5 TUBE A.C.-D.C. SUPER

Here's your chance to get that extra set you've wanted—and at a price far below what you had expected to pay! This excellent performer is at home in any room—put one in the kitchen, den or library. It has full, natural tone and power to spare, try one for 30-days, at our risk!

Antenna-Aire, built right into the set, literally pulls in the stations in. No need to connect any messy aerial or ground wires either. You just turn it on and tune in. It gets all the domestic broadcast stations (range from 528 to 1730 kilocycles).

"Beam" Power, meaning clear natural tones with great volume, is included. The superb circuit uses 12SA7, 12SK7, 12SQ7, 35LG6T "Beam" output tube and a 3525GT rectifier. A fine 5" dynamic speaker is used. Plastic Housing, affording new beauty and lustre; available in either Walnut or Ivory.

Model BB-22 In Walnut Case
Lafayette 5-Tube A.C.-D.C. Superhet with "Antenna-Aire". With tubes. For 110 volts a.c. or d.c. Size: 9x7x5½" deep. Shpg. wt. 9 lbs.
Code BANJO.
YOUR COST...
$8.95

Model BB-23 In Ivory Case
Same as above, in Ivory finished case.
Code BIRCH. YOUR COST.
For 220-volt adapter cord, either model, add...

Lafayette PLASTICS

5-TUBE A.C.-D.C.

It's as easy to use as your toaster—as entertaining as any small radio can be—and it bears a typical Lafayette low-price tag! You'll like its smart styling, too, for the Plastic case adds charm to the room.

No Aerial or Ground: Absolutely no wire connections to make—just plug into the nearest outlet, turn on and tune. A unique arrangement makes use of the power line itself for an aerial.

"Beam Power" Output: This results in distortionless, high power output—the reason for the excellent tone quality afforded. "Bantam" tubes are used throughout: 12SA7, 12SK7, 12SQ7, 35LG6T "Beam" tube and 3525GT rectifier tube.

Illuminated Dial: Airplane type, full vision. Calibrated in meters and kilocycles. Tuning range covers the domestic broadcast band.

Model E-64 In Walnut Case
Lafayette 5-Tube A.C.-D.C. Superhet complete with tubes, in Walnut plastic case. Size 8x5x5½" deep. Shpg. wt. 10 lbs.
Code EMBER.
YOUR COST...
$7.95

Model E-65 In Ivory Case
As above, in Ivory finished case.
Code EQUAL. YOUR COST...
For 220 volt adapter cord, add...

Full Bodied Tone

4-TUBE A.C.-D.C. TRF

It's neat—it's durable—and it's a good performer. That's why this new Lafayette is so well suited for use as an auxiliary radio or as a gift that will be appreciated. It's housed in an attractively styled Plastic case that adds charm to its surroundings—and it costs no more than an average pair of shoes. Four working tubes plus a ballast are used in the a.c.-d.c. circuit: 6F7GT, 6F7GT, 25L6GT "Beam Power" tube (this accounts for the exceptional power and clarity), 2525GT rectifier and BM55B ballast. A matched dynamic speaker reproduces the output. All the domestic broadcast stations are within the tuning range, and adjustments are simplified by the use of an illuminated full-vision dial.

Model JA-89 In Walnut Case
Lafayette 4-Tube A.C.-D.C. Compact in Walnut plastic case 10x4x5½" deep. With all tubes and factors attached aerial wire. For 110 volts a.c. or d.c. Shpg. wt. 1 lb.
Code AGLOW.
YOUR COST...
$6.95

Model JA-93 In Ivory Case
Same as above, in Ivory finished plastic case.
Code ADOBE.
YOUR COST...
Jewel-like Gift Radios

6 TUBE A.C.-D.C. SUPER

You'll enjoy the convenience of perfected push-button tuning—you'll be pleasantly surprised by the "big-set" tone quality and volume—you'll admire the sleek gracefulness of the plastic cabinet!

MAGIC "ANTENN-AIRE", built right into the set, gets all the stations clearly and does away with bothersome aerial and ground wire connections. You can tune all the domestic broadcast programs in the range from 540 to 1650 kc.

FINGERTIP TUNING, simplest ever devised, permits instant selection of any one of five of your favorite stations. Stations can be set in a jiffy, and settings can be changed whenever desired.

CRYSTAL CLARITY of tone is insured by the use of a "beam" power tube feeding into a matched dynamic speaker. Tubes used: 12SA7, 12SK7's, 12SQ7, 35L6GT "beam" tube and a 3525GT rectifier.

Model FE-5 In Walnut Case
Lafayette 6-Tube A.C.-D.C. Superhet. With tubes. For 110 volts a.c. or d.c.
$11.95

Model FE-6 In Ivory Case
As above, in Ivory finished case.
$12.95

Play anywhere - AC or DC

5 TUBE A.C.-D.C. SUPER

SMART styling—excellent performance—new, sim- pified methods of operation! These are all inherent characteristics of this new Lafayette superhet. Ideal for use as an auxiliary set—and it makes a fine gift item too.

BUILT-IN "ANTENN-AIRE" gets all the stations with ample volume, and there are no messy aerial or ground wires necessary.

TOUCH-A-BUTTON TUNING permits automatic selection of any one of your six favorite stations. There's a manual control knob on the side for other stations. Range from 540 to 1650 kc.

"BEAM" POWER OUTPUT provides clear, distortionless tubes with power to spare. Five "Beam" tubes are used, including 12A9GT, 12K7GT, 12Q7GT, 35L6GT "Beam" output tube and 3525GT rectifier. A fine Permanent Magnet Dynamic speaker reproduces the output faithfully.

Model BE-79 In Walnut Case
Lafayette 5-Tube A.C.-D.C. Superhet. With tubes. For 110 volts a.c. or d.c.
$9.95

Model BE-78 In Ivory Case
Same as above, in Ivory finished case.
$10.95

6 TUBE A.C.-D.C.2-BANDSUPER

IT'S new. It's different, it has MORE worthwhile features and it's easy on your pocketbook. It provides "console-tone" performance and it's styled to please.

These models feature "ANTENN-AIRE" that eliminates the need for aerial or ground (on broadcast band only); SHORT-WAVE COVERAGE that brings in foreign short wave stations and many amateurs, etc., on the 16.6 to 52.7 meter band; broadcast reception from 540 to 1650 kc. UNUSUAL TONE AND VOLUME due to the "Beam Power" output stage and fine dynamic speaker. Uses 6SA7GT, 6SK7GT, 6PSGT, 6SQ7GT, 25L6GT "beam" tube, 2525GT rectifier and BM46B ballast; TELEVISION SOUND INPUT (or phonl) terminals on chassis.

Model D-72 (Walnut):
Complete with all tubes. For 110 volts a.c. or d.c. 12½ x 7 x 7½". Ship. wt. 15 lbs. Code WELLS. YOUR COST EACH.
$12.95

Model D-73 (Ivory):
As above, in Ivory finished case. Code HINE.
$13.95

Model D-76. Walnut. Code WHIST. YOUR COST... $13.95

For 220 volt adapter cord, add.

Model D-77. Ivory. Code WOLF. YOUR COST...
$14.95

5 TUBE A.C.-D.C. SUPER

Model D-78. Walnut. Code BALAD. YOUR COST...
$9.95

For 220 volt adapter cord, either model, add...75c

$9.95

For 220 volt adapter cord, either model, add...75c

PUSH-BUTTON TUNING

vertime.
6 TUBE AC-DC SUPER

Good entertainment is less expensive than ever before when you own model D-90. It will help you spend many pleasurable hours at home—will keep you in touch with world happenings, with sports, fashions and the latest song hits. Yet it's priced so that your budget won't be strained. Try one in your home for 30-days, at our risk!

The efficient superheterodyne circuit makes use of several features usually found only in sets selling at higher prices. These include: "ANTENN-AIRE", a built-in loop aerial which, under normal conditions, eliminates the need for any outside aerial. Terminals for external antenna connection are provided, for use in poor "pick-up" localities. EXTENDED BROADCAST RANGE covering from 340 to 1730 kilocycles, includes all the domestic programs plus the popular high fidelity stations and the ever interesting police calls.

HIGH SENSITIVITY (greater station getting ability) is provided by the superheterodyne circuit which uses: 6SA7GT oscillator-converter, 6SK7GT i.f. ampl., 6PSGT second detector and a.v.c., 6SQ7GT first audio, 6SK6GT power tube and 5W4GT rectifier, 5" DYNAMIC SPEAKER. 6SK6GT tube, efficiently matched to the set output, affords unusually good tone quality.

AUTOMATIC VOLUME CONTROL minimizes fading and prevents "blasting" by maintaining a constant volume level. TELEVISION SOUND or PHONO INPUT: tip jacks on the rear of the chassis permit instant connection of a phonograph assembly or Televison Sound. This set is prepared for future developments in Televison Sound. Other features include: Illuminated full-vision dial, attractively styled walnut veneer cabinet with hand-rubbed finish, scientifically designed speaker chamber, R.C.A. and National License.

Model D-90 6-Tube AC-DC Super
Lafayette 6-Tube AC-DC Superhet with "Antennaire", With tubes. For 110 volts, 60 cycle a.c. Size: 12½" wide, 8" high, 8" deep. Shp. wt. 14 lbs. The LAFAYETTE 6 TUBE AC-DC 2BAND PACKAGE... $11.95

Your Cost... $2.00

For 220 volt, 40/60 cycle a.c. operation add...

6 TUBE AC-DC 2BAND

Here is a personal set with "personality" the radio that you'll choose for your bedroom, den or kitchen. Its distinctive styling plus the fine and varied entertainment it affords makes it a "parlor set" in the Lafayette "value parade". When you think of this set, you'll want it.

The fine tone quality, high sensitivity and selectivity characteristics, the extra power—all are made possible by the excellently engineered superhet circuit which features: "ANTENN-AIRE", a built-in loop aerial for broadcast reception, i.f. amplifiers, under normal conditions, it eliminates the need for an outside aerial for domestic reception. For short-wave programs, an external aerial is necessary; terminals for connecting one are incorporated. TWO BAND RECEPTION: the set tunes from 185 to 556 meters to bring you the domestic programs, and from 42.8 to 125 meters for foreign short-wave stations, amateur calls, etc.

MODERN SUPERHET CIRCUIT uses five of the latest type tubes. These are: SARGT, S6GT, 6S7GT, 25S6GT "BEAM POWER" output tube, 25S6GT rectifier and MB498 ballast. The circuit operates on either alternating or direct current operation. SLIDE-RULE DIAL, fully calibrated and well illuminated, makes tuning simple. Other features include: Automatic Volume Control, matched dynamic speaker, efficient baffle.

Dimensions are: 11½" wide, 7" high and 5½" deep.

Model JA-87 In Walnut Case
Lafayette 5-Tube A.C.-D.C. 2-Band Superhet in Walnut plastic case. For 110 volts a.c. or d.c. Shp. wt. 15 lbs. Code ACORN.

Your Cost...

Model JA-84 In Ivory Case
Same as above, in Ivory finished case.

Code ADULT. Your Cost...

For 220 volt adapter cord add...
I C O U L D N ’ T D O W I T H-
OUT MY NEW LAFAYETTE
RADIO. I LIKE IT MORE
EVERY DAY!

NOW I HAVE A RADIO
OF MY VERY OWN!-
I CAN LISTEN TO THE
PROGRAMS I WANT!

J U S T W H A T M Y D E N
NEEDED. AND BOY-
THEY’RE EASY ON
THE BUDGET!

S P E A K E R S
D Y N A M I C
M A T C H E D

O U T M Y N E W L A F A Y E T T E
R A D I O. / L I K E I T M O R E,
T H E M A G I C
c
A I R
F o r 2 2 0 v o l t a d a p t e r c o r d ,
E I TH E R M O D E L
C o d e E D W I N.
Y O U R C O S T E A C H.
C o d e E L I T E.
S a m e a s a b o v e , i n I v o r y c a t a l i n c a s e .
F o r 1 1 0 v o l t s a c . o r d . c . S h p g . w t 1 4 l b s.
Mo d e l E - 6 2 I n O n y x
Mo d e l E - 6 3 I n I v o r y

L a f a y e t t e

6 T U B E 2 B A N D A C - D C
C u s t o m B u i l t

A l l t h e q u a l i t i e s o f a f i n e c o n s o l e r a d i o a r e e m-
b o d i e d i n t h i s d e l u x e c u s t o m b u i l t c o m p a c t r e c e i v e r !
E x t r a s e n s i t i v i t y — b e t t e r t o n e q u a l i t y — g r e a t e r e a s e
o f o p e r a t i o n — t h e m a g i c " A n t e n n - A i r e " — a l l t h e s e ,
and m o r e , a r e y o u r s t o c o m m a n d w h e n y o u o w n m o d e l
B B - 2 7 . P r o v e t o y o u r s e l f t h a t t h i s p e r f o r m e r i s u n i q u e ,
that i t ’ s a B E T T E R B U Y b y t r y i n g o n e i n y o u r o w n h o m e
f o r 3 0 d a y s a t o u r r i s k !

T h e n e w , i m p r o v e d s u p e r h e t c i r c u i t f e a t u r e s :
" A N T E N N - A I R E ", t h e a m a z i n g n e w L a f a y e t t e d e v e l-
opment which, u n d e r n o r m a l c o n d i t i o n s , e l i m i n a t e s
the n e e d f o r a n y o u t s i d e a e r i a l w h e n t u n i n g i n t h e b r o a d-
cast b a n d . F o r s h o r t w a v e r e c e p t i o n , a n e x t e r n a l a e-
n e e d f o r a n y o u t s i d e a e r i a l w h e n t u n i n g i n t h e b r o a d-
o p m e n t w h i c h , u n d e r n o r m a l c o n d i t i o n s , e l i m i n a t e s
f o r 3 0 d a y s a t o u r r i s k !

B B - 2 7 . P r o v e t o y o u r s e l f t h a t t h i s p e r f o r m e r i s u n i q u e ,
E x t r a s e n s i t i v i t y b e t t e r t o n e q u a l i t y — g r e a t e r e a s e o f

d o m e s t i c b r o a d c a s t b a n d f r o m 5 4 0 t o 1 7 2 0 k c . A n d
a n y w h e r e , a n d i t w i l l a d d b e a u t y a n d c h a r m t o
A T T - E N N - A I R E , t h e a m a z i n g n e w L a f a y e t t e d e v e l-

O U R C O S T ! _ . . . )
T A I E Y ' R E E A S Y O N
L U S T R O U S
C A T A L I N
T h e N e w e s t P l a s t i c

H E R E i s t h e 1 9 4 0 r a d i o s t y l e l e a d e r ! I t ' s r e-
freshing n e w — i t ’ s d i f f e r e n t — i t ’ s d i s t i n c t i v e .
Y o u ’ l l b e p r o u d t o s h o w i t o f f t o y o u r f r i e n d s
f o r i t h a s a l l t h e q u a l i t i e s o f a p r i c e l e s s j e w e l .
L u s t r o u s C a t a l i n , i n e i t h e r O n y x o r I v o r y m a k e s
t h i s m a t c h l e s s b e a u t y p o s s i b l e .
A n d h a n d i n h a n d w i t h t h e c a b i n e t g o e s f i n e
A N T W - T I P T U N I N G , b y m e a n s o f c o n v e n i e n t-
l y p l a c e d b u t t o n s , p e r m i t s i m m e d i a t e s e l e c t i o n o f
a n y o n e o f y o u r f o u r f a v o r i t e s t a t i o n s . T h e r e ' s
c l u d e d , f o r u s e i n o u t l y i n g d i s t r i c t s .
D I S T O R T I O N L E S S R E C E P T I O N , d u e t o t h e u s e
o f t h e l a t e s t t y p e " B e a m " P o w e r t u b e s . T u b e s
u s e d : 1 2 S A 7 , 1 2 S K 7 , 1 2 S Q 7 , 5 0 L 6 G T " B e a m " t u b e
a n d 5 3 2 5 G T r e c t i f i e r . T u n i n g r a n g e c o v e r s t h e
s t a n d a r d a m a n u a l t u n i n g t o o , o f c o u r s e . w i t h a n i l l u m i n a t e d
C A T A L I N - T U N I N G " E Y E ", i n a d d i t i o n t o t h e s t a n d a r d
f u l - v i s i o n d i a l .

C O M P A C T A N D L I G H T W E I G H T , s o t h a t y o u
c a n u s e i t i n a n y r o o m i n t h e h o u s e . I t ' s a t h o m e
a n y w h e r e , a n d i t w i l l a d d b e a u t y a n d c h a r m t o
i t s s o u n d , o f t h e l a t e s t t y p e " B e a m " P o w e r t u b e . T u b e s
u s e d : 1 2 S A 7 , 1 2 S K 7 , 1 2 S Q 7 , 5 0 L 6 G T " B e a m " t u b e
a n d 5 3 2 5 G T r e c t i f i e r . T u n i n g r a n g e c o v e r s t h e
d o m e s t i c b r o a d c a s t b a n d f r o m 5 4 0 t o 1 7 2 0 k c . A g a i n
a n y w h e r e , a n d i t w i l l a d d b e a u t y a n d c h a r m t o
h e x e l l e n t q u a l i t y — g r e a t e r e a s e o f
C O M P A C T A N D L I G H T W E I G H T , s o t h a t y o u
c a n u s e i t i n a n y r o o m i n t h e h o u s e . I t ' s a t h o m e
a n y w h e r e , a n d i t w i l l a d d b e a u t y a n d c h a r m t o
i t s s o u n d , o f t h e l a t e s t t y p e " B e a m " P o w e r t u b e . T u b e s
u s e d : 1 2 S A 7 , 1 2 S K 7 , 1 2 S Q 7 , 5 0 L 6 G T " B e a m " t u b e
a n d 5 3 2 5 G T r e c t i f i e r . T u n i n g r a n g e c o v e r s t h e
d o m e s t i c b r o a d c a s t b a n d f r o m 5 4 0 t o 1 7 2 0 k c . A g a i n
h e x e l l e n t q u a l i t y — g r e a t e r e a s e o f

YOU will like the model D-42—you should own one. Not only because it is attractive in appearance, even though that is important too, but because it brings you a new, better, more luxurious type of radio entertainment. It is easy to SEE the value you get, but you must HEAR this set to appreciate its true worth. We want you to try it in your own home for 30 days at the many important features incorporated in this set. There is the Magic "ANTENN-AIRE" that enables you to use the set in any room in the house by merely plugging it into the nearest outlet. No aerial and no ground wires to bother with on the broadcast band—and just plug it in and listen! On the short wave band a standard outside short wave aerial should be used.

Then there is the Magic Eye that enables you to "see" how well you have the station tuned in, so that you can be sure you are getting the best reception possible. And you can be sure that the tone control will adjust the tone to suit your preference.

The powerful and quiet-operating superhetodrye circuit employs a 6SA7GT as oscillator, 6SK7GT as i.f. amp., 6PS7GT as second det. and a.v.c.; 6SQ7GT as rectifier-first audio amp.; 6SK7GT as power amp.; SW4GT as rectifier and a 6US "magic eye" tube. The 6" dynamic speaker is correctly matched to the output tube.

TELEVISION: Both jack and switch for television. Sound or phone are provided so that either can be used.

**Model D-42**

Lafayette 7-Tube 3-Band A.C. Super with built-in "Antenn-Aire". Complete with tubes. For 110 volts 60 cycles a.c. 18 1/4" wide, 10 1/2" high and 9" deep. Shpg. wt. 13 lbs.

Code WRITE.

Your Cost...

For 220 volt, 40/60 cycle a.c. operation, add...

$19.95

**Model D-26**


Code WHELM.

Your Cost...

For 220 volts, 40/60 cycles, add...

$15.95

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**6-TUBE AC 2BAND**

For quality at a mighty reasonable price try the Model D-26. This excellent table model performs brilliantly both on the standard American broadcast and its European short wave bands. Try it at our risk right in your own home for 30 days and be convinced! You will marvel at the many features we have built into this set. The Magic "Antenn-Aire" that does away with all aerials on the broadcast band (an outside aerial should be used with the short wave band and connections for one are provided). The specially selected wave bands: the first covering the American broadcast band from 540 to 1650 kc. (182-556 meters) and the second covering the popular European band from 5,7 to 18 mc. (16.7-52.7 meters).

And we have looked toward the future too by incorporating input connections for phone or TELEVISION SOUND. A fully illuminated slide-rule dial, powerful automatic volume control and a matched 6" dynamic speaker that reproduces all tones with excellent fidelity are just a few more of the outstanding features of this remarkable receiver. The highly efficient "bantam" tube superhet circuit employs a 6CA7GT as osc.-converter; 6SK7GT as i.f. amp.; 6PS7GT as second detector and a.v.c.; 6SQ7GT first audio; 6SK7GT power output tube and SW4GT rectifier. The Model D-26 is housed in an attractive cabinet green in a style that will blend harmoniously with any period of furnishings in any room in the home.

**Model D-26**


Code WHELM.

YOUR COST...

For 220 volts, 40/60 cycles, add...

$15.95

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**6-TUBE 2-BAND AC-DC**

**Model D-9**

This is the AC-DC version of the Model D-26 and incorporates all of the features of the D-26 as described above. Only the tube complement has been changed. The following tubes are employed: 6CA7GT as oscill.; 6SK7GT i.f. amplifier; 6PS7GT as second detector and a.v.c.; 6SQ7GT as first audio; 25L6GT rectifier and 6L4GC oscillator. Cabinet, dial and all other features exactly the same as above. Lafayette 6-Tube AC-DC 2-Band Superhet with built-in "Antenn-Aire" and all tubes. For 110 volts a.c. or d.c. 17 1/4" wide, 9 3/4" high. 8 3/4" deep. Shpg. wt. 16 lbs.

Code WESER.

YOUR COST...

For 220 volts, 40/60 cycles, add...

$14.95

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**7-TUBE AC 3BAND**

For the ultimate in a c. n. radio—try the Model D-33! You want the greatest possible performance in a radio, and the Lafayette D-33 is the one you should own. It is as attractive as it is efficient. The Lafayette D-33 embodies all of the features that you would want in a Deluxe Model. It is easy to SEE the value you get, but you must HEAR this set to appreciate its true worth. We want you to try it in your own home for 30 days at the many important features incorporated in this set. There is the Magic "ANTENN-AIRE" that enables you to use the set in any room in the house by merely plugging it into the nearest outlet. No aerial and no ground wires to bother with on the broadcast band—and just plug it in and listen! On the short wave band a standard outside short wave aerial is necessary. Then there is the Magic Eye that enables you to "see" how well you have the station tuned in, so that you can be sure you are getting the best reception possible. And you can be sure that the tone control will adjust the tone to suit your preference.

The powerful and quiet-operating superhetodrye circuit employs a 6SA7GT as oscillator, 6SK7GT as i.f. amp., 6PS7GT as second det. and a.v.c.; 6SQ7GT as rectifier-first audio amp.; 6SK7GT as power amp.; SW4GT as rectifier and a 6US "magic eye" tube. The 6" dynamic speaker is correctly matched to the output tube.

TELEVISION: Both jack and switch for television. Sound or phone are provided so that either can be used.

**Model D-33**

Lafayette 7-Tube 3-Band A.C.-DC Model. For 110 volts 60 cycles a.c. 18 1/4" wide, 10 1/2" high and 9" deep. Shpg. wt. 15 lbs.

Code WRITE.

Your Cost...

For 220 volt, 40/60 cycle a.c. operation, add...

$19.95
IN BEAUTY AND SUPERB TONE FIDELITY
Quality Receivers within reach of everyone

8 TUBE AC 3 BAND
with 8" Dynamic Speaker

The magic carpet had nothing on this deluxe table model radio! For, relaxed in the comfort of your living room chair, you can "listen in" on the world. Music, drama, news and innumerable other forms of entertainment from far places—all ready to do your bidding. And because the powerful superheterodyne circuit is coupled to a matched 8" dynamic speaker, you get "living" tone—all notes in the audible range are clear and crisp. Try one in your home now—we give you fully 30-days to prove to yourself that it's all we claim it to be!

"ANTENN-AIRE", built-in the set, eliminates the need for an outside aerial when tuning to the broadcast band (except in outlying districts). For short-wave reception, an outside aerial must be employed; terminals for connecting one are incorporated.

LIMITED ALL-WORLD COVERAGE: Practically all forms of radio entertainment are within the scope of this receiver. Three bands cover from 540 to 1650 kc (182 meters), from 2.2 to 7 mc (42.9 to 136 meters) and from 7.5 to 24 mc (13 to 40 meters). You can tune amateurs, foreign short-wave, experimental and standard American broadcast programs.

VISUAL TUNING is afforded by the cathode ray tuning "eye" tubes. With this device, you can tune with hairline accuracy every time. There's a large slide-rule dial too, with each band calibrated.

EXCELLENT TONE is provided by the 8 tube superhet circuit which feeds into a matched 8" electro-dynamic speaker. Tubes used: 6SA7GT converter, 6P5GT oscillator, 6SK7GT first audio, 6SK7GT second detector, 6H8C second detector, 6L6G output amp, 5W152 rectifier and 6H6 cathode ray "eye" tube.

Other features include: Tone Control, powerful Automatic Volume Control, tip jacks and switch for TELEVISION SOUND INPUT and Photo.

Model D-71
Lafayette 8-Tube A.C. 3-Band Superhet with built-in "Antenn-Aire" Complete with tubes. For 110 volts, 60 cycles a.c., size: 18½" wide, 10¼" high, 9¼" deep.

Shpg. wt. 25 lbs.

$24.95

YOUR COST
For 220 volts, 40/60 cycles a.c., add...

$2.50

TUNING "EYE"—insures hairline tuning accuracy by VISUAL means. There's a large, calibrated slide-rule dial, too.

EXTENDED RANGE—from 540 to 1700 kilocycles. Includes the popular high fidelity stations.

HIGH SENSITIVITY: the "bantam" tube circuit uses: 6SA7GT converter, 6P5GT osc., 6SK7GT 1f. amp, 6P5GT second det., 6550GT first audio, 6K6GT output, 5W152 rect., 605 "eye". Sensitivity and selectivity are unusually good.

8" DYNAMIC SPEAKER—a fine quality unit that reproduces every note in the scale with "studio" brilliance—makes music "live".

3-POSITION TONE CONTROL—permits compensation for various room acoustics.

TELEVISION SOUND INPUT—jack on chassis provides for this future type of entertainment.

PHONOGRAPH TERMINALS—so that a record player can be attached with ease.

Model D-69
Lafayette 8-Tube A.C. Superhet with built-in "Antenn-Aire" Complete with tubes. For 110 volts, 60 cycles a.c., size: 18½" wide, 10¼" high, 9¼" deep.

Shpg. wt. 24 lbs.

$22.50

YOUR COST
For 220 volts, 40/60 cycles a.c., add...

$2.50

with MAGIC ANTENN-AIRE
LAFAYETTE BATTERY PORTABLES

SELF-POWERED • FINE TONE

WITH MAGIC ANTENNAIRE

NO WIRES TO ATTACH

JUST TUNE IN

5-TUBE 2-BAND "AERO"

The "Aero" has been especially designed for aviators, pilots, and those interested in aviation communications. It incorporates a long-wave band for the reception of all domestic AIRPLANE BEACON STATIONS and also includes a HEADPHONE JACK so that clear reception can be obtained even when the receiver is used in a plane in flight. The "Aero" is compact, lightweight (only 14½ pounds with batteries), durably and easily portable—all features necessary for aviation adaptations. And the price is remarkably low!

The long wave band covers from 770 to 2000 meters (150 to 390 kc)—will bring in European long-wave stations when used in Europe. Standard domestic broadcast programs are received in the range from 540 to 1540 kc. Circuit features include: "ANTENNAIRE", a built-in loop that eliminates the need for any external aerial or ground connections except where reception is very difficult (terminals for outside aerial included); SELF-DUMPED receiver obtains all necessary power from one 1½-volt "A" and two 4½-volt "B" batteries; current indicator in dial; full-dial vision; attractive airplane luggage case with leather carrying handle. Tubes: 1A7G, 1IN5G's, 1H5G and 1A5G. Just turn it on and tune-in!

Model E-92 2-Band "Aero"

Lafayette 2-Band "Aero" Portable with tubes. Size: 113/4x6¼x11" high.

Shpg. wt. 20 lbs. Code EGERT.

YOUR COST, LESS BATTERIES: $19.45

K20164—Kit of batteries for above. $2.85
K13924—Brush Crystal Double Headset. $5.29

5-TUBE DELUXE PORTABLE

The most sensational radio to be developed in years! A bold statement to make, but the Rover has proven its superiority in actual use. Its remarkable sensitivity, its unusually fine tone quality, its ability to pull in all the domestic stations makes this receiver a stand-out value! The stamp of approval has been placed on the Rover by the research laboratory—you will add your plaudits when you own this superior set! The Rover operates entirely from self-contained batteries. There are no "current" problems and NO CONNECTIONS TO MAKE! Just turn it on and tune-in. The exceptional 5-tube superheterodyne circuit uses: 2-IN5G's, 1A7G, 1H5G and 1C5G, and features: matched 6" PM dynamic speaker; low-drain tubes; current indicator; full-dial vision. Batteries required: one 1½-volt "A" and two 4½-volt "B"s. Sturdy airplane luggage case has leather handle.

Model BB-70 "Rover"

Lafayette 5-Tube Battery Portable with tubes. Size: 7x3/4x6" deep. Shpg. wt. 21 lbs.

Code BABLE.

YOUR COST, LESS BATTERIES: $16.95

K20145—Kit of batteries for above. $2.45

4-TUBE LIGHTWEIGHT

As easy to carry as a brief case—and a good little performer too. The "Petite" measures only 11/2 x 1 1/2 x 6" and weighs only 12 pounds complete with batteries, yet it brings in the domestic stations with satisfactory quality. Take one with you the next time you travel. You'll never have to think about current, aerial, ground or anything else. The Petite carries its own power supply, its own built-in aerial. NO WIRES TO CONNECT—just turn it on and tune.

Four low-drain tubes are used in the superhet circuit, including: 1A7GT, IN5GT, H5GT and 1CSGT. Power is supplied by special compact batteries that provide approximately 200 to 250 hours of service.

The entire mechanism is housed in a neatly styled portable case that's covered with durable alligator skin leatherette: It has a sturdy carrying handle.

Model S-50 "Petite"

Lafayette "Petite" 4-Tube Lightweight Battery Portable complete with tubes.

Shpg. wt. 17 lbs. Code PETAL.

YOUR COST, LESS BATTERIES: $11.95

K20164—Kit of batteries for above. $2.50

NOTE: Although our famous 30-day home trial guarantee applies to all Lafayette battery sets, batteries themselves (for obvious reasons) are not subject to return for credit or refund.
6-TUBE 3-BAND PORTABLE

Lafayette has done it again! This sensational portable has three tuning bands, operates on self-contained batteries, 110 volts a.c. or 110 volts d.c. It has built-in Magic Antenne-Aires that eliminate the need for external aerials in most locations (where aerials are needed they can be attached to terminals provided). SPECIAL TUNING RANGES. The three specially selected tuning ranges are as follows: 16.2 to 51 meters for both foreign and domestic short wave stations, 194 to 556 meters for domestic broadcast stations, and 780 to 2140 meters for European long-wave stations when in Europe, and Aviation Beacon Signals and Weather Reports. A headphone jack is provided for use in aircraft where motor and propeller noise interfere with hearing.

Other features include: a current indicator to remind you that the set is on, a current supply change-over switch, a full vision dial and a sturdy airplane luggage case.

THE SUPER POWER CIRCUIT—Employ the following tubes: 1-1A7GT converter, 2-1NSG i.f. amplifiers, 1-1NSGT detector, a.v.c., and 1st audio, 1-3QSGT as "beam power" output on batteries and 1-7OL GT as rectifier and output on electric line. A PM speaker is employed.

Model CC-58A "Cosmopolitan"

Lafayette 6-Tube 3-Band Portable complete with tubes. For operation on self-contained batteries, 110 V. a.c. or 110 V. d.c. Batteries: 2-45 V. "B" and 2-45 V. "B" Batteries. Dimensions: 12¾" w. x 10¾" h. x 7½" d. Shpg. wt. 20 lbs. Code GARTH. YOUR COST, LESS BATTERIES.

K20163 Complete Kit of Batteries for above $23.50

For 220 volt adapter above add 75c

K13974 BRUSH CRYSTAL PHONES—Pair of lightweight phones with padded headband for above set. 5 ft. cord $5.29

5-TUBE 2-BAND PORTABLE

Short wave reception, as well as standard broadcast band reception, is yours with this new Lafayette Portable. It covers the foreign and domestic short wave band from 5.3 to 180 m and as well as the 540 to 1600 kc. American broadcast band. A built-in Magic Antenne-Aire eliminates the need for an external aerial, on the broadcast band. (where reception is difficult, and for the short wave band, standard aerial connections are provided).

The highly efficient superhet circuit employs the following tubes: 1-1A7G converter, 1-1NSG i.f. amplifier, 1-1NSGT detector, a.v.c., 1st audio, 1-1SG audio output amplifier and 1-3SGGT rectifier. A special feature of this excellent portable is the very low current drain. Average "B" battery life is approximately 225 hours. And, like all Lafayette's "3-in-1" Portables, it can also be used on 110 volts a.c. and 110 volts d.c. Truly a universal receiver! Short wave as well as broadcast reception—house current as well as battery operation.

Other features include: a slide rule dial accurately calibrated for both bands, off-on indicator, pilot light (on AC-DC), etc. Housed in an attractive airplane luggage case with cover and padded handle. Dimensions: 12½" w. x 7½" d. x 11½" h.

Model E-94 2-Band Portable

Lafayette 5-Tube 2-Band "3-in-1" Portable complete with tubes. For operation on self-contained batteries, 110 volts a.c. or 110 volts d.c. Batteries required: 1-4V. "A" and 2-4V. "B". Shpg. wt. 20 lbs. Code ENVoy YOUR COST, LESS BATTERIES.

K21062 Battery Kit for above set $2.65

For 220 volt operation adapter, add 75c

5-TUBE "3-in-1" PORTABLE

Here is a radio styled to the minute! This season Tourist is ready to accompany you wherever you go—to entertain you on command. It works anywhere—from self-contained batteries, 110 volts a.c. or 110 volts d.c. and there are NO WIRING TO CONNECT! You just turn it on and tune. Its extended tuning range brings all the popular domestic programs with good tone and more than ample volume.

A neat airplane luggage case houses the 5-tube superhet chassis, loop aerial, speaker and batteries. The tubes used include: 1-1A7G, 1-1NSG, 1-1NSG, 1-1QSG and 1-3QSGT rectifier. Batteries required: 2-4 volt "B" and 1-4 volt "A." Current drain is low; batteries have a life of approximately 200 hours.

Model E-80

Lafayette 5-Tube "3-in-1" Tourist Portable in airplane luggage case with drop front. Size: 11x11½x7½" deep. Complete with tubes but with less batteries. Shpg. wt. 22 lbs. Code ETUDE YOUR COST, LESS BATTERIES.

K21062 Kit of batteries for above set $2.65
DE LUXE
Lafayette
LABORATORY
TESTED
CUSTOM BUILT
HIGH FIDELITY

Outstanding 12 TUBE AC-DC THREE BAND SUPERHET

CUSTOM built throughout, this deluxe Lafayette receiver has been designed for those desiring the finest in radio performance. It has the mighty voice of Strato—the matchless tone quality of a rare Stradivarius. You can "tune in on the world", too, because of its extended range.

And for those who love the music of the old masters, or who want to build their own programs, we have made available the deluxe phono-radio combinations shown below. The beautiful mantle cabinet illustrated above houses the powerful 12-Tube Superhet circuit features include: TONE CONTROL that compensates for various room acoustics; Automatic Volume Control to minimize fading; overdamped parts. Both mantle and console cabinets are constructed of the finest Walnut veneers.

MANTEL MODELS
Model CC-47
Lafayette 12-Tube 3-Band A.C.-D.C. Push-Buttom Superhet complete with tubes, in Walnut mantle cabinet. For 110 volts, a.c. or d.c. Size: 25½" wide, 12¼" high, 11½" deep. Shpg. wt. 43 lbs. Code GLINT. YOUR COST $57.50

CC-48 Long-Wave Model
Same as above, but without push-buttons, and with additional European long-wave band covering from 814 to 2135 meters. Code GIBRIT. YOUR COST $57.50

For 220 v. operation, either model, add $3.50

AUTOMATIC PHONO-RADIO COMBINATION

Model CC-41 Aut. Combination
Lafayette 12-Tube 3-Band A.C.-D.C. Push-Button Superhet complete with tubes and Garrard RC-11 Automatic Record Changer. In console cabinet 35" high, 28½" wide, 17¾" deep. For 110 volts, a.c. or d.c. Shpg. wt. 128 lbs.
Code GLAZE. YOUR COST $119.95

Model CC-46 With Single Record Player
Same as above, but with Garrard UCS-G Single Record Player assembly in place of the automatic record changer. Shpg. wt. 120 lbs.
Code GEMIN. YOUR COST $107.50

SPECIAL LONG WAVE SETS
Model CC-68 Aut. Combination
Lafayette 12-Tube 4-Band A.C.-D.C. Superhet. Has no push-buttons, but includes European long-wave band from 814 to 2135 meters. With all tubes and Garrard RC-11 Automatic Record Changer. In console cabinet. For 110 volts, a.c. or d.c. Shpg. wt. 135 lbs.
Code GLEAR. YOUR COST $119.95

Model CC-81 With Single Record Player
Same as above, but with Garrard UCS-G Single Record Player assembly in place of the automatic record changer. Shpg. wt. 120 lbs.
Code GRAND. YOUR COST $107.50

For 220 volt a.c. (40-60 cycles) or d.c. operation, any of the above models, add...$3.50

"ANTENNAIRE", built-in, permits broadcast reception without the need for external aerial (except in outlying districts). SUPERHET CIRCUIT: Uses following 12 tubes: 6SK7 r.f. amp. on ALL bands, 6K8 converter, 6R6G amplifier, detector and a.c., 677G a.f. amp. and phase inverter, 4-2516's in push-pull parallel output stage, 605 tuning "eye". 2-S265 rectifiers and 8A7 converter for push-button tuning. Power output is fully 8-watts. VISUAL TUNING permitted by the cathode-ray tuning "eye" tube. SLIDE RULE DIAL, illuminated and fully calibrated, makes manual tuning easy.

CONCERT SPEAKER, electro-dynamic type, provides excellent tone quality. Mantel models have 8" speaker; console models have 12" speaker.

TELEVISION SOUND and photo input provided for by means of tip jack and switch.

LONG WAVE MODELS: both mantle and console models are available in a special 4-band receiver. An additional band covering from 814 to 2135 meters is incorporated, to get European long-wave stations, aviation signals, weather reports and others. (No push-buttons on these models.)
Model D-85 Combination
Lafayette 8-Tube 3-Band A.C. Superhet Combination. Complete with tubes. For 110 volts, 60 cycles a.c. only. Size: 21" wide, 13¾" high, 14" deep.

**PRICE:** $37.50

For 220 volt operation, add...

$2.00

Model S-49 Combination
Lafayette 5-Tube Phono-Radio Combination complete with tubes. For 110 volts, 60 cycles a.c. only. Size: 14¼" wide, 13" deep, 10¼" high (with lid closed).

**PRICE:** $19.95

Model S-43 Combination
Lafayette 6-Tube 3-Band A.C. Combination with tubes. For 110 volts, 60 cycles a.c. only.

**PRICE:** $27.50

For 220 volt a.c. operation, add...

$5.00

**Phono-Combination 8 Tube A.C. Super**

PICTURED here is the Aristocrat of the compact phonograph-radio combinations. It is especially designed for those demanding high quality radio reception plus fine record reproductions, and it meets these requirements in every respect. Prove its performance by trying one in your own home for 30-days, at our risk!

**The Radio:** A powerful 8-tube 3-band superheterodyne that brings in broadcast programs, foreign short-wave stations, amateur calls, etc. Bands are: 540 to 1,650 kc., 42.9 to 136 meters and 13 to 40 meters. Receiver has the built-in MAGIC ANTENNAIRE. Tubes used: 6SA7GT, 6PG7GT, 6SK7GT, 6P5GT, 6SQ7GT, 6K6GT, SW4GT rectifier and 6US tuning "eye" tube. Three position tone control is included. For complete description of radio, refer to page 7 (model D-71).

**The Phonograph:** Incorporates a powerful G.I. constant speed motor with 12" turntable. Will play 10" and 12" records with the top closed. A wide range Astatic CRYSTAL PICK-UP reproduces the entire musical range with excellent fidelity. Switch changes from radio to phonograph.

**Model D-85 Combination**
Lafayette 8-Tube 3-Band A.C. Superhet Combination. Complete with tubes. For 110 volts, 60 cycles a.c. only. Size: 21" wide, 13¾" high, 14" deep.

**PRICE:** $37.50

For 220 volt operation, add...

$2.00

**Tune in on your favorite radio program—or play the record of your choice!** The Little Symphony provides this diversified performance with a degree of quality that is sure to please you! Apartment dwellers particularly will appreciate the compact construction—the entire assembly can be placed on any convenient table. Try one for 30-days at our risk!

The radio portion of the assembly comprises a well engineered six-tube superheterodyne that features: TWO TUNING BANDS covering from 170 to 555 meters for domestic stations and from 15 to 51 meters for the popular foreign short-wave programs; EXCELLENT TONE AND VOLUME afforded by the 6-tube circuit that uses 6A7 osc-modulator, 6S6 i.f. amp., 6CG7 first audio, 76 detector and a.c.v., 41 output and 84 rectifier; FULL TONE CONTROL to compensate for acoustic conditions; SIMPLIFIED TUNING by means of the illuminated slide-rule dial.

The record playing mechanism makes use of: a tangent arm Astatic CRYSTAL PICK-UP; a constant speed rim-driven motor with turntable that takes either 10" or 12" records (can be played with lid closed), Switch throws from radio to phonograph.

The entire assembly is housed in a compact Walnut cabinet measuring only 18" wide, 12½" high and 13¾" deep.

**Model S-43 Combination**
Lafayette 6-Tube 3-Band A.C. Combination with tubes. For 110 volts, 60 cycles a.c. only.

**PRICE:** $27.50

For 220 volt a.c. operation, add...

$5.00

**Phono-Combination 5 Tube A.C. Super**

IT'S a miniature in size—and "miniature" in price too! But there's nothing miniature about the quality and diversity of entertainment offered by model S-49. It brings you all the radio programs on the domestic broadcast band PLUS your own selection of recorded music. Its compact construction makes it ideal for the small apartment, or it can be used as an auxiliary set. We'd like you to try one at home for 30 days, at our risk. The radio portion of the assembly includes: "ANTENNAIRE", built-in, that eliminates the need for any outside aerial or ground connections except in the most unusual cases. Provisions for external aerial are included. HIGH POWER AND GOOD TONE are insured by the use of late-type tubes, including: 12AS7GT, 12K7GT, 12Q7GT, 508GT "BEAM" POWER tube, and 352GT rectifier. The radio works on either a.c. or d.c. (phonograph on a.c. only).

Other circuit features are: Automatic Volume Control circuit, illuminated full-view dial, 170 to 555 meter tuning range. RECORD PLAYER mechanism comprises a self-starting rim-drive 110 volt a.c. motor with turntable and an Astatic CRYSTAL PICK-UP that provides true fidelity response. Either 10" or 12" records can be played with the lid closed.

CABINET is constructed of selected Walnut veneers in a pleasing two-tone design. Hand-rubbed high-polished finish.

**Model S-49 Combination**
Lafayette 5-Tube Phono-Radio Combination complete with tubes. For 110 volts, 60 cycles a.c. only. Size: 14¼" wide, 13" deep, 10¼" high (with lid closed).

**PRICE:** $19.95

**Phono-Combination 6 Tube A.C. Super**

**TUNE in on your favorite radio program—or play the record of your choice!** The Little Symphony provides this diversified performance with a degree of quality that is sure to please you! Apartment dwellers particularly will appreciate the compact construction—the entire assembly can be placed on any convenient table. Try one for 30-days at our risk!

The radio portion of the assembly comprises a well engineered six-tube superheterodyne that features: TWO TUNING BANDS covering from 170 to 555 meters for domestic stations and from 15 to 51 meters for the popular foreign short-wave programs; EXCELLENT TONE AND VOLUME afforded by the 6-tube circuit that uses 6A7 osc-modulator, 6S6 i.f. amp., 6CG7 first audio, 76 detector and a.c.v., 41 output and 84 rectifier; FULL TONE CONTROL to compensate for acoustic conditions; SIMPLIFIED TUNING by means of the illuminated slide-rule dial.

The record playing mechanism makes use of: a tangent arm Astatic CRYSTAL PICK-UP; a constant speed rim-driven motor with turntable that takes either 10" or 12" records (can be played with lid closed), Switch throws from radio to phonograph.

The entire assembly is housed in a compact Walnut cabinet measuring only 18" wide, 12½" high and 13¾" deep.

**Model S-43 Combination**
Lafayette 6-Tube 3-Band A.C. Combination with tubes. For 110 volts, 60 cycles a.c. only.

**PRICE:** $27.50

For 220 volt a.c. operation, add...

$5.00

**Phono-Combination 8 Tube A.C. Super**

PICTURED here is the Aristocrat of the compact phonograph-radio combinations. It is especially designed for those demanding high quality radio reception plus fine record reproductions, and it meets these requirements in every respect. Prove its performance by trying one in your own home for 30-days, at our risk!

**The Radio:** A powerful 8-tube 3-band superheterodyne that brings in broadcast programs, foreign short-wave stations, amateur calls, etc. Bands are: 540 to 1,650 kc., 42.9 to 136 meters and 13 to 40 meters. Receiver has the built-in MAGIC ANTENNAIRE. Tubes used: 6SA7GT, 6PG7GT, 6SK7GT, 6P5GT, 6SQ7GT, 6K6GT, SW4GT rectifier and 6US tuning "eye" tube. Three position tone control is included. For complete description of radio, refer to page 7 (model D-71).

**The Phonograph:** Incorporates a powerful G.I. constant speed motor with 12" turntable. Will play 10" and 12" records with the top closed. A wide range Astatic CRYSTAL PICK-UP reproduces the entire musical range with excellent fidelity. Switch changes from radio to phonograph.

**Model D-85 Combination**
Lafayette 8-Tube 3-Band A.C. Superhet Combination. Complete with tubes. For 110 volts, 60 cycles a.c. only. Size: 21" wide, 13¾" high, 14" deep.

**PRICE:** $37.50

For 220 volt operation, add...

$2.00
You can’t beat THESE NEW LAFAYETTES for economy, style and performance.

8 TUBE 3BAND AC SUPERHET

UNQUESTIONABLY one of the most sensational values ever offered by Lafayette or anyone else! An exceptionally fine 8 tube 3-band Superhet—a handsome American Walnut veneer console of modern design—at the price you would normally expect to pay for the cabinet alone! Not a “close-out” nor a “discontinued model”—but a current new model that has all the features you only expect to find in the more expensive sets! We know that it is one of the grandest “buys” we have ever offered—and we feel sure that you will think so too—that’s why we say, “Try it at our risk, in your own home, for 30 days!” And we are sure that you won’t need 30 days to make up your mind—the minute you look at it you’ll say, “My, what a swell” radio!

You make up your mind the minute you look at it you’ll say, “My, what a swell” radio!

For your own home, for sure that you will think so too—that’s why we say, “Try it at our risk, in our own home, for 30 days!” And we are sure that you won’t need 30 days to make up your mind—

The power is obtained as a result of the use of a 3-yang condenser and RF pre-selection stage which is employed on the broadcast band.

8" PM Speaker

Provides real fidelity of tone; crystal clear Triple Automatic Volume Control Action is employed to eliminate fading and bloating. A Continuously Variable Tone Control permits adjusting the tone to the individual taste. Sturdy, Rugged Chassis Construction, with oversize parts. Tubes used: 2-6DD’s; 1-6K8G; 1-6Q7G; 1-76; 2-25L6G. Power output tubes 1-5525; rectifiers 14US tuning “eye.” The modern duo-grained cabinet will please the most critical. Its beauty is further enhanced by a streamlined “toupee-type” speaker grille-work, and a Large Illuminated Slide-Rule Tuning Dial. Cabinet dimensions are: 22¼ x 10½ x 11½” high.

MODEL CC-57

Lafayette 8-Tube 3-Band 110 Volt AC (50/60 cycles) and DC Table Model Receiver as described, with tubes and built-in Antenn-Aire.

Your Cost

For Universal operation on 110-220 V., add...$3.00

Full Range

TUNES TO 13 M

TONE CONTROL

More SW Stations

With MAGIC

ANTENN-AIRE
Model BB-4
Illustrated directly above is the Console Model of the Lafayette 8-Tube 3-Band Dual Antenna-Aire Superhet. The exquisitely grained hardwood cabinet is as fine an outstanding piece of furniture as an acoustically correct housing for this marvelous receiver. With its matched 12" dynamic speaker it covers a range of frequencies from the lowest to the highest tones with an amazing fidelity. Overall dimensions: 30" by 18½" by 38" high. For 110-120 volts 50/60 cycles a.c. The Magic Antenna-Aires in this model are somewhat larger than those used in the table model and are the most efficient ever designed, providing excellent reception in practically all locations. Shipped complete with tubes. Shpg. wt. 68 lbs. Code HISON. YOUR COST $49.95 For 220 volts 40/60 cycles a.c. add $2.50.

Model BB-2
The Lafayette 8-Tube 3-Band Dual Antenna-Aire Superhet in a Beautiful modern style lay-down Mantel cabinet as illustrated at top of page. Matched Walnut veneers polished to a high gloss make this an especially attractive receiver that will blend with any period of furnishings. It is compact enough to be easily portable yet large enough to have excellent tone quality. Overall dimensions are 23½" long, 12½" high and 11" deep. Has all the features described above and incorporates an 8" dynamic speaker. It comes complete with tubes and instructions. For 110-120 volts 50/60 cycles a.c. Current drain at 117 volts 60 cycles is 70 watts. Shpg. wt. 46 lbs. Code BENIM. YOUR COST $39.95

This model is also available for operation on 220 volts, 40/60 cycles a.c. For this model, add $2.50.

8 TUBE 3 BAND AC

Super

With this new Dual "Magic Antenna-Aire" 3-Band 8-Tube Superhet, Lafayette again shows the way to better, finer and more modern radio reception. Superb cabinet styling, realistic reproduction plus a new "mobility" make it a truly outstanding receiver. No matter where you place this Lafayette you can have it operating in a moment. Two specially designed built-in Magic-Antenna-Aires, one for the broadcast band and the other for the short wave bands, provide excellent reception under all ordinary conditions. No ground wire or aerial wire need be connected to the receiver—just plug-in and listen! However, you should have to use this Lafayette in a location where reception is difficult, an antenna coil permits the use of any outside aerial.

Among the outstanding features of this feature-packed Lafayette are: Phone, Television-Sound connection; Automatic Button Tuning; Slide Rule Dial; Cathode-Ray Tuning Indicator; Diode Automatic Volume Control; Three Band Reception—7,000 to 22,000 kc. (42,8-13.7 meters), 2,000 to 7,000 kc. (136.3-42.8 meters), 528 to 1,730 kc. (568.1-173.4 meters); Full Range Tone Control; 8" Dynamic Speaker (12" in the console model); Licensed by RCA and Hazeltine.

8 Tube Superheterodyne Circuit

Three glass and five metal tubes are employed in the highly efficient superheterodyne circuit. This circuit provides a high degree of sensitivity and selectivity. The tubes included are as follows: 1-6SK7 as RF amplifier, 1-657A7 as Oscillator-First Detector, 1-6SK7 as IF amplifier, 1-616 as Second Detector, 1-6SK7 as Audio amplifier, 1-6VG6 as beam power output amplifier, 1-5Y3G as Rectifier and 1-6U5 as Tuning Indicator. Sensitivity is 2 microvolts absolute on the standard and intermediate bands and 5 microvolts on the short wave band.

Console and Table Models

This new Lafayette is available in both console and table models. They are identical in all respects except for cabinet, speaker and Magic-Antenna-Aires. The Table Model is housed in a very attractive lay-down style cabinet of beautifully matched and finished Walnut veneers. It has a specially designed 8" speaker that has been carefully matched to the circuit. The Console Model is housed in a "modified-modern" style console cabinet that is very attractive. This model has larger "Magic Antenna-Aires" and a larger 12" matched dynamic speaker.
This deluxe custom built high-fidelity phono-radio combination brings you everything you want to hear the way you want to hear it. The finest of radio reception, domestic or foreign short-wave programs, or unexcelled record reproduction at the flip of a switch! You get a new, ultra-convenient method of operation, too. For any one of your six favorite radio stations, you need only press a button—and to listen to a complete symphony, you need only turn a knob. Seems miraculous, doesn't it? We want you to prove to yourself that this set does all we claim for it and more—try one in your own home for fully 30 days, put it through all its paces—AT OUR RISK!

The Radio section of this combination incorporates the most advanced circuit features including:

**Automatic Push-Button Tuning** that permits instant selection of any one of six pre-selected stations at the touch of a button. Stations are easy to set (from the panel) and settings can be changed as desired.

**Dual "Antennaire"** eliminates the need for any aerial or ground connections. One loop is designed for most efficient broadcast reception, the other for best short-wave reception. A specially matched antenna coil permits the use of an external aerial when the receiver is operated in localities where reception is difficult.

**Limited All-Wave Coverage:** In addition to bringing in the popular domestic broadcasts, this set tunes the most interesting foreign stations, amateur and experimental calls, etc. Three tuning bands are: 173.4 to 568 meters, 42.8 to 136 meters, and 137.7 to 428 meters. Other features are: 12" Symphonic Dynamic Speaker that insures wide-range response, cathode ray tuning "eye", Amplified Automatic Volume Control, dual indicators for tone and band-in-use, full range Tone Control, etc.

**Famous Garrard Automatic 'Changer**

The world famous Garrard Automatic Record Changer, almost human in operation, is employed for optimum record performance. By stacking up to eight records on the spindle (either 10" or 12") you can enjoy approximately forty minutes of uninterrupted entertainment. Just think of ill—a complete symphony, while you relax in the comfort of your easy chair. The changer will repeat any record at will—reject any record at will. The mechanism requires no attention, is fool-proof and precise in operation. A special high-fidelity pick-up is used to insure unusually fine tonal range. Each note is fully bowed and "alive"—you get "...in the studio" quality everytime. For those desiring it, a more simple, uncompromised model is available. This model employs a single record player (Garrard model ACG) in place of the automatic changer.

**Custom Designed Console**

A thing of beauty—a joy to behold. Custom built from beautifully grained matched walnut veneers, this console will be at home in any surroundings. The full-sized top conceals all control panels.

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**Lafayette Automatic Phono Radio Combination**

**8 Tube 3 Band AC Super**

This model provides reception of all the domestic broadcasts plus the popular foreign short-wave stations. Ranges are: 540 to 1720 kc. and 16.4 to 54.6 meters. "Beam Power" Output stage insures distortionless reproduction with more than ample power. Tubes used: 12AT7 converter, 12SK7 f.f. amp, 12SQ7 second detector, a.c. and first audio, 12Q7GT inverter, 2-35LG7's in push-pull "Beam" output stage, and a 25XG7 rectifier. A matched 6V6 speaker is employed. Other features: Full Tone Control; Lip Jacks and switch for phono or television sound input.

**Model BB-7 Automatic Combination**


**Model FE-28**

Lafayette 7-Tube 2-Band A.C. Superhet complete with tubes. For 110 volts 50-60 cycles a.c. Dimensions: 16x8¾x9¾" high. Shpg. wt. 22 lbs. Code HABIT.

**Model FE-28**

Lafayette 7-Tube 2-Band A.C. Superhet complete with tubes. For 220 volt, 40/60 cycle a.c. operation, add...$5.00
TRULY marvelous radio receiver, available as a straight radio, or as a combination including either an automatic record changer, or a single record player. It incorporates a host of features including:

- Dual built-in Antenn-Aires.
- Push Button Tuning.
- Automatic Bass Compensation.
- Static Control Circuit.
- Cathode Royal Eye Tuning Indicator.
- RF Amplifier Stage on each band.
- Improved 12" Electro-Dynamic Speaker.
- Phono or Television-Sound Connection.

No effort has been spared to make this a truly fine receiver. You will marvel at the ease with which you bring in each station clearly and full-toned. You will be pleasantly surprised at the low price.

The dual built-in Antenn-Aires in most cases eliminate the need for outside aerial or ground connections. In locations where reception is difficult, however, an outside aerial may be required and terminals are provided for its connection. One Antenn-Aire is for the broadest band—the other for the short wave band.

Listen to radio at its best. The superhet- erodine circuit incorporates many features that make radio listening a pleasure. A static control circuit minimizes inter-station noise and reduces static noises. It functions on any radio signal.

The Push Button Tuning greatly simplifies the tuning in of those stations to which you listen most often. And the magic eye enables you to tune in visually “right on the nose”—even without actually hearing the station.

A highly fidelity switch enables you to listen to high fidelity stations the way they should be heard. A twist of the knob and the band is narrowed to cut out undesirable noise when listening to stations not capable of covering such a wide band.

All of the popular foreign and domestic station frequencies are covered by the three tuning ranges available. These ranges are as follows: 21.5 mc. to 7.0 mc. (113.7-71.8 meters), 2.1 mc. to 7.0 mc. (42.8-137 meters), and 528 kc. to 1730 kc. (173.3-568 meters). A unique indicator on the dial shows which band is in use and the large slide rule dial is accurately calibrated and well illuminated making it easy to read.

The tubes employed include: 6SK7 r.f. amplifier (on all bands), 6SA7 converter, 2-6SK7's as i.f. amplifiers, 6H6 as diode detector and a.c., 6P5G audio amplifier, 6FRG driver, 2-6V6G's as "beam power" amplifiers, SY20 rectifier and a 6J5 cathode ray "eye" tube. Audio response of the circuit is from 40 to 7500 c.p.s. Sensitivity is one microvolt absolute (500 milliwatts output) on standard and intermediate wave bands, 3 microvolts on short-wave band.

**COMBINATION MODELS**

Model BB-12 incorporates all of the features listed above plus a Garrard Automatic Record Changer. This changer will play eight 10” or eight 12” records in sequence providing up to almost 40 minutes of recorded entertainment. A complete concert without going near the instrument once you have started it. You may, however, reject any record at will by merely turning a knob.

Model BB-13 employs the same make of record player but will only play one record at a time. Reproduction is equal in every respect to the previous model since the same fine crystal pickup is employed. And the cabinets are identical.

**BB-11 In Console Cabinet**

Lafayette 11-Tube 3-Band A.C. Superhet complete with tubes, dual Magic-Antenn-Aires and 12” dynamic speaker in the Console Cabinet as illustrated above. Overall dimensions: 40½” high, 28” wide and 14½” deep. Shpg. wt. 75 lbs. For operation on 110/120 volts 50/60 cycles a.c. Code BROWN. YOUR COST $64.50

**BB-10 Chassis, Speaker and Tubes**

The Chassis only with the 12” speaker, the two Magic-Antenn-Aires and the tubes is available separately for installation in your own cabinet. Chassis dimensions: 17½”x8½”x11” deep. For 110/120 volts 50/60 cycles a.c. Shpg. wt. 43 lbs. Code BOWER—YOUR COST $44.95

For 220 volts 40/60 cycle operation add to above prices $1.00

**BB-12 Automatic Combination**

Lafayette 11-Tube 3-Band A.C. Superhet complete with tubes, dual Antenn-Aire and Garrard model RC-10 Automatic Record Changer mounted in a deluxe Combination Console Cabinet as illustrated above. Dimensions: 40½” high, 25½” wide and 17½” deep. For operation on 110/120 volts 50/60 cycles a.c. Shpg. wt. 135 lbs. Code BRUCE. YOUR COST $109.95

**BB-13 With Single Record Player**

Same as BB-12 above but with Garrard A14G Single Record Player in place of the automatic record changer. Shpg. wt. 118 lbs. Code BUDGE. YOUR COST $96.50

For 220 volt 40/60 cycle operation add $5.00

For complete descriptions of Garrard Players see Pg. 72 in Cat. 78.
Model BB-14 Phono-Radio With Aut. Record Changer
Lafayette 11-Tube 3-Band A.C. Superhet complete with tubes and with Garrard RC-10 Automatic Record Changer. In mahogany Period cabinet 37" wide, 27¼" high, 18¼" deep. For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 150 lbs. Code BHIN.
YOUR COST, COMPLETE.......................... $139.95

Model BB-15 Phono-Radio With Single Record Player
Same as above, but with Garrard ACEG single record player (see Cat. 78 for details on Garrard). Shpg. wt. 178 lbs. Code BASTE.
YOUR COST, COMPLETE .................. $127.50

For 220 volt, 40/60 cycle a.c. operation, either model, add .................................. $5.00

THE RADIO
As noted above, both models incorporate the Lafayette 11-Tube 3-Band Superhet which is described in greater detail on page 15. This excellent radio incorporates such outstanding features as: Dual Magic Antenn-Aire's, Push-Button Tuning, a large 12" Concert Speaker, Static Control Circuit, Automatic Bass Booster, four position Tone Control, Magic Tuning Eye, etc. It is a radio that ranks with the best and is capable of both domestic and foreign reception. Reproduction is clear and life-like.

THE RECORD PRODUCERS
Both models are available with either the famous Garrard Automatic Record Changer, or the equally famous Garrard Single Record Player. The Automatic Changer will play either 10" or eight 12" records in sequence. Up to almost 40 minutes of entertainment can be had with a single loading of the Changer. With the Single Record Player the records must be changed individually. Both employ the famous Garrard Crystal Pickup that reproduces all the original beauty of your recordings and prolongs record life because of its light weight.

THE PERIOD MODEL
The Period model illustrated above, is authentic 18th Century Chippendale. This design has a clean cut appearance that will blend with many other styles successfully, yet individually. It is faced of genuine mahogany veneers beautifully grained and finished it is an especially handsome cabinet. Every detail has been painstakingly executed. The wide front doors swing open to reveal a large speaker baffle opening, covered with rich brocade, and a compartment for your record albums. The radio receiver controls, and the record player, are under the top cover where they are readily accessible.

THE MODERN MODEL
Nothing is quite as refreshing as simplicity. And simplicity is the outstanding attribute of Modern design. Smooth flowing lines—the elimination of superfluous decoration—are characteristic of good modern design. In this new Lafayette console these features reach a new perfection. Smooth rounded corners, carefully inset door panels and the rhythmatic repetition of narrow bars over the speaker grille make this a truly enchanting cabinet. The tasteful employment of contrasting straight and bull grained Walnut veneers further increases its attractiveness. Hand finishing results in a deep, rich luster that brings out all of the beauty of the wood. A particular advantage of this model is the fact that the doors need not be left open when the instrument is played. The small doors at each side of the speaker grille give access to compartments for record storage.

BB-16 Automatic Combination
YOUR COST COMPLETE .................. $134.95

BB-17 Non-Automatic Comb.
Same as the above model but with a Garrard A6C single record player in place of the automatic changer. Will play both 10" and 12" records. (See page 72 of Catalog 78 for complete description). Shpg. wt. 200 lbs. Code BEAXX
YOUR COST COMPLETE ........... $119.95

For 220 volt, 40/60 cycle operation, either of the above models, add .................................. $5.00
Two Favorite LAFAYETTE Models

LOVERS of fine music... these new Lafayette Combinations were especially designed for you. You, who thrill to the beautiful compositions of the old masters, will appreciate more than anyone else how well Lafayette engineers have succeeded in bringing you a new conception of radio and recorded reproduction. These Combinations are more than just ordinary radios with provision for playing records. They are musical instruments designed to bring you the utmost enjoyment from your favorite recordings and radio broadcasts. Listen to a Lafayette Combination...a thrill is waiting for you!

THE RADIO

For radio reception a highly sensitive 3-Band Superhet receiver is employed. It covers three tuning bands: 13.7 to 42.8 meters, 42.8 to 137 meters and 173 to 568 meters. Thus including all of the most popular broadcasting stations on the short wave bands as well as on the standard American broadcast band. Several important features are incorporated to insure the finest possible reception—dual “Antenn-Aires” that eliminate ordinary aerials in most locations (outside aerials can be used where reception is difficult). Push-Button Automatic Tuning, Cathode Ray Tuning Eye, a 12” Concert Dynamic Speaker, Static Control Circuit, Automatic Volume Control Circuit, RF Amplifier Stage for all bands, Beam Power Amplifier Stage, etc. The 11-tube radio circuit employs 1-587 r.f. amplifiers on all bands, 1-687 converter, 2-587 i.f. amplifiers, 1-686 diode detector and a.v.c., 1-65G audio amplifier, 1-586 driver, 2-45G beam power output amplifiers, 1-583 rectifier and 1-8G5a amplifier indicator. The tone control has four positions—(1) normal, (2) high note expansion (high fidelity). The audio frequency range is essentially flat from 40 to 7500 cycles (high fidelity). Power output is 10 watts.

THE RECORD REPRODUCER

These new Lafayette Combinations incorporate what is undoubtedly one of the finest record reproducers ever designed. While part of the radio circuit, together with the large 12” Concert Speaker, is used, a separate Volume Expander Amplifier accounts in a large measure for the most thrilling reproduction of recordings you have ever heard. This expander puts back into the music the complete volume range of the original. A volume range that could not be recorded faithfully because of technical limitations present in all disc recording. This expander amplifier requires the following tubes: 1-6C3G twin triode tube, 1-6R7, 1-8CS and 1-62Y5G rectifier.

Both models are available with either the famous Garraud Automatic Record Changer that will play eight 10” or eight 12” records in sequence automatically, providing almost 40 minutes of entertainment at a single loading, or the equally fine Garraud Single Record Player.

UPRIGHT CONSOLE MODELS


Code BEVE

YOUR COST COMPLETE...

$129.95

BB-19—Same as the above but with the Garraud model AC6G Single Record Player instead of the automatic changer. Shpg. wt. 155 lbs. Code BLANC.

YOUR COST COMPLETE...

$144.95

LOWBOY CONSOLE MODELS


Code BLOND.

YOUR COST COMPLETE...

$149.95

BB-21—Same as above but with Garraud AC6-G Single Record Player instead of the automatic record changer. Shpg. wt. 200 lbs. Code BOXER.

YOUR COST COMPLETE...

$136.50

For 220 volts, 40/60 cycles a.c. (any above) add...

$5.00
An Unusual and Very Useful Gift

For the Home—Use it from the nursery to your bedroom, or living room, so that you can hear the baby cry. From the dining room to the basement playroom, or shop, to call the boys to dinner. From the dining room to the kitchen, or house to garage, etc.

For the Professional Man—Doctor, Dentist, Lawyer, etc. Between the office and reception room, office and nurses, or stenographer’s quarters, etc.

For the Merchant—Between the sales counter and stockroom, executive and general offices, receiving department and stockroom, etc.

For the Farmer—Takes the place of a private telephone between the house and barn, etc. Need not be picked up to be answered. Also fine for listening-in on the barn from the house at night.

G.E. Handy Phone System for only $13.95

Once again Lafayette’s tremendous purchasing power brings you a sensational bargain! A genuine GENERAL ELECTRIC Handy Phone System that listed for $49.90 for only $13.95! A reduction of $36.00 (List) on a product made by one of the world’s leading manufacturers.

It seems almost unbelievable that there are so many applications for a loud-speaker phone system of this type. There is hardly a place you can think of where such a system cannot serve some useful purpose. The woman in the home will appreciate the steps it saves her in calling the children from the basement playroom. A mother will appreciate the peace of mind she gets from listening in to the nursery and knowing that the baby is still asleep.

But, even more important than all of these, it is first of all a loud-speaker telephone system. A system that can be used for voice communication between two or more points at will. The person called at the Remote Station need not pick up a phone but remains where he is, and carries on the conversation in a normal tone of voice!

The basic system consists of the Master Station and one Remote Station. As many as four Remote Stations may be used. One or all may be called at the same time. They can be up to 2,000 feet away and are connected with ordinary two wire twisted lamp cord. Will operate on either A.C. or D.C. (115-125 volts) 25/50/60 cycles.

G.E. Handy Phone System—Consisting of one Master Station with tubes and one Remote Station. Less wire.

L.B. Code CANOE.

Your Cost Special—List $8.95. Your Cost Special—$3.95

5-TUBE 2 BAND 1½ VOLT Super

Lack of power line facilities need no longer bar you from enjoying the finest portable radio reception. Lafayette 5-Tube 2-Band Superhet you can have “city reception” of the standard broadcast channels and foreign and domestic short wave programs of the world. You can use the battery pack used as the source of power for this new Lafayette will provide, under normal conditions, approximately 850 hours of service!

Among the outstanding features of this Lafayette model you will find: 2-band reception covering 540 to 1730 KC (556-17 MHz), and 5.9 to 16 MC (51.67 MHz); 5 low drain tubes (1-1A7G, 2-1NSG’s, 1-1HS, 1-1A5G), matched permanent magnet dynamic speaker continuously variable tone control; flash illuminated slide rule dial and many others that you would expect in only the largest receivers.

The receiver is housed in an unusually attractive walnut-finished hardwood cabinet. Space for the battery pack is provided inside the cabinet itself.

Model E-59

Lafayette 5-Tube 2-Band 1 ½ volt Superhet complete with tubes. Dimensions: 18⅞” x 11⅞” x 10⅞” high. Shpg. wt. 19 lbs. Code EAVES. YOUR COST Less Batteries.

K20165—Special 1½ V. "A" and 90 V. "B" Battery Pack for above. Wt. 28 lbs. YOUR COST $3.45

5 TUBE "3 in 1" RAMBLER Super

"I’ll entertain you no matter where you go," says the Rambler, with charming lack of modesty. But it can afford to brag, for it is remarkably versatile. When you own a Rambler it’s really like owning three different sets. It is just like having a set for a.c. operation—another for d.c. operation—and another for use when there is no current at all and you must use batteries. You see the Rambler was designed by engineers so that it will operate on all three sources of supply—A.C.—D.C.—or self-contained batteries!

Take one with you on the boat, on the train, out in the field on a picnic, or on your travels from hotel to hotel where you never will know what type of current to expect next! Just turn it on and tune to your favorite station—then sit back and listen to a really fine set. You’ll be surprised at the fine tone quality. And there is power to spare, too. That is because the 5-tube superhet circuit makes use of a "beam power" tube that insures clear, natural tones. The tubes used include: 1-1A7G, 1-1NSG, 1-1HS, 1-1A5G, matched permanent magnet dynamic speaker continuously variable tone control; flash illuminated slide rule dial.

The built-in "Antenn-Aire" eliminates the need for an aerial except in outlying districts (terminals for outside aerial included).

Batteries required: 1-7 ½ V. "A"; 2-4 ½ V. "B".

Model T-56 Rambler

Lafayette 5-Tube "3-In-One" Portable. Complete with tubes. Size: 12½” wide, 9½” deep, 6½” high. Shpg. wt. 22 lbs. Code CANOE.

YOUR COST, LESS BATTERIES

K20155—Kit of Batteries for above $2.60
six months guarantee...

Lafayette receiving tubes are guaranteed for a period of six months from the date of purchase (burnouts and broken tubes are not replaceable). This is the most liberal guarantee made by any manufacturer—your assurance of perfection!

10% additional discount...

On all purchases of 25 or more Lafayette receiving tubes, an additional discount of 10% from the net prices shown will be allowed. Servicemen and dealers will find it profitable to take advantage of this opportunity to save money.

**LAFAYETTE GLASS TYPE TUBES**

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**LAFAYETTE "GT" SERIES TUBES**

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**LAFAYETTE "LOCK-PIN" TUBES**

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For the benefit of those who have not received a copy of our catalog No. 78, in which our recent name change was announced; we wish to state: first, that our name ONLY has been changed; second, that our executive staff, personnel and sales locations remain UNCHANGED; third, that our long established policies (for over 20 years) of rapid service, low money-saving prices and guaranteed merchandise all remain UNCHANGED.

Thus, when you deal with Radio Wire Television, Inc., you are still doing business with the SAME company formerly known as WHOLESALE RADIO SERVICE COMPANY, Inc.
**Lafayette HOME**

The finest home electric record player available. Can easily be attached to any radio receiver; full instructions are included. Models are available for either a.c. or a.c./d.c. operation. All models are furnished with CRYSTAL PICK UPS to insure wide-range reproduction. Notes are of excellent quality, governor controlled, and furnished with speed-regulators and automatic stop switch. Volume control and switch mounted on panel. Panel also contains a needle cup and tone arm rest for the pick-up. Entire mechanism is housed in a fine walnut cabinet that has folding hinges. Cabinet has high polished finish, and measures 7 1/2" high, 15 1/4" wide, 13 1/4" deep. All models will play either 10" or 12" records with the lid closed. Refer to listing at right.

**RCA ELECTRIC**

Wireless Model VA-20

(Top) Designed for use with any radio, regardless of make or age, and without the need for any connections other than a.c. power. Has RCA constant speed motor with felt-covered turntable, tangent arm CRYSTAL pick-up, volume control and switch and pilot light current indicator. Plays either 10" or 12" records. Housed in rich brown bakelite case 12 1/2" wide, 8 1/4" deep and 5 1/2" high. Operates from distances up to 30-50 feet from the radio. For 110 volts, 60 cycles a.c. K21168 VA-20 Wireless Record Player, with tubes. Shpg. wt. 8 lbs. YOUR COST $11.44

**RECORD PLAYER TABLE** (illustrated at left)

A beautiful walnut finished type especially designed to be used with table type record players either electric or mechanical. Shell with divided holds 12 records or 8 twelve-pocket albums. Size: 24 1/2" long, 10" wide, 15" deep. No records or albums furnished. Wt. 35 lbs. Model 903—YOUR COST $6.25

FLOOR MODEL SPEAKER CABINET (illustrated at right). Specially designed cabinet for use with any type speaker. Incorporates reflex design where back wave reinforces front wave. Beautiful walnut finish, highly polished. Interior completely lined with sound absorbing material. Large baffle area with cutout for 12" speaker. Overall dimensions are 32 1/4" high, 22" wide and 15 1/4" deep. Amply large to place the average laydown type mantel cabinet radio on top. Very soundly constructed. Shpg. wt. 50 lbs. Model 968—YOUR COST $17.95

**Lafayette "MYSTERY" RECORD PLAYERS**

**"Junior" Model**

This efficient device plays your records through any radio, regardless of make or age and there are NO CONNECTIONS TO MAKE. A built-in transmitter actually "broadcasts" recorded music to your receiver. You merely plug into a 110 volt a.c. outlet, tune your set to the mystery player frequency and your radio reproduces the recorded selection. Equipped with a high fidelity Astatic tangent arm CRYSTAL PICK-UP and a powerful constant-speed motor (78 r.p.m.) with 9" turntable. Plays 10" or 12" records. Volume control on panel—or you can use the set volume control. Jack for toy mike provided. Housed in attractive Walnut case 15 1/4" high, 13 1/4" wide, 7 1/4" deep. K21871—"Junior" Mystery Player complete with tubes. For 110 volts, 60 cycles a.c. Shpg. wt. 17 lbs. YOUR COST $14.95

**"Senior" Model**

The finest wireless record player on the market today! Unsurpassed in tonal quality and in operating features. Furnished with the famous Shure "Zephyr" CRYSTAL PICK-UP that provides high-fidelity reproduction. Has world renowned GARRARD governor controlled motor complete with automatic stop and speed regulator. The oscillator employs three tubes instead of the usual two. There are absolutely NO CONNECTIONS to make, other than to plug into any 110 volt outlet. Volume control and switch located on panel. Has separate jack for toy mike connection. In fine Walnut case with folding hinges: 15 1/4" high, 13 1/4" wide, 7 1/4" deep. Shpg. wt. 22 lbs. K21872—"Senior" Mystery Player, complete with tubes. For 110 volts, 60 cycles a.c. YOUR COST $23.95

**A.C. Models**

K21860—Lafayette Electric Home Player with Astatic crystal pick-up, and motor with 10" turntable. For 110 volts, 60 cycles a.c. Shpg. wt. 18 lbs. YOUR COST $15.25

K21861—Same as above, but with Shure "Zephyr" pick-up and GARRARD motor with 12" turntable. Shpg. wt. 19 lbs. YOUR COST $20.95

**A.C.-D.C. Model**

K21862—Similar to K21861 above, but with GARRARD universal a.c./d.c. motor. Shpg. wt. 20 lbs. YOUR COST $26.95

**RECORD PLAYER**

Model R93-3 "Economy" Player

An inexpensive instrument that quickly converts any modern radio into an electrical radio-phonograph combination. Plays both 10" and 12" records. Includes cushion mounted constant speed motor, latest type feather-touch crystal pick-up in bakelite arm, and volume control and switch. Pick-up arm easily tilted for insertion of needle. Has plug for RCA sets: requires switch and cable for other makes. Brown bakelite cabinet 11 1/4" wide, 9 3/4" deep, 3" high. K21856—Shpg. wt. 10 lbs. YOUR COST $5.65

K22006—Switch and cable $9.95
GENERAL ELECTRIC
Floor Conditioner

★ Cleans: Linoleum, Wood, Rubber, Tile, etc.
★ For Homes, Offices, Stores, Resorts, etc.
★ Easier to Use Than a Vacuum Cleaner
★ 2 Sets of Brushes and 2 Polishing Pads

Made by General Electric, the world's leading manufacturer of electrical appliances for the home and office, this electric floor conditioning machine is one of the finest ever made. It cleans, waxes and polishes all types of flooring—and takes all the drudgery out of this work. It's easier to use than the ordinary home vacuum cleaner, too, for there are no messy dirt-bags to clean or dust to dispose of.

The same machine has an original list price of $49.95—and it comes complete with brushes and polishing pads. Now, because of our tremendous purchasing power, you get the opportunity to buy this machine, at a sensationally low price! The quantity is extremely limited, however, so order today and avoid disappointment.

The machine is beautifully constructed of the finest quality materials. Die-cast aluminum housings, steel gears, a powerful long-life motor that is amply ventilated, a correctly proportioned handle—these are but a few of the many outstanding features of this unit. Every care has been taken in its manufacture to insure finest performance and maximum life. It comes to you complete with two sets (6) of polishing brushes, two cord and plug sets. All accessories are easy to attach. Equipped with a long length all-rubber cord and plug set. Operates from any standard lighting circuit, 110-120 volts A.C. or D.C. Fully APPROVED BY THE GOOD HOUSEKEEPING INSTITUTE, of Good Housekeeping Magazine. Ideal for homes, clubs, night clubs, summer resorts—in fact wherever there are hardwood, tile, terrazzo, etc. floors.

YOUR COST SPECIAL WHITE THEY LAST

$14.95

RED SEAL Hand Vacuum Cleaner

Its whirlwind suction gets all the dirt-whatever it hides! Ideal for daily-to-day cleaning, for tidying and after meals, etc. Removable straight-bristle brush. Compact, light (4 lb.) Tailored dust bag has wire spring support. Unbreakable die-cast frame. Frost-tine finish. Air-cooled self-lubricating powerful motor. Toggle type—with two settings. Underwriters' listed. With 16-ft. all-rubber cord set. For a.c. or d.c. Shpg. wt. 5 lbs. List Price $16.00.

YOUR COST

K25481 $5.75

Coffee Dispenser

This handy kitchen accessory is ideal for the modern kitchen. The "Crystal-Pak" dispenser is designed for housewife utility: one click of the handle in either direction releases just the right amount of coffee for a perfect coffee-making brew. The dispenser is made with a rigid, transparent cylinder that is light and unbreakable: short at a glance when coffee is needed. The unit is easily attached to the wall with the aid of polishing brushes, which are sold separately. Metal parts are plated. Top cover is tight and maintains coffee flavor for long periods.

Shpg. wt. 2 lbs.

YOUR COST

K25480 $1.49

Automatic Toaster Set

This Buffet Service embodies contemporary attractiveness. Automatic Toaster and has been fashioned to take full advantage of its convenient features. The carrying tray is designed with comfortable through grip handles and raised sides and back for safe portability. Panels for holding the four colored pottery relish dishes and the bread board are removable, so that the tray may be used without this standard equipment. Two chrome-plated bread racks are included to hold bread and rolls. The tray is 20"x16" and is Walnut finished; the bread board is maple.

The toaster toasts two slices of bread, both sides at once, to any pre-selected degree of brownness. When the toast is finished, the rack rises automatically and is easily removed from the base. The entire unit is finished in gleaming Chromeplate with black Textile base and control knobs. Has long-life all-chromium heating unit, mica insulated, and is provided with an attached 6-foot cord and rubber plug.


YOUR COST, COMPLETE


YOUR COST

$11.98

"Wrinkle Proof" Iron

This new Universal (Landers, Frary and Clark) iron that lightens the labor of ironing. Finger-tip control gives the exact heat needed, without watching. Low heat for delicate silks: medium for cotton, etc. High for heavy damask fabrics. The automatic adjustable thermostat maintains the correct heat. Features the new Wrinkle-proof Round Heel—iron's backward and sideways as easily as forward. Iron is fully chromium plated. Comes with approved 6-ft. iron cord and plug. For 110-120 volts A.C. only. Shpg. wt. 6 lbs.

YOUR COST

$3.45

"HOTPOINT" Juicer and Mixer

This efficient household aid mixes, shreds, food chopper, soap chopper, etc., and removes from it for use at the sink or stove. Powered by the latest G.E. motor. Requires no attention. Motor speed is variable in three steps; convenient switch is adjacent to the streamlined handle. Motor and base finished in stain proof cream enamel with green trim. Standard equipment includes: portable mixer unit, mixer base, double beaters, large and small Glass bowl, rubber spout, JUICE-O-MAT automatic juicer (consists of juice bowl with adjustable spout, centrifugal strainer, pressure lever and all dropper). Complete with attached all-rubber cord and plug set. Operates at 110-120 volts A.C. or D.C. Shpg. wt. 25 lbs.

YOUR COST

Some machine as the above, but without the JUICE-O-MAT unit, Shpg. wt. 18 lbs. List Price $21.00.

K25384 Less JUICE-O-MAT. YOUR COST

NOTE: Space limitations prevent listing of the many accessibility features. Please inquire for the mixer that is available. This consists of: slicer and dicer, food chopper, soap chopper, food mixer and many others. We can make prompt deliveries. Write for prices.
Practical Electrical Appliances

RED SEAL Mixer and Juicer
It mixes, beats, stirs, extracts fruit juices! And it's priced to help you SAVE. Any housewife will take pride in the ownership of this deluxe kitchen aid. It features: full powered motor that drives through the thickest batter; variable speeds, up to 1200 by simply turning the knob! It meets every mixing need; one-hand portability—the motor easily detaches from the cover frame for hand mixing; mixing bowls revolve automatically; adjustable tray; genuine stainless steel bowl; 14" ivory glass mixing bowls; 3" deep fan-shaped base that eases easy to keep clean handle; and front of motor shell hand buffered and polished; tampered air-cooled, self-lubricating motor operates on 115 volts a.c. or d.c.; Underwriters' Listed. Furnished complete with attached 6-foot oil-rubber cord and plug set. The streamlined handle makes work easier. The entire machine is compact, and can easily be stored in the closet or pantry. Sturdily constructed to give a long, satisfactory service. Furnished complete with detailed instructions. Shpg. wt. 14 lbs. K25478—Red Seal Mixer and Juicer Assembly.
List Price $14.50.
YOUR COST EACH, COMPLETE. **$7.95**

CORONA Kitchen Clock
A modern-designed self-starting electric kitchen clock that gives instant numeral time. Hours, minutes and seconds are shown in easy to read Arabic numerals. Dial is set off by attractive trim. Size: 7½"x6½"x2½".
For 110 volts, 60 cycles a.c.
Shpg. wt. 4 lbs. K25391—Green...3.75 ea.
K25392—Ivory...3.75 ea.
Lots of three, each...$3.60

CHIEFTAIN Executive
Beautifully modern self-starting electric clock styled for the desk of the busy executive. Tells time at a glance. Large Arabic numerals show hour, minutes and seconds. Housed in molded mottled Walnut plastic case 7½"x6½"x2½". For 110 volts, 60 cycles a.c. only.
Shpg. wt. 5 lbs.
K25388—Walnut...$2.98
K25476—Black...$2.98
YOUR COST EACH...$3.25
Lots of 3, each...$2.95

Moonbeam Bed Lamp
A small, compact beautifully streamlined bed lamp that casts a "spot light" directly on the reading matter. Fireproof not to be confused with cheap imitations. Features: powerful magnifying lens, ball and socket joint to permit turning to any angle; universal lamp with felt lining; pull chain socket. Finished in durable bronze. Less bath. Shpg. wt. 2 lbs.
K25437—Your Cost...**$2.10**

"HOT DONUT"
The indispensable HOT WATER HEATER. Simple to use. Just plug into any 110 volt line, a.c. or d.c. and immerse the Hot Donut in water. In a jiffy, you get steaming hot water for washing dishes, for baby's bottle, for shaving or bath water, etc. Built finished aluminum with oil-rubber cord and plug.
K25477—Your Cost Each...71¢

WHITE CROSS Electric Sandwich Toaster
Just the thing for the midnight snack. The "pick-up" meal, etc. This beautiful chrome-plated sandwich toaster has an attractive design etched on top. Quick heating, long-life grids measure 10⅛" long by 5½" wide and are steel, chrome-plated. The unit has expansion hinges that permit toasting of "triple deckers". Polished black ebonite lifting handles are provided. Comes complete with an approved cord and plug set. Consumes 575 watts and operates on 110-120 volts a.c. or d.c. Fully approved by Underwriters' Laboratories. Shpg. wt. 7 lbs. Model 229.
K25061—Your Cost...**$2.89**

WHITE CROSS Automatic Two-Slice Toaster
A two-slice automatic toaster that does a perfect job of toasting with no watching. Special timing device controls current to pot, allowing for light, medium or dark toast. When toast is done, it is kept crisp and fresh indefinitely by the secondary flow of current that keeps it hot without further toasting. Beautifully designed finish in rich chrome plate with fancy chrome washers, bakelite knobs and feet. With approved cord and plug set. Shpg. wt. 7 lbs. Model 227A.
For 110-120 volts a.c. only.
K25251—Your Cost...**$6.47**

Electromix E-50
A combination electric mixer and whipper in one. Equipped with a powerful Vidrio built motor, tested and approved by Underwriters' Laboratories Inc. Handy finger-tip control switch stops whipper instantly. Metal top and motor housing finished in green enamel. Graduated bowl of heavy crystal glass, capacity 1-pint. Detachable stainless steel beaters. Easy to clean. Mixer unit is portable, and can be used with other containers. Whip cream, beats eggs, mixes doughnuts, etc. With Approved rubber cord and plug set. For 110-120 volts 60 cycles a.c. only. Shpg. wt. 4 lbs.
K25055—Model E-50 Electromix.
YOUR COST EACH...**$1.15**

Approved 3-Heat Pad
Finest quality 12x15" heating pad. Has built-in 3-position switch for low, medium or high heat. Multi-thermostat safety control on each range. Has extra soft, flexible downy covering. Patented wet-proof interlining. Element Insulated. Costs about ½ cent per hour to operate. Wt. 2 lbs. K25421—YOUR COST...$1.79
Similar to above, but 12x14½". Has flannel covering. No interlining. Shpg. wt. 2 lbs. K25423—YOUR COST...$1.29

Electromix E-50
Erector Sets for the Embryo Engineer

**No. 3½ ERECTOR**
Intermediate Set. Comes with new big base plates, angle girders, big red base wheels, new skyscraper parts, etc. Builds derricks, walking beam engine, lift bridge, snow remover, trucks, elevators, skyscrapers, etc. The "How-To-Make-'Em" book gives complete instructions. In attractive box 18½x10½x1¼". All parts of structural steel. Shpg. wt. 5 lbs. List $5.50. YOUR COST $2.60

**No. 6½ ERECTOR**
This super-builder set comes with an induction motorized electric engine with gears, pinions, pulleys, etc. It operates on 110 volts a.c. only; requires no batteries or transformer. The engine drives many of the fine structures that can be built with this outfit, such as: windmill, airplane, beacon, pile driver, and numerous other models that operate under their own power. Includes miniature house for bridge tender, watchman, ticket seller, etc. Comes with a "How-To-Make-'Em" book that gives detailed instructions for building dozens of interesting things. In METAL cabinet with hinged top cover. Size: 16½x8x8½". Shpg. wt. 9 lbs. List $8.50. K2549—YOUR COST $5.95

**NOTE:** Because of Fair Trade contracts in the state of Pennsylvania, we cannot sell Erector Sets in that state at the prices shown above. Orders from Pennsylvania shipped at LIST price only.

**No. 8½ ERECTOR**
**Electric Motor**
**Lifting Magnet**
The Engineers Set. Designed for the more advanced embryo engineer, this deluxe outfit contains an 110 volt reversing electric engine and a powerful lifting magnet. Builds many interesting and entertaining models, such as: ferris wheel, bridges, oil drilling rig, magnetic crane, derricks, etc. Includes lights, miniature house, increased number of base plates, girders, etc. The "How-To-Make-'Em" book furnished with this outfit gives complete details for constructing dozens of different models. Packed in a strong METAL cabinet 20¼x12¼x13". Shpg. wt. 21 lbs. List Price $12.95. K2547A—YOUR COST $9.70

**No. 10½ ERECTOR**
The Electric Train Set. This outfit features completely assembled electric locomotive with circle of track, additional equipment builds tender, freight cars, turntable, and many other fine models. Contains a transformer, two motors (one mechanical and one electrical that operates from any 110 volt a.c. line); electric motor has forward and reverse movements. Electric lights illuminate all models. Outfit also includes a powerful electro-magnet, miniature house, etc. Every young railroader will get loads of pleasure from this deluxe set. Outfit is packed in a METAL cabinet that has a hinged cover. Overall size: 24½x14x14½". Shpg. wt. 37 lbs. K25480—List $29.95. YOUR COST $22.45

**No. 310 Microscope Outfit**
A deluxe outfit containing the professional type Research Microscope with 3-base objective, velvet action rack and pinion focusing and carefully ground and polished lenses of optical glass, Microscope Slide Rack, test tube extended and has magnification from 75 to 550 diameters. Outfit also includes the Polaroid Junior Microscope Manual and Polarizing Attachments. An assortment of chemicals makes possible many interesting experiments. Also included are 10 biological specimens, slide labels, cover glasses, lens paper, color filters, glass microscope slides, Canada balls, assorted biological stains, dissecting needle, rubber bulb pipette, tweezers, brush, glass dropping rod and a 62-page Instruction Manual. In wood cabinet 19½x10¼x4". K25441—Shpg. wt. 8 lbs. List $10.00. YOUR COST $7.50

**No. 10 DeLuxe Chemistry Outfit**
Housed in a strongly constructed laboratory style wooden cabinet containing both built-in and removable test tube racks, mortar and pestle, alcohol lamp, blow torch, gas generator and numerous other useful pieces of equipment. The No. 10 Chemcraft Manual describes 52 scientific and entertaining experiments in chemistry and chemical magic. Chemcraft Electro-chemistry explains how to perform many interesting demonstrations of electroplating and electrolysis; Glass Blowing and the construction of Laboratory Apparatus explains the forming and blowing glasses plus the plans for building many useful pieces of laboratory equipment. Chemcraft Formulas and Symbols clearly sets forth the construction of chemical formulae and the explanation of chemical symbols. Housed in a wood cabinet that is finished in a rich dark stain. Overall size 21¼x11½x4"; when opened, 42x11⅛x4". Shpg. wt. 14 lbs. K25022—List Price $10.00. YOUR COST COMPLETE OUTFIT $7.50

**No. 4½ ERECTOR**
The famous set with the powerful mechanical motor. No wires, batteries or transformer necessary. Makes all sorts of devices that work — lots of fun for the young engineer. Builds horizontal engine, windmill, trike frame, truck, etc. Miniature house for bridge tender, ticket seller, etc. is furnished. Also includes girders, large wheels, base plates, etc. "How-To-Make-'Em" book gives complete instructions for building many interesting models. In attractive hinged cover box 18x10½x2½". Shpg. wt. 5 lbs. List $5.50. K25098—YOUR COST $3.75

**No. 7½ ERECTOR**
The Electric Engine Set. Electric two engine gear shift operates two movements, each of which can be independently stopped, started or reversed. Electric lights illuminate the models. This outfit builds all types of steam engines, truck, derricks, etc., and includes a boiler, large wheels, base plates, gears, pins, and other parts. "How-To-Make-'Em" book gives explicit building instructions for a host of highly interesting structures. Packed in a sturdy METAL cabinet that measures 18¼x10½x3½". Shpg. wt. 14 lbs. List $10.00. K25097—YOUR COST $7.50

**E R E C T O R  S E T S**
c a l  g l a s s . M i c r o s c o p e  i s
R e s e a r c h  M i c r o s c o p e  w i t h  3 - n o s e  o b j e c t i v e ,
A  d e lu x e  o u t f i t  c o n t a i n i n g  t h e  p r o f e s s i o n a l  t yp e
P o l a r o i d J u n i o r M i c r o s c o p e M a n u a l a n d P o l a -
**FLEX-I-TRACK**

It's revolutionary! It rolls out—rolls up—takes a moment to set up, and it fits all "O" gauge equipment. With Flex-I-Track, the train set is ready for use in a jiffy, and there are numerous interesting track layouts you can make. It will run around table and chair legs— it curves evenly and makes shapes impossible to obtain with any other type of track. Flex-I-Tracks are sturdy, too—a grown man can stand on the tracks without bending them. Has natural wood ties, just like the real railroad tracks. Individualize your miniature railroad the new way, the modern way—with Flex-I-Track. Supplied in two sections totaling 10 feet (1-six foot and 1-four foot length). Packed in an attractive carton. Shpg. wt. 4 lbs. per carton. List $3.50. K23368—YOUR COST. $2.45

**FLEXI-I-TRACK**

Frog Switch

It's a replica of the real frog switches. It automatically sets itself, regardless of the direction in which the train is running, and thus prevents wrecks. It's reversible, too—it can be used for either right or left hand curves. Made of molded bakelite. For "O" gauge, list $2.00. K25412—YOUR COST. $1.40

**BUDDY "L" Printing Press**

With this realistic printing press, any youngster can do a real professional printing job. Personal cards, stationery, little newspapers and the like can be set up, made ready and printed. Operates on the same principles as the real presses. Highly entertaining and instructive. Outfit consists of: 1-Printing Press with Drawer; 1-Foot of Metal Type containing 179 12-point characters; 1-Case for Type; 1-Choice; 1-Set of Wood Furniture; 1-Tube of Black Ink; 1-Set of Quads; 1-Screwwdriver; 1-Pair of Tweezers; 1-Filler Plate; 1-Set of Quoits. Operates automatically. Constructed of heavy gauge metal with bright enamel finish. Complete Instruction book describes all operations. Shpg. wt. 12 lbs. K23360—YOUR COST. COMPLETE PRINTING PRESS. $6.95

**DeLuxe A.C. Electric Record Player**

In Walnut Case

Here's a record player that's "toy-like" in price—but far from a toy in quality of reproduction and construction. It has features never before offered in a machine selling at so low a price:

- new type synchronous, constant speed a.c. electric motor that has no reducing gears and consumes only 4 watts; felt covered turntable that will take all 10" or 12" records; "on-off" toggle switch on panel; efficient sound box that reproduces music and voice with surprising fidelity; modern Walnut veneer cabinet with contrasting trim. Compact, and easy to use—just plug into the nearest 110 volt a.c. outlet. (60 cycles). Size: 12½x9½x7½". Shpg. wt. 6 lbs. K21866—YOUR COST. $4.45

**Toy Record Albums**

Children love music—that's why these kiddie records make such popular gifts. They're educational, entertaining and lasting. Each album contains FOUR double-faced 7" records—all electrically cut. Albums have attractive colorfully designed signs on cover. Shpg. wt. 2 lbs. K25443—Nursery Songs K25444—Merry Games K25445—Jolly Hour Songs K25446—Mother Days K25447—Uncle Don K25448—Cheery Songs K25449—Jingles YOUR COST, ANY 4-RECORD ALBUM. $7.95

**"REAL PHONES"**

Two-way telephones that operate on standard dry cells and give REAL talking service. Phones are of the cradle type, signal buzzers contained in the base. Set consists of two sets of cradle type phones, 35-feet of twisted wire and full instructions. Two cells required for each phone. Shpg. wt. 5 lbs. K17373—YOUR COST, Less Cells. $4.12

K20133—Evers Ready Dry Cells. EACH. 21c

K20896—YOUR COST. $1.95

100 Feet of indoor, 3-conductor wire, Wt. 3 lbs. K14024—YOUR COST. $1.97

**MARVEL PHONES**

For inter-communication in homes, offices, Swell fun for boys, too. Works up to 2000 feet. Talks and signals just like commercial phones. Use two cells at each phone for distances up to 75-ft.; four for more. Contains two complete sets of two phones, 35-ft. of wire and instructions. Wt. 4 lbs. K14024—Less Cells. YOUR(cost). $2.65


**BUDDY "L" Savings and Recording Bank**

Here at last is the kind of bank every child will enjoy—really enjoy putting money into. And that's because he has a complete record of his savings; a pass book all his own, and an opportunity to surprise Mother and Dad by his or her thrift. With slight encouragement from parents, the habit of saving may be planted early. Operation is simple. Deposit the coin (tokens pennies, nickels, dimes or quarters), insert the pass book in the slot provided and press the lever. The coin is safely put away, and a complete entry of the amount is recorded. Made of heavy gauge metal, beautifully colored. 6-7/16x6-5/16x3/4". Shpg. wt. 3 lbs. K25442—YOUR COST. $9.35

**VOCAGRAPH**

A.C. Electric Record Player All-Metal Case

An excellent quality record player is a sturdy all-metal housing. For use in the home, class room, school dormitory, playhouse, etc. Engineered for fidelity of musical tone quality, handsomely designed in royal blue crackle finish, its astonishingly low price brings the world's ranking music within the reach of every purse. Has a constant speed A.C. electric motor with turntable for all records up to 10". Noisless in operation. "On-off" switch on panel. Equipped with fine quality orthophonic type sound box mounted on an all-metal tone arm. Furnished with attached cord and plug set. Operates on 110 volts, 60 cycles a.c. only. Shpg. wt. 6 lbs. K21865—YOUR COST. $3.97
"027" Series No. 1073W Freight Train Outfit

This streamlined beauty has six drive wheels and is as speedy as it looks. A built-in reversing mechanism permits you to make it go forward or backward by remote control. And a built-in whistle has an unusually realistic tone. The complete outfit includes:

1. No. 1686 Locomotive
2. No. 1689 W Tender
3. No. 1679 Box Car
4. No. 1680 Oil Tank Car
5. No. 1682 Caboose
6. Sections 1013 Curved Track
7. Sections 1018 Straight Track
8. No. 1018 Lockon
9. No. 1040 Combination Transformer and Whistle Controller.

No. 1073W "027" Freight Train Outfit complete with transformer. Shpg. wt. 14 lbs. List Price $11.75. YOUR COST $8.36

Note that this outfit comes complete with transformer ready to operate. The train is 44 inches long and the track supplied will form an oval 27\(\frac{1}{2}\) by 36\(\frac{3}{4}\) inches.

No. 1073W "027" Freight Train Outfit less whistle and No. 1029 Transformer. Shpg. wt. 12 lbs. List Price $7.25. YOUR COST $5.66

"027" Series No. 1087W Freight Train Outfit

This interesting train of freight cars is hauled by an accurately detailed four-wheel four drive locomotive. The boiler and cab of the locomotive are die-cast and have a wealth of individual detail. You can run it forward or backwards and operate its realistic whistle entirely by remote control. The whistle can be blown when the train is still or running at any speed. The cars furnished are attractively enamelled in bright colors. The complete outfit including:

1. No. 1664 Locomotive
2. No. 1689 W Tender
3. No. 1612 Oil Tank Car
4. No. 1680 Oil Tank Car
5. No. 1682 Caboose
6. Sections 1013 Curved Track
7. Sections 1018 Straight Track
8. No. 1018 Lockon
9. No. 1040 Combination Transformer and Whistle Controller.

The complete train is 44\(\frac{1}{4}\) inches long, Track supplied forms an oval 27\(\frac{1}{2}\) by 36\(\frac{3}{4}\) inches.

No. 1087W "027" Freight Train Outfit complete with transformer. Shpg. wt. 15 lbs. List Price $10.75. YOUR COST $9.79

No. 1073W "027" Freight Train Outfit less whistle and No. 1029 Transformer. Shpg. wt. 13 lbs. List Price $9.95. YOUR COST $7.09

"027" Series No. 1097W Completely Electrified Freight Train Outfit

This new model is one of the "grandest" values we have ever seen. It is completely "electrified" having all of the new Lionel features such as "electric remote control couplers," "electrically unloaded lumber and gondola cars," "operating crane," "built-in whistle," "electric floodlight car," etc. The built-in drive-wheel locomotive hauls the long five car train with ease and can be operated forward or reverse at will by remote control. The complete train includes:

1. No. 1666 Locomotive
2. No. 2689 W Tender
3. No. 2620 Electric Floodlight Car
4. No. 3651 Electric Lumber Car
5. No. 2650 Crane Car
6. No. 3652 Electric Gondola Car
7. No. 2682 Caboose
8. No. 160 Unloading Bins
9. Sections 1013 Curved Track
10. Sections 1018 Straight Track
11. No. 1019 Track Set
12. No. 1040 Combination Transformer and Whistle Controller.

The complete train is 60\(\frac{1}{4}\) inches long. The track supplied forms an oval 27\(\frac{1}{2}\) by 54 inches. Note that a transformer is supplied with this outfit and that it is complete and ready to operate the moment you get it. The track set supplied is used with the electrically operated lumber and gondola cars for dumping and all the others for un-coupling. See "027W." Complete Electrified Freight Train Outfit complete with transformer. Shpg. wt. 11 lbs. List Price $25.00. YOUR COST $17.81

"027" Series No. 1089W Freight Outfit

Hauled by the largest locomotive made in "027" gauge this is a really impressive outfit at a very reasonable price. The locomotive is die-cast, accurately detailed and "scale proportioned." It has six large drive wheels and an interesting drive gear. The locomotive alone stands 3\(\frac{1}{4}\) high and with its tender is 16\(\frac{1}{4}\)" long. It has a built-in whistle that is very realistic. It can be run forward, stopped and reversed at will entirely by remote control. All cars have remote-control "electric couplers". The complete outfit includes:

1. No. 1666 Locomotive
2. No. 2689 W Tender
3. No. 2679 Box Car
4. No. 2680 Oil Tank Car
5. No. 2982 Caboose
6. Sections 1013 Curved Track
7. Sections 1018 Straight Track
8. No. 1019 Track Set
9. No. 1040 Combination Transformer and Whistle Controller.

Note that this outfit includes the transformer and is ready to operate the moment you get it. The train is 45\(\frac{3}{4}\)" overall and track forms oval 27\(\frac{1}{2}\) by 45\(\frac{1}{4}\). No. 1089W "027" Freight Train Outfit with whistle and transformer. Shpg. wt. 17 lbs. List Price $16.50. YOUR COST $11.76

No. 1089W Freight with Switches

This outfit is the same as the No. 1089W outfit but also includes a pair of No. 1121 remote control switches and 2 more sections of 1013 curved track and 2 more sections of 1018 straight track. The complete outfit is illustrated directly below the 1085W. Shpg. wt. 21 lbs. No. 1089W Freight Outfit with switches. List Price $21.25. YOUR COST $15.14

No. 1093 - Same but without whistle. List Price $17.56. YOUR COST $12.47

No. 1089 - Same as above but without whistle and with No. 1029 transformer in place of the 1040. List Price $12.75. YOUR COST $9.08

No. 1093W Freight with Switches

This outfit is the same as the No. 1093W outfit but also includes a pair of No. 1121 remote control switches and 2 more sections of 1013 curved track and 2 more sections of 1018 straight track. The complete outfit is illustrated directly below the 1085W. Shpg. wt. 21 lbs. No. 1093W Freight Outfit with switches. List Price $21.25. YOUR COST $15.14

No. 10933 - Same but without whistle. List Price $17.56. YOUR COST $12.47
"O" Gauge No. 139W Freight Train Outfit

A big "O" Gauge die-cast Locomotive hands you that beautiful freight train at a merry clip. The loco is die-cast with an unusual number of details of scale model accuracy. The cars have electric remote-controlled couplers and the train is equipped with a built-in whistle. The oil tank car is brightly colored and carries the Shell insignia. The lumber car is loaded with logs.

Complete outfit includes:
- 1 - No. 229 Locomotive
- 1 - No. O-268W Tally
- 1 - No. 2624 Oil Tank Car
- 1 - No. 2621 Lumber Car
- 1 - No. 2657 Caboose
- 8 - Sections OC Curved Track
- 1 - Section OS Straight Track
- 1 - RCS Track Set
- 1 - UTC Lockon
- 1 - Whistle Controller

The overall length of the train is 42½ inches. The track supplied forms an oval 41 by 30½ inches. No. 139W - "O" Gauge Freight Train Outfit as described above. Shpg. wt. 17 lbs.

List Price $16.75.

Your Cost $11.93

"O" Gauge No. 141W Freight Train Outfit

A heavy-duty "O" gauge motor supplies the power for this realistic six-drive-wheel locomotive. Both Locomotive and Tender are die-cast and accurately detailed. The six drive wheels are of the modern disc type and bear the Baldwin name. The train has a built-in whistle and all cars have electric remote-controlled couplers. They are beautiful cars enameled in bright colors. The Oil Tank Car carries the Shell insignia and is in the well known yellow and red colors.

The complete train includes:
- 1 - No. 224 Locomotive
- 1 - No. 2224W Tender
- 1 - No. 2652 Gondola Car
- 1 - No. 2654 Oil Tank Car
- 1 - No. 2657 Caboose
- 8 - Sections CC Curved Track
- 1 - Section OS Straight Track
- 1 - RCS Track Set
- 1 - UTC Lockon
- 1 - Whistle Controller

The Locomotive and Tender alone measure 17½" - the complete train 41" long. The track supplied forms an oval 51½ by 30½".

No. 141W - "O" Gauge Freight Train Outfit as described above. Shpg. wt. 18 lbs. List Price $18.75.

Your Cost $13.36

"027" Series No. 109W Freight Train Outfit

A Lionel Freight Train Outfit that includes an abundant opportunity for thrills and action. It whistles, reverses, uncoupling, and unloading—entirely by remote control. The six-drive-wheel locomotive hauls the four car freight train with ease right up to the unloading bin—without touching the train. A touch of the whistle and out of the dump car slides a load of coal. The complete outfit includes:
- 1 - No. 1666 Locomotive
- 1 - No. 2689W Tender
- 1 - No. 2679 Box Car
- 1 - No. 2659 Electric Dump Car
- 1 - No. 2680 Oil Tank Car
- 1 - No. 2687 Caboose
- 1 - No. 160 Unloading Bin
- 8 - Sections 1013 Curved Track
- 5 - Sections 1018 Straight Track
- 1 - No. 1019 Track Set
- 1 - UTC Lockon
- 1 - No. 1040 Combination Transformer and Whistle Controller

A general supply of realistic artificial coal.

Note: That this outfit includes the transformer and is ready to operate the moment you get it. The train is 54 inches long, the track supplied forms an oval 27½ by 54½ inches. No. 109W - "027" Freight Train Outfit with whistle and transformer. Shpg. wt. 15 lbs. List Price $19.50.

Your Cost $13.90

No. 1091 Train Outfit

No. 1091 - Same as the above but without the whistle and with a No. 1029 transformer in place of the combination transformer and whistle controller. Shpg. wt. 17 lbs. List Price $15.75.

Your Cost $11.22

"027" Series No. 1095W Freight Outfit

Here is an outfit that will keep you amused for hours at a time! There are so many things that you can do! A husky six-drive-wheel steam type locomotive, hauls a train of cars around a large oval track with three tracks running the length of the oval. A pair of remote control switches permits switching the train to either mainline track.

Then there is the coal bunker that has an automatic chute which can be remotely controlled to load up the coal car. A manually operated endless chain of bucket cars to carry the coal out of the supply well and dumps it into the top of the bunker. You run the train alongside the bunker, press a button, and down pours the coal into the dump car. Now run the train around to the unloading bin, press another button, and you dump the coal out of the car into the bin. We haven't the space here to tell you all of the other interesting things you can do with this outfit, such as the electric spotlight car, the built-in whistle, the remote control electric couplers, etc. But just look at all you get in this outfit:

1 - No. 1666 Six-Wheel Drive Locomotive
1 - No. 2689W Whistling Tender
1 - No. 2659 Electric Dump Car
1 - No. 2680 Oil Tank Car
1 - No. 2650 Electric Searchlight Car
1 - No. 2657 Caboose
1 - No. 96 Coal Elevator
1 - No. 160 Unloading Bin
1 pair - No. 1121 Electric Remote Control Switches
10 - Sections 1013 Curved Track
5 - Sections 1018 Straight Track
1 - No. 1013 Track Set
1 - UTC Lockon
1 - No. 1040 Combination Transformer and Whistle Controller

Large Supply of Artificial Coal.

The train is 52 inches long. List Price $28.50.

Your Cost $21.02
The No. 224 Locomotive furnished with this outfit is very realistic in appearance and has six driving wheels of the Baldwin type with the Baldwin name, a very impressive driving action. It is 3 1/2 high (overall) and together with the coal tender measures 12 1/4 long. The tender incorporates a built-in whistle (also available without whistle at lower cost noted below) that has the distinctive tone of the big powerful trains.

Another outstanding feature of this train is the electrically operated Lumber Car that dumps a load of logs by remote control—just press a button and the logs roll off into the unloading bin. All cars have electric remote control couplers which permit uncoupling any car by merely pressing a button. The powerful crane can be used in numerous ways but the most popular will be the lifting of one of your derailed cars back onto the track after a wreck. You can also uncouple any car by remote control. The locomotive has six disc type driving wheels with the name Baldwin on them. Train is 60" long and track supplied forms an oval 51 1/2 by 30" inches.

Outfit includes:
1-224 Locomotive
1-224W Tender
1-2659 Electric Dump Car
1-3652 Electric Gondola Car
1-3656 Crane Car
1-3651 Electric Lumber Car
1-2657 Caboose
1-3 Sections OC Curved Track
1-3 Sections OS Straight Track
1-3 Sections 18" Radius Track Set
1-UTC Lockon
1-Whistle Controller
1-3652 Unloading Bin

No. 145W —Ou.tfit with whistle. Shpg. wt. 22 lbs. List Price $29.50.
YOUR COST $21.02

The type "Q" Trainmaster Transformer will operate this train. Type "B" which is larger provides extra power for many additional electric accessories.

A "O" Gauge No. 143W
Freight Train Outfit

Outfit No. 143W is an exceptionall\y realistic outfit furnished with a very large No. 224 Locomotive and its tender alone are 21 1/2 inches long! It is a 4" gauge model that is very realistic. The complete train includes everything necessary for a complete operation, except track and a work train. The coal car is a model of all cars a train meets. It furnishes more power, than any other train of this length, will provide for the addition of many accessories.

Outfit includes:
1-224 Locomotive
1-224W Tender
1-2659 Electric Dump Car
1-3652 Electric Gondola Car
1-3656 Crane Car
1-3651 Electric Lumber Car
1-2657 Caboose
1-3 Sections OC Curved Track
1-3 Sections OS Straight Track
1-3 Sections 18" Radius Track Set
1-UTC Lockon
1-Whistle Controller
1-3652 Unloading Bin

No. 143W —Ou.tfit with whistle. Shpg. wt. 22 lbs. List Price $29.50.
YOUR COST $23.16

B "O" Gauge No. 145W
Freight Train Outfit

One of the most versatile outfits that Lionel has ever offered. Three of its cars unloading electrically by remote control. It has an operating crane, a whistle. And all cars have electric remote couplers. You can duplicate almost every operation of a real railroad by remote control. You can go forward, stop and reverse at will. You can dump a load of coal from the coal car—and unload on a conveyor of barrels from your gondola car—or roll a shipment of logs off the flat car—entirely by remote control by just pressing a button! The powerful crane can be used in numerous ways but the most popular will be the lifting of one of your derailed cars back onto the track after a wreck. You can also uncouple any car by remote control. The locomotive has six disc type driving wheels with the name Baldwin on them. Train is 60" long and track supplied forms an oval 51 1/2 by 30" inches.

Outfit includes:
1-224 Locomotive
1-224W Tender
1-2659 Electric Dump Car
1-3652 Electric Gondola Car
1-3656 Crane Car
1-3651 Electric Lumber Car
1-2657 Caboose
1-3 Sections OC Curved Track
1-3 Sections OS Straight Track
1-3 Sections 18" Radius Track Set
1-UTC Lockon
1-Whistle Controller
1-3652 Unloading Bin

No. 145W —Ou.tfit with whistle. Shpg. wt. 22 lbs. List Price $29.50.
YOUR COST $21.02

C "O" Gauge No. 151W
Freight Train Outfit

Here is a complete working outfit. The powerful looking No. 225 Locomotive with six modern disc type driving wheels, lens projected headlight and its air compressor on one side of the engine, make this a very realistic heavy freight. The engine is 3 1/2 high and with its coal filled tender is 17 1/4 long. Three electrically operated dump cars dump their load of coal automatically at the touch of a remote control button. And the coal elevator is also entirely electrically operated. Coal is placed in the well and at the touch of a button an electric motor drives a chain of buckets to take it to the hopper. The touch of another button opens the gate and the coal slides down the chute into the coal cars. The track furnished with the outfit forms an oval 51 1/2 by 30 1/2 inches.

Outfit includes:
1-225 Locomotive
1-225SW Tender
1-97 Coal Elevator
1-2659 Dump Cars
1-3652 160 Unloading Bins
1-2657 Caboose
8-OC Curved Track
3-OS Straight Track
1-RCS Track Set
1-UTC Lockon
1-Whistle Controller
Large Quantity of Artificial Coal

The length of the train overall is 51 1/2 inches.
No. 151W —Outfit complete with whistle. Shpg. wt. 29 lbs.
List Price $34.50.
YOUR COST $26.72

D "O" Gauge No. 193W
Freight Train Outfit

Hauled by a huge whistle-equipped 2-6-4 type locomotive this completely equipped work train is an impressive outfit. The No. 226 Locomotive and its tender alone are 21 1/2 inches long! It is a die-cast scale model that is very realistic. The complete train includes everything necessary for a complete operation, except track and a work train. The gondola car has a set of tools and the crane car is powerful enough to lift a car onto the track with ease. A twin floodlight car with adjustable lamps will flood the scene of operations with plenty of light. The lights can also be kept lit while the train is running. Electric remote control couplers permit uncoupling any car by merely pressing a button. All operations, starting, stopping, reversing and uncoupling can be performed at a central location. The train is 65 inches long and sufficient track is supplied to make an oval 61 1/2 by 30 1/2 inches in size.

Outfit includes:
1-226 Locomotive
1-226W Tender
1-2812 Gondola Car with tools
1-2810 Crane Car
1-2813 80' Floodlight Car
1-2817 Caboose
8-Sections OC Curved Track
5-Sections OS Straight Track
1-RCS Track Set
1-UTC Lockon
-Whistle Controller

No. 193W —Outfit with whistle. Shpg. wt. 27 lbs. List Price $37.50.
YOUR COST $26.72

The Type "B" Trainmaster Transformer will operate this train. However, the larger, more powerful, Type "W" Trainmaster Transformer is recommended since this will allow for the addition of more accessories.
"O" Gauge No. 239-239B-241 and 2418 Switching Engine Outfits

These new outfits have a switching engine and tender that can be uncoupled from the other cars by remote control—anywhere. Locomotive and tender are perfect scale models with die-cast cab and boiler, chromed plated drive rods and stainless steel pipes. Electric bell with a deep tone rings continuously or can be turned off by a lever.

All outfits have the same equipment except for size of cars. Engine and tender match car sizes. Train includes: box car, oil tank car, caboose. 6 OC curved track, 3 straight track—1 RCS track set, UTC lockon, No. 168 uncoupling and reversing control. No. 168 cars have standard remote control couplers for uncoupling on RCS track section only—only engine with tender uncouples anywhere.

2418 Switching Engine Outfit

No. 231—Same as above but without bell.
List Price $29.50.
YOUR COST $21.02

No. 241—Outfit as described with 2800 series cars. With bell. Shpg. wt. 1 lb.
List Price $33.50.
YOUR COST $23.16

TYPE "O" TRAINMASTER TRANSFORMER WILL OPERATE ANY OF THE ABOVE TRAINS BUT THE LARGER TYPE "B" TRAINMASTER TRANSFORMER WILL PROVIDE FOR MANY ILLUMINATED OR AUTOMATIC ACCESSORIES.
Add to Your Fun with Additional Cars

"027"—"O"—"072" & Standard Gauge

<table>
<thead>
<tr>
<th>Type of Car</th>
<th>Lionel No.</th>
<th>For Gauge</th>
<th>Length</th>
<th>Electric Couplers</th>
<th>YOUR COST</th>
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<td>Searchlight</td>
<td>2802</td>
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<td>Gondola Car</td>
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<td>B ox Car</td>
<td>2814</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$2.67</td>
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<tr>
<td>Box Car</td>
<td>655</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>18 No.</td>
<td>$1.25</td>
</tr>
<tr>
<td>Caboose</td>
<td>517</td>
<td>Standard 11½&quot;</td>
<td>No</td>
<td>24 No.</td>
<td>$2.47</td>
</tr>
<tr>
<td>Caboose</td>
<td>817</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$2.47</td>
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<tr>
<td>Caboose</td>
<td>2657</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$1.94</td>
</tr>
<tr>
<td>Caboose</td>
<td>818</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$1.78</td>
</tr>
<tr>
<td>Flat Car</td>
<td>511</td>
<td>Standard 11½&quot;</td>
<td>No</td>
<td>24 No.</td>
<td>$2.14</td>
</tr>
<tr>
<td>Flat Car</td>
<td>2811</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$2.50</td>
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<tr>
<td>Flat Car</td>
<td>811</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$2.25</td>
</tr>
<tr>
<td>Flat Car</td>
<td>2851</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>24 No.</td>
<td>$1.76</td>
</tr>
<tr>
<td>Flat Car</td>
<td>651</td>
<td>8½&quot;</td>
<td>Yes</td>
<td>18 No.</td>
<td>$1.02</td>
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</tbody>
</table>

* Includes 4 Barrels. 1 Includes 2 Barrels. 1 Includes Lumber.

NEW! Electrically Operated Freight Cars

Electrically Operated Flat Car With Lumber
Nickeled stakes hold in a real load of lumber — your train rolls into a stop with the flat car alongside the unloading bin—a flip of your finger and the bottom of the car tilts and out rolls your logs. Now send the "empty" to the yard — touch the button and car is uncoupled.

No. 3451—For "O" and "027"...

| 6¼" long | $2.50 |
| 8½" long | $3.21 |

YOUR COST...

Electrically Operated Dump Car With Bin
This car is furnished complete with bakelite unloading bin and a scale of artificial coal. It will dump the coal by remote control and also has electric coupling lights. The car in the series requires either the RCS or 1018 Track Set. See page 1-45.

No. 3659—For "O" and "027" Gauge. 6½" long...

| $2.67 |
| $3.38 |

YOUR COST...

Electrically Operated Gonola Car With Couplers
Another model of the electrically operated series. This one, a gonola car, unloads 12 barrels into an unloading bin by remote control. Just touch a button—the side of the car lifts and out tumbles the barrels. And, like the others, it too has electric coupling lights so that you can uncouple it electrically by remote control. The car is 6½" long and high. For "O" and "027" gauge track No. 3652.

| $2.50 |

YOUR COST...

Electric Merchandise Car With Cases
One of the most ingenious cars ever designed. By remote control you open the door and dump out a shipping case! And you get 12 such cases with each car plus bakelite unloading bin. Car has electric coupling lights that enable you to uncouple the cars by remote control. Car is 8½" long and 3¼" high. This car is for use with "O" and "072 gauge outfits only, (2000 and 800 series cars). No. 3814...

| $3.56 |
"O" Gauge Track
13¼" wide. Double flange for greater strength. Perfectly insulated and tested.

"027" Gauge Track
Double rigid turned back floor rail. Three black ties on curved and straight sections. Over size insulators.

No. 271—Curved track, 9½".
No. 1013—Curved track, 9½".
No. 1018—Straight section 8½".

Solid Rail Track
All have bolts, fish-plates, spikes, tie-plates, closely spaced black ties. 16 sections curved form circle 72 inches in diameter. Regulation 13½" wide. "O" Gauge.
No. 771—Solid rail curved track, 14½" long.
No. 772—Solid rail straight track, 15½" long.

Extra Track Pins
OC-18—Steel track pins. For all track. List 10 per dozen.
No. 1019—For "O27" Gauge.
List $1.25.

"O" Gauge BUMPER
A big, husky bumper built just like its real-life counterpart. There is a brightly lit warning light, that is well protected, on the top. Furnished with 1 section of "O" gauge track.
No. 025—List $2.00.

REMOTE CONTROL TRACK SETS
1019 & RCS

No. 95 RHEOSTAT
Most transformers have too large a voltage difference between taps to permit delicate control of train speed. This rheostat overcomes this difficulty very effectively. Wt. 1 lb.
No. 95—List $2.75.

CONTROLLER
Can be used to start, stop or reverse locomotives equipped for remote control. Made of metal, Silver contacts. Wire included. Shpg. wt. 1 lb. is $1.00.
No. 91—List $1.00.

REMOTE CONTROL

"O27" Gauge

Has red and green lights at both switch and remote control. Swivel rails act fast at low voltage. Shpg. wt. 4 lbs.
No. 1121—Pair.
YOUR COST $4.80.

"O" Gauge

Non-derailing type. Matted bakelite base, lamps and switch and controller. 10½" long.
No. 922—Point.
YOUR COST $8.20.

"072" Gauge

Non-derailing type with red and green lights at both switch and control head. 14½" long.
No. 773—Fish Plate Outfit. List $1.50.
YOUR COST $4.35.

Solid Rail 90° Crossing
Similar in appearance to the crossing illustrated above but with solid rail track. Wt. 2 lbs.
No. 720—YOUR COST $1.96.

GRASS
8 ounce bags of specially prepared artificial grass. Not to be confused with cheaper " dime store" type. Bright green color. Shpg. wt. 1 lb.
No. 919.
PEN BAG $2.22.

LUBRICANT
Replaces ordinary oil and assures efficient operation for a longer period of time. Life of working parts is greatly increased. Especially designed for model trains. 2 oz. tube.
No. 925. List 25c.
YOUR COST $1.80.
NEW "TRAINMASTER" TRANSFORMERS

- Built-in Circuit Breaker
- Multiple Circuits
- Voltage Gauges #4 Sizes

Trainmasters have built-in circuit breakers with red warning light, green 'power-on' light, multiple circuits, 1/4 volt step controls that eliminate rheostats, voltage and "miles-per-hour" calibrations on controls, direction-control that enable you to stop the train then start it again in the same direction without touching the reverse button. Types "V" and "Z" have bakelite cases, "Q" and "R" enameled steel.

Type "Z"—250 Watts
Binding posts are provided for 4 independent circuits each having a controllable range of from 0 to 25 volts. Size 7 1/2" wide, 8" long, 6 1/2" high. For use with any of the controls aforesaid. Bakelite case. Built-in circuit breaker and warning light. 
List Price $12.50. 
YOUR COST... $8.90

Type "W"—150 Watts
Binding posts are provided for 2 independent circuits each having a controllable range of from 0 to 25 volts. Dimensions: width 2 1/2" long, 4 1/2" high. Bakelite case. Built-in circuit breaker and warning light. 
YOUR COST... $7.12

Type "R"—100 Watts
Binding posts are provided for 2 independent circuits both having a controllable range from 0 to 25 volts. In addition there are 4 fixed voltage binding posts for 3/4" long, 4 1/2" high. Built-in circuit breaker and warning light. 
YOUR COST... $5.70

Type "Q"—75 Watts
Control knob can be used to regulate output in ranges of 8 to 18 volts. 200/4 ohms. Built-in circuit breaker. Steel case. 
List Price $5.75. 
YOUR COST... $4.10

STANDARD TYPE "W" TRANSFORMER
Conventional transformer without circuit breaker. Standard tap switch regulation for train speed. Can be used for illuminated and automatic accessories. For use with any of the controls listed under type "W" above. List $3.75. 
YOUR COST... $2.67

CIRCUIT BREAKER No. 91
YOUR COST... $2.50

WARNING SIGNAL No. 69N
Protect your cross-lights with this automatic warning bell. Bell circuit approaches crossing—stops when it has passed. For any gauge track. Completely automatic in operation and full instructions. Steel bell sounds like those of a real railroad. Wt. 2 lbs. No. 69N. List $2.75. 
YOUR COST... $1.96

AUTOMATIC LIGHT TRAIN CONTROL—99N
As train passes over contactor red light shines and train is stopped. After an interval of time, red light goes out, a green light shines. Light changes to yellow after a short interval. Wt. 3 lbs. No. 99N. List $3.50. 
YOUR COST... $3.92

ARTIFICIAL COAL
An excellent imitation that is very realistic. Dustless and easily handled. You may load the cars with a few bags on hand. Shpg. wt. 1 lb. No. 206. List 25c. 
YOUR COST... 18c

440N Light-Position Twin-Signal Bridge
Three lights are illuminated in a single position—vertical for "Go", horizontal for "Stop". Actually controls movement of the train, stopping, starting, permitting by running through runs. Signals are for use on other single or double track and are operated independently by means of the remote control board which is included with the bridge. Direction of lights can be reversed. Complete with four Lockons. 20 1/2" wide, 14" high. Shpg. wt. 11 lbs. List $11.50. 
YOUR COST... $8.20

Electric Coal Bunker
A simplified coal storage bunker which affords all of the features of remote control operation without the use of a bucket elevator. Coal is poured into the bunker by means of a remote control button on the inside of the coal hopper. Pressing the remote control button on the station raises the hopper, pushes the coal towards the bunker, and the empty hopper is lowered. 
YOUR COST... $2.80

Whistling Station
A simple way to attract a whistler to any train outfit. Requires no more than a loudspeaker, motor and whistle. The unit is built into this attractive station. Press the lever on the side of the station and a realistic whistle is heard. Especially suitable for 25 1/2 volt current systems. No built-in whistle cannot be used. Complete for units using type 1029 transformer. Shpg. wt. 2 lbs. No. 48W. List Price $3.00. 
YOUR COST... $2.14

Mazda Bulbs
For all Lionel Train Lamps and Accessories. 
No. 27—12 volt 1/4" round lamp. For all "Q" and "R" gauge equipment. 
YOUR COST EACH... $1.10
No. 28—18 volt 1/4" round lamp. For all Standard gauge equipment. 
YOUR COST EACH... $1.10
No. 57 and 58 Lamp Posts 
YOUR COST EACH... 10c
No. 58—18 volt 3/8" heart-shaped globe. For use with numbers 61 and 67 Lamp Posts and all Stations. 
YOUR COST EACH... 18c

AUTOMATIC SEMAPHORES

This realistic bit of equipment operates exactly like the real-life counterpart over all train passages over the contactor the semaphore arm raises and a green light shines. When the train has passed the arm drops and the red light goes on. In loads of fun and actual work. 
Wt. 4 lbs. No. 80N. List $4.25. 
YOUR COST... $3.00

Train Control Type 68N
This one is even more realistic than the one described above. It is operated over the train passages over the semaphore arm is down and the light is off. The train stops automatically. A short tap on the arm raises the green light, and the train proceeds on its way. Overall height 2 1/4", base 7 by 12 inches. With large quantity of coal. Wt. 7 lbs. No. 97 List 97.50. 
YOUR COST... $5.35

Electric Coal Elevator
This electric elevator is similar to one described at the left but also includes an endless chain of buckets which scoops the coal from a well and dumps it into the top of the elevator. This bucket chain is driven by an electric motor. The remote control furnished with this outfit contains two buttons—one for the motor and the other for the gate. When the gate is opened the coal slides down the chute and pours into the waiting car. Overall height 14 1/4", base 7 by 12 inches. With large quantity of coal. Wt. 7 lbs. No. 97 List 97.50. 
YOUR COST... $5.35

Furnished with trolley. Wt. 4 lbs. No. 80N. List $4.25. 
YOUR COST... $3.00

This transformer to use for train only. With accessories use next larger size. Type Q: all "00", 138(W), 149(W), 141(W), 143(W), 154(W), 147(W), 151(W), 151(W), 151(B), 241(B), 267(W), 299(W). Letter in () indicates this type also. Type R: 190(W), 191(W), 193(W), 194(W), 195(W), 197(W), 356(W), 359(W), 377(W), 709(W), 755(W), 758(W), 758(W), 767(W), 768(W), 769(W). Type V: 358(W), 371(W), 378(W), 396(W). Type Z: Like V, with accessories.

Following shows transforms to use for train only. With accessories use next larger size. Type Q: all "00", 138(W), 149(W), 141(W), 143(W), 154(W), 147(W), 151(W), 151(W), 151(B), 241(B), 267(W), 299(W). Letter in () indicates this type also. Type R: 190(W), 191(W), 193(W), 194(W), 195(W), 197(W), 356(W), 359(W), 377(W), 709(W), 755(W), 758(W), 758(W), 767(W), 768(W), 769(W). Type V: 358(W), 371(W), 378(W), 396(W). Type Z: Like V, with accessories.
OPERATING WATCHMAN
No. 1045
A clever electrically operated accessory that will put a lot of action and interest in your railroad. When the train approaches the station, the watchman waves his little red flag to warn auto drivers and pedestrians that he's coming. This accessory may be used with any track except "OO" gauge. Solid rail and standard gauge. Approx. 7" high. Base is finished in green, watchman in blue, warning signal post in red, sign in yellow. A very picturesque and attractive accessory. $1.43

Watchman's Shanty With Ringing Bell
No. 76
A new accessory designed to add realism to the model railroad. For use with any track except "OO" gauge. Its action is entirely automatic. When a train draws near, the bell rings and the warning. As the last car passes the bell stops ringing. Signal, shock and base are made of heavy steel, attractively enameled. It comes complete with a No. 41 contactor and necessary wire. Practically all owners of model railroads will appreciate this accessory as a gift because it is new this year and was never before available. Shpg. wt. 4 lbs. No. 76—List $2.75. YOUR COST $2.67

Automatic Gatemen
No. 45N
One of the most ingenious, and still one of the most popular, accessory ever designed by Lionel. Gatemen is inside proaches. When locomotive draws near, out swinging on illuminated lanterns. After last cars have passed, gatemen returns to his shack and door closes. For any track except "OO" gauge. Shpg. wt. 2 lbs. No. 45N—List $3.60. EACH $2.80

Automatic Crossing Gate
As train approaches red light flashes on and gate lowered. When train passes light goes off and gate rises. Gate is 11 inches long. For any track except "OO" gauge. Complete with contactor and wire. Shpg. wt. 2 lbs. List $2.75. No. 77N—EACH $1.96

Automatic Illuminated Double Arm Crossing Gates
No. 47
An accessory that is true to scale and life-like in action. For any style track except "OO" gauge. Gates have both pedestrian and vehicular arm extensions. Scissor gates lower automatically and tiny red lights are illuminated when trains approach. Lift and lights go off when train has passed. Heavy gauge steel. Base is 16½ by 3½ inches. Long arm measures 6 inches. Enamelled in natural colors. Accurately proportioned lanterns. With contactor and wire. No. 47—List $4.95. Shpg. wt. 3 lbs. EACH $3.52

Automatic Illuminated Crossing Gate
No. 46
This gate is exactly the same as the double gate described above except that it is a single gate only, for one pedestrian walk and a roadway half the width. 6 inch arm. Illuminated lanterns and automatic in operation as described for double gate. For any track except "OO" gauge. Shpg. wt. 2 lbs. List $5.00. No. 46—YOUR COST $2.14

Curved Tunnel No. 123
For all "O" gauge outfits except Nos. 1056, 1071, and those with wide radius track. Constructed of felt composition. 18½ long, 16½ wide and 9½ high. Portals 4½ wide and 6½ high. Shpg. wt. 8 lbs. List $3.75. No. 123—YOUR COST $2.67

Illuminated Platform
No. 156
Is a beautifully designed illuminated station platform that will be found useful for intermediate station stops. Fence divides platform from end to end. Illuminated by two lamps under roof. Shpg. wt. 3 lbs. List $2.75. No. 156—List $2.75. YOUR COST $1.96

Illuminated Diner
An interesting scenic addition to any outfit. Interior is illuminated. Base is landscaped attractively. 10½ wide, 9½ high. Shpg. wt. 3 lbs. List $2.50. No. 442—YOUR COST $1.78

Single Span Bridge
Bridges of this type are used on the rights-of-way of nearly all railroads. For "O" gauge track. Deeply embossed heavy steel, brightly enamelled. Complete with one section of track. Shpg. wt. 2 lbs. No. 270—List $2.00. EACH $1.43

Lamp Posts
No. 58—A graceful design similar to the posts used in big cities. Baked enamel ivory finish. Equipped with globe. The post 7½ high. Shpg. wt. 1 lb. List $1.50. No. 58—EACH $1.07

No. 56—Commonly used in parks and playgrounds. Green enameled base. List $1.75. No. 56—EACH $1.25

Freight Handling Set
Two hand truck, a dump truck and a baggage truck. Heavy gauge, strong, die-cast wheels and is finished in enamel. Shpg. wt. 2 lbs. No. 143—List $2.75. YOUR COST $1.96

Freight Handling Set
No. 9
If your train is headed by a steam type locomotive, this water tank will add a great deal of realism to your railroad. Tower is 16½ inches high. Tank has an adjustable spout. Shpg. wt. 2 lbs. No. 9—List $1.25. YOUR COST $0.89

Footlight Tower
Just the thing for your yards and round-house trackage. Also used for baseball parks and stadiums. Two powerful searchlights with polished reflectors. May be adjusted independently to any angle. Steel girder construction. Tower is 20½ inches high and beautifully enamelled. Easily connected. Lamps and wire included. Shpg. wt. 4 lbs. List $3.75. No. 92—YOUR COST $2.97

Water Tank
No. 9

REALISM! ACTION! LIONEL Accessories
NEW! ARGUS Model “M”
The Ultimate in Inexpensive Cameras

Smartly styled this new Argus camera is so tiny that it easily fits into the purse or pocket. Precision Argus construction assures perfect performance. Color photography is economical since it takes either single or double frame pictures. Uses standard Kodak Bantam or Bantam Color film. Takes either 12 pictures 1½ x 2½ or 24 1½ x 1½ pictures on a standard roll. The triplet Anastigmat f/6.3 lens is fully color corrected. Lens openings are marked for various conditions. Built-in optical view finder, tripod socket and collapsible lens mount.

ARGUS models A, A2 and A2F
Improved models of the famous American candid camera. New lens mountings, improved shutters (4 speeds up to 1/200 second, time and bulb) and new built-in exposure meters (on models A2 and A2F only). All models have fast f/4.5 lenses. Lens in model A2F is in a focusing mount that permits focusing as close as 1½ ft. without attachments. Exposed metal is highly polished, chrome plated. Use standard 18 or 36 exposure rolls of 35 mm. film.

PH 9739—Model A. f/4.5 lens in fixed mount. (No exposure meter). POSTPAID IN U.S.A. ONLY. YOUR COST $10.00

PH 9740—Model A2 with f/4.5 lens in fixed mounted built-in exposure meter. YOUR COST $12.50

PH 9741—Model A2F similar to the above but with focusing mount (focuses as close as 18") f/4.5 lens and built-in exposure meter.

PH 9948—Portrait attachment for any of above models. YOUR COST...$0.45

PH 9949—Ex变得更牛cowside cowhide case for above models. EACH...$2.98

PH 9963—Deluxe leather covering case complete with hand and shoulder strap and belt loop. YOUR COST (SHIPPED POSTPAID IN U.S.A.) $5.75

LENS ACCESSORY KIT

For ARGUS “A” Series Cameras
In order to get the most out of your “A” Model Argus (A, A2 & A2F) you should have this complete accessory kit. It contains all the items you need for getting the most out of your camera. Each item may be purchased separately but you save by buying the complete kit at one time.

PH 9948—YOUR COST COMPLETE...$10.00

PH 9947—Complete Kit for model A or A2 cameras. Due to their focusing mounts, portrait and copying attachments are not required, instead a red filter and a safety screw are supplied. YOUR COST COMPLETE...$7.50

PH 9947—YOUR COST...$1.50

NEW! ARGUS Model C3
With Built-in Flash Synchronizer

For brilliant fast action shots under any lighting conditions this new Model C3 incorporates a built-in flash synchronizer that synchronizes the shutter and flash.

A fast lens, the Claren 1:3.5 triple Anastigmat, plus a fast shutter, with speeds from 1/50th to 1/300th second (plus "bulb" position), assures perfect "action stopping" pictures. The built-in coupled range finder assures accurate focusing from 3 feet to infinity.

Two models are available. Both alike in every detail except for the photo flash equipment. The Model C3 has it—the Model C2 has not. Cases are of die-cast aluminum covered with pin seal leather and trimmed with bright chromium plated metal. A remarkable value for a camera with so many precision features. PH 1742—Argus Model C3 Camera complete with photo flash equipment including built-in synchronizer, reflector, battery case and attachments. As illustrated.

PH 1743—Argus Model "M" Camera. YOUR COST (POSTPAID IN U.S.A. ONLY) $30.00

PH 1744—Argus Model C2 has all the features of above model except the built-in synchronizer. YOUR COST (POSTPAID IN U.S.A. ONLY) $25.00

ACCESSORIES MAKE GRAND GIFTS

PH 9930—Deluxe Ever-ready case of top grain cowhide for Argus C3. Shipped wt. 2 lbs. PH 9914—As above, but for Argus C2. PH 9915—Elder Case, YOUR COST EACH (Not Postpaid) $4.49

PH 9945—Refrigerator photo flash attachment case for Argus C2 reflector, battery case and attachments. Shipped wt. 2 lbs. YOUR COST (Not Postpaid) $1.98

ARGUSPRINT

Fine Grain Film
For Argus "M"

And All Makes of Bantam Cameras

Only film of this type will provide the exact characteristics required to insure perfect exposures when using the model M according to directions. Provides 12 1½ x 2½ or 24 1½ x 1½ exposures. (Duoflex-color provides 12 and 24 respectively.)

PH 3200—ARGUSPRINT

PH 3201—ARGUSPRINT Duoflex-color film. $0.80
BABY BROWNIE SPECIAL!
Molded in tough plastic. White molded pushbutton release and winding knob. Black button another release and winding knob. All exposed metal parts are of molded nickel. Optional direct view finder molded into the body. Braided handle also acts as a safety catch to prevent accidental opening of the camera while carrying it. Fixed focus meniscus lens makes 8 pictures 1¾x2½ inches on standard No. 127 roll film. List Price $1.25
PH1552—Suede finish carrying case.

$1.07

BABY BROWNIE REGULAR
Takes the same size film and pictures as the above camera but does not have all the above features. Has meniscus lens. List $1.20
PH1555—Each POSTPAID IN U.S.A.

69¢

PH1932—Suede finish carrying case.

$2.34

ALL METAL Candid Camera
• Spevar F:7.7 Achromatic Lens
This All Metal Case Candid Camera is offered at a price that has never before been equalled! Spevar F:7.7 Achromatic 2-element lens; four diaphragm openings at F:7.7, 11, 16 and 22; time and snapshots; fixed focus—no guessing of distances; telescopic finder; steel body; takes 16 pictures 1½x2½ inches on standard No. 127 film. Guaranteed for one year. SHIPPED POSTPAID IN U.S.A. ONLY.

PH1725—List Price $3.95
YOUR COST $1.95

PH1724—Same as above but with Meniscus lens and 1 diaphragm opening. List $1.25
YOUR COST $98¢

PH1960—Eveready Carrying Case for either of the above cameras complete with shoulder strap. List $1.00
YOUR COST $69¢

KODAK Six-16 and Six-20 Brownie Specials
Strikingly new in appearance, compactness and convenience. In durable leatherette covered steel cases of modern design. Features include fine Kodak Meniscus lens; brilliant "spy glass" finder; convenient shutter release with safety button; rotary shutter with both time and instantaneous positions. Fixed focus from 8 ft. to infinity. List Price $3.50

PH1561—List $4.25 YOUR COST $3.62
PH9635—Fabric Case with shoulder strap. List $1.25 YOUR COST $1.14
PH1562—Six-20 Brownie Special. 8 pictures 2½x3½ inches on 620 roll film. List $2.75 YOUR COST $2.20
PH9633—Fabric Case with shoulder strap. List $2.95.

PH1550—List Price $2.00 SHIPPED POSTPAID IN U.S.A. ONLY YOUR COST $1.70
PH9645—Leather case for above with strap. List Price $85c YOUR COST $79¢

KODAK Bullet Camera

PH1550—List Price $2.00 SHIPPED POSTPAID IN U.S.A. ONLY YOUR COST $1.70

KODAK Brownies
The widely known, easy to use box cameras that produce 8 excellent pictures.


PH1558—Six-16. Regular Diwray lens. Picture size 2½x3½ inches. Includes Portrait lens. List $2.25. YOUR COST $2.77

PH1559—Six-20. Jr. Meniscus lens. Picture size 2½x3½ inches. (No. 620 film). List $2.00 YOUR COST $1.70

PH1557—Six-20. Regular Diwray lens. Picture size 2½x3½ inches. Includes Portrait lens. List $2.85 YOUR COST $2.43

ALL SHIPPED POSTPAID IN U.S.A. ONLY

EASTMAN KODAK SIX-20
BULL'S EYE CAMERA
As modern and up-to-the-minute as the world is tomorrow. This new Eastman Kodak Six-20 Bull's Eye Camera makes unusually fine and clear "album size" 2½x3¼ pictures. And it is so simple to operate that even a child can take good pictures. Just sight and snap and your photo finisher will do the rest. You get 8 pictures on a standard roll of No. 620 film which is obtainable everywhere. The camera is very sturdy with its durable wear-resisting case molded of glossy black plastic. The carrying handle is braided and all metal is plated and polished. Has tubular spy glass view finder. The Meniscus lens is fixed focus for objects from 8 feet to infinity. Instantaneous and time action shutter.

List Price $2.75
PH1527—YOUR COST $2.34

PH9623—Fabric carrying case with shoulder strap. List $1.10. YOUR COST $0.98

AGFA Shur-Shot* Special
Deluxe models of the Shur-Shot take exceptional pictures and are beautiful and rugged. Take 8 full-size or 15 to 16 half-size pictures on the same roll of film. With built-in portrait lens and Built-In Yellow Filter. Have two brilliant finders.

PH1645—Model B2. Takes 8 pictures 2½x3½" or 16 1½x2½" on B2 (120) roll film. List Price $2.35 YOUR COST $2.51

PH1666—Model D6. Takes 8 pictures 2½x3½" or 15 2½x2½" on D6 (116) roll film. List Price $3.35 YOUR COST $2.85

PH1667—Model G6. Takes 16 pictures 1,16 1½x2½" on G6 (110) roll film. List Price $6.25 YOUR COST $5.25

KODAK BULLET CAMERA

PH1550—List Price $2.00 SHIPPED POSTPAID IN U.S.A. ONLY YOUR COST $1.70

PH9645—Leather case for above with strap. List Price $85c YOUR COST $79¢
AGFA'S FAMOUS "CLIPPER" CAMERAS

These remarkable cameras have already established an enviable reputation for themselves. They employ the well known "condi" principles of compactness and ease of operation. But most important of all they do make really fine pictures. Pictures that are large enough for your album without enlargement—2½x3½". You get 15 of them to a standard size PD-16 (916) roll of film.

The Clipper is very sturdily constructed and beautifully finished. Bellows are eliminated by the use of an extension tube—the same principle used in the most expensive candid. The built-in optical direct view finder provides a brilliant image and a hinged back makes loading of film very easy and simple. The steel body is covered with a specially treated wear resistant material of attractive whiocard design.

Two models available, difference being in type of lens and shutter.

PH1543—Agfa PD-16 Clipper with 1.6.3 lens and speeds from 1/25 to 1/100 second plus T. and B. Lens diameter 25 mm.

List $15.50. YOUR COST $13.95

POSTPAID IN U.S.A. PH9469—No. 26 Portrait Attachment for above model. YOUR COST 89c

PH1667—Agfa Clipper with "Unifo" lens in shutter with "Time" and "Inst." settings. Lens diameter 21 mm. List $5.00. YOUR COST $4.50

POSTPAID IN U.S.A. PH9468—No. 22 Portrait Attachment for above model. YOUR COST 89c

AGFA SHU-R-FLASH

Two new Agfa cameras that take pictures anytime and anywhere. Detachable flash units take any type bulb and require 2 pen-life batteries. Model B2 Shur-Flash takes 8 pictures 2½x3½" on No. 120 film. (B2). Has fine meniscus lens and optical view finder. Finished in black enamel.

PH1672—Model B2 Shur-Flash less lamp and batteries.

YOUR COST—POSTPAID $3.36

Model A2 Cadet-Flash takes 8 pictures 1½x2½" on 127 (AB) film. Eye level finder. All black finish. Less lamp and batteries POSTPAID $2.49

PH9387—Pen-Life Batteries for above (2 required) EACH $.50 FOR BULBS SEE PAGE 52.
FAMOUS FOLDING CAMERAS

JUNIOR Kodaks
Six-20 & Six-16

Series No. 2

The Kodak Juniors, Series No. 2, are among America's most popular favorites. Opening to picture-taking position with a single pull on the bed support, they get into action quickly and easily. Equipped with both reflecting and direct view finders, giving a choice of sighting from waist or eye level. For lens equipment, you can have either the readily focused Kodak Bimat or a single lens that requires no focusing whatever. Both are mounted in reliable shutters and are fully capable within their intended picture-making ranges. And when your picture has been taken, your camera closes at the touch of a one-finger bar release. The Six-16 models take 8 pictures 2½ x 2½ on 616 film; the Six-20 models take 8 pictures 2½x3½ on 620 film. Two tripod sockets. Block pin-grain covering with bright nickel trimming.

PH1520 - Kodak Junior Six-20 with Kodak Bimat lens; speeds to 1/100 second. List $10.00...YOUR COST............$9.00

PH1521 - Kodak Junior Six-16 with Kodak Bimat lens; speeds to 1/100 second. List $11.50...YOUR COST............$10.35

PH1555 - Kodak Junior Six-20 with single lens; snap and time adjustments. List $7.75...YOUR COST............$6.98

PH1564 - Kodak Junior Six-16 with single lens; snap and time adjustments. List $9.25...YOUR COST............$8.33

PH9629 - Cowhide case with shoulder strap for Six-20 series...YOUR COST............$1.95

PH9638 - Cowhide case with shoulder strap for Six-16 series...YOUR COST............$2.45

KODAK VIGILANTS

A brand new series of Kodaks with sharp anastigmat lenses and new Kodak-made shutters. The Kodex shutter has the following speeds: 1/25, 1/50 and 1/100th second plus time and bulb. The Kodomatic shutter: 1/10, 1/25, 1/50, 1/100 and 1/200th second, time, bulb and delayed-action. The Supermatic shutter: 1 second, 1/2, 1/3, 1/10, 1/25, 1/50, 1/100, 1/200 and 1/400th second, time, bulb, delayed-action.

KODAK VIGILANTS Six-20 and Six-16

A choice of four lenses is also available including f:8.8, f:6.3, f:4.5 and a special f:4.5. All are anastigmats. Bodies of the cameras are made of aluminum alloy and covered with Kodakure (f:4.5 "special" models are covered with pin seal leather). All have waist-level as well as eye-level optical finders, push-to-open and push-to-close bed-release buttons and body shutter releases, and two tripod sockets.

PORTRAIT ATTACHMENTS FOR KODAK VIGILANTS

Stock No. Type No. For Use With
PH9450 ............. 5A PH1562
PH9466 ............. 7A PH1563
PH9465 ............. 7A PH1565
PH9458 ............. 22 PH1567

CARRYING CASES FOR KODAK VIGILANTS

Shoebox Style
Heavy bridle leather shoe style case with hand and shoulder strap.
PH9651 - For Six-20's...YOUR COST............$1.89
PH9652 - For Six-16's...YOUR COST............$2.49

VIGILANTS AND MONITORS

Everyday Style
Heavy bridle leather everyday style with hand and shoulder strap.
PH9647 - For Six-20's...YOUR COST............$3.49
PH9648 - For Six-16's...YOUR COST............$3.89

KODAK MONITORS

Kodak cameras with double exposure prevention, automatic film stop and exposure counter. Regular f:4.5 lenses equipped with Kodamatic Shutters having speeds of 1/10, 1/25, 1/50, 1/100 and 1/200th seconds, bulb action and delayed-action timer. Special f:4.5 Anamorphic lenses have Supermatic Shutter and speeds of 1 second, 1/2, 1/3, 1/5, 1/10, 1/25, 1/50, 1/100, 1/200, and 1/400th seconds. All have waist level and eye level optical view finders. Two tripod sockets.

PH1571 - Kodak Monitor Six-20 with f:4.5 lens (diam-40 mm.) and 5-speed Kodematic shutter. List $30.00...YOUR COST...POSTPAID IN U.S.A. $27.00

PH1572 - Kodak Monitor Six-20 with f:4.5 Special lens (diam-38 mm.) and 9-speed Supermatic shutter. List $42.50...YOUR COST...POSTPAID IN U.S.A. $38.25

PH1573 - Kodak Monitor Six-16 with f:4.5 lens (diam-38 mm.) and 5-speed Kodematic shutter. List $35.00...YOUR COST...POSTPAID IN U.S.A. $31.50

PH1574 - Kodak Monitor Six-16 with f:4.5 Special lens (diam-38 mm.) and 9-speed Supermatic shutter. List Price $40.50...YOUR COST...POSTPAID IN U.S.A. $43.65

PH9450 - Type 5A Portrait Attachments for Six-20 Monitor's...YOUR COST............$1.49

PH9456 - Type 23 Portrait Attachments for Six-16 Monitor's...YOUR COST............$1.49

ALL KODAK CAMERAS SHIPPED POSTPAID IN U.S.A. ONLY
EASTMAN'S FAMOUS MINIATURES

Kodak BANTAM Special

* Super-Speed Super-Corrected Ektar F:2.0 Lens
* Coupled Range Finder—Compu-Rapid Shutter

The new Kodak Bantam Special has everything to be desired in a miniature camera. It is compact, sturdy and easy to use. Its Ektar Anastigmat f/2 lens has the super speed and correction you need for needlesharp pictures indoors and out in black and white or full natural color. A military type range-finder is precision-coupled to the lens eliminating all guess work in focusing. The Compu-Rapid shutter provides nine shutter speeds from 1 second to 1/500th sec. plus time and bulb. Takes 8 pictures on the standard 1144 series black and white and Kodachrome color films. The streamlined case is finished in extra hard enamel with contrasting stripes of bright metal.

PH9531—Bantam Special with Ektar f/2.0 lens and everready leather case, List $87.50

* Your Cost (POSTPAID IN U.S.A. ONLY) $78.75

PH9450—No. 5A Portrait Attachment. YOUR COST .35¢

PH9594—Duraluminum combination sunshade and filter holder. Will take 21mm filters listed below. YOUR COST EACH $ .98

PH9583—Filter Mount only. YOUR COST .99¢

OPTICAL GLASS FILTERS FOR ABOVE MOUNT

PH9515—Light Yellow (K-1) PH9517—Light Green (X-1) PH9518—Medium Green (X-2) PH9519—Red (A)

PH9516—Medium Yellow (K-2) PH9517—Light Green (X-1) YOUR COST EACH ANY TYPE .75¢

Kodak BANTAM F:4.5

At its new low price this excellent camera is an unusually fine value. Precision made throughout with a Kodak Special f/4.5 Anastigmat lens it is capable of taking beautifully sharp and clear pictures under seemingly impossible light conditions. The lens is in a focusing mount and fitted with the Compu-Rapid shutter having speeds from 1/25th to 1/200th second and both time and bulb positions. Either black and white or full natural color Kodachrome film can be used. Case of the camera is of die cast aluminum covered with black pig seal leather. Optical type direct view finder gives an accurate, clear image of the exact area that will be included in the picture. Lens diameter 22 mm.

PH1524—Kodak Bantam F:4.5. List Price $22.50

* Your Cost (POSTPAID IN U.S.A. ONLY) $20.25

PH9508—Leather Everready Case with neck strap $3.98

PH1194—No. 3 Portrait Attachment. YOUR COST 99¢

PH9530—Cable release for above camera. EACH .32¢

For filters and mounts for this camera see below.

KODAK BANTAM F:5.6

A fine Kodak Anastigmat lens plus precision workmanship makes this one of the outstanding values in a popularly priced camera. Employs the same Bantam film used in all of the cameras described on this page, including the full color Kodachrome. Modern professional finishers furnish a standard 2¼x4½ enlargement from this film. Easily enlarged to any other size, the Kodak Anastigmat lens is fitted into a focusing mount with a three speed shutter with speeds up to 1/100th sec. plus time and bulb actions. Camera body of molded plastic with aluminum lens board.

PH1525—Kodak Bantam f:5.6. List Price $14.00

* Your Cost (POSTPAID IN U.S.A. ONLY) $12.60

PH9407—Everready Leather Case for above .79¢

PH9541—No. 3 Portrait Attachment. YOUR COST .74¢

PH9540—Cable release for above camera. YOUR COST EACH .32¢

Mount and Optical Glass Filters for F:4.5 and F:5.6 Bantums

PH9580—Combination duraluminum sunshade and filter mount. Will take 25 mm. filters listed below. YOUR COST EACH $1.69

PH9574—Mount only (less filters). YOUR COST .69¢

PH9554—Light Yellow (K-1) PH9556—Medium Green (X-2) PH9557—Red (A)

PH9505—Medium Yellow (K-2)

PH9512—Light Green (X-1). ANY OF THE ABOVE, EACH .75¢

Kodak BANTAM F:8.0

This is undoubtedly one of the most convenient cameras ever designed. Overall measurement is little more than four inches, small enough to fit the palm of the hand, yet photography with this convenient Bantam model has all the interest and verve that you could want. Modern photo finishing gives you album size enlargements 2¼ x 4½ inches. An automatic film stop eliminates the need for watching the film when winding from one exposure to the next. The f:8.0 lens is of the fixed focus type requiring no adjustment—just wind and shoot! Body is of sturdy molded plastic. Lens diameter 23 mm. See pages 26 for filters and mounts for this camera.

PH1524—Kodak Bantam f:8.0 lens. List $3.35

* Your Cost (POSTPAID IN U.S.A. ONLY) $3.56

PH9404—Everready Carrying Case for above .31¢

PH9453—No. 6A Portrait Attachment. YOUR COST .64¢

PH9500—FX-828 Panatomic X... YOUR COST 2 For

PH9501—FX-828 Plus X... EACH

PH9502—XX-828 Super XX 23¢

Kodachrome Color Film

PH9202—K-828 Kodachrome (regular) EACH

PH9201—K828A Kodachrome A (artificial light) $1.22

TO GIVE

PERFECT GIFTS

TO RECEIVE
PERFEX Forty-Four — An AMERICAN Leader

Now, at last, you can buy a truly fine 35 mm. candid camera that is entirely American made. And, what is more, it is priced low for so splendid an instrument.

Every worthwhile feature is incorporated in this fine camera including a coupled range finder, an exposure meter, a focal plane shutter, a Bush synchronizer, etc. The lens is a fully corrected Anastigmat available in both f:3.5 and f:4.8. Lenses are interchangeable with telephoto and other types as desired. An automatic film transport advances the film exactly one exposure each time and automatically cocks the shutter. The focal plane shutter provides speeds from 1 full second to 1/1500 second and has provision for bulb operation. Both the correct shutter speed and diafragm setting are easily determined by means of a built-in exposure meter.

The case is of die-cast aluminum covered with leather and trimmed with attractive chrome plate. The camera body measures 5-1/16x1-8/16x2-3/32 inches and weighs approximately 22 ounces. The camera uses standard 35 mm. film in either 18 or 36 exposure rolls for both black and white or full color.

PH1775—Perfex 44 with f:3.5 Anast. lens...

PH1776—Perfex 44 with super speed f:2.8...

YOUR COST POSTPAID...

PH9488—Eveready Case for above camera...

PH9489—Eveready Combination Sunshade and Filter Holder for either of the above cameras. YOUR COST...

PH9583—Lafayette Precision Filter Mount.

YOUR COST...

LAFAYETTE Optical Glass Filters

For use in sunshine and moonlight above.

PH9515—Light Yellow (K1)...

PH9516—Medium Yellow (K.2)...

PH9517—Light Green (X-1)...

PH9518—Medium Green (X.)...

PH9519—Red (A)...

PH9473—Portrait lens to fit above mounts.

Each...

Designed and manufactured by the most famous American maker of photographic equipment these "easy-on-the-pocket-book miniatures" are outstanding values in the camera field today. Modern American methods make possible fine precision construction at a price anyone can afford to pay. And this same precision construction makes these new 35 mm. models capable of producing excellent results in both black-and-white and full natural color.

These models are available offering a choice of three lens speeds; each lens is mounted in its companion shutter. All models have metal body covered with fine line real grain leather top and breast plates are in satin finish chrome. All models include a folding optical type eye level view finder that provides a brilliant up right image; finger tip focusing from four feet to infinity by means of a revolving lens mount; an automatic exposure counter that keeps you informed of the amount of film left in the camera; a film centering and locking device. In addition to these features the f:3.5 and f:4.5 models incorporate double exposure prevention that makes it practically impossible to take two pictures on the same film or to forget to wind the film between exposures; automatic shutter setting that winds the shutter for each time you set the camera for the next exposure; and delayed action that gives you time to get into the picture yourself. In other words these new miniatures offer everything you need to make pictures that you will treasure for your whole life.

PH1540—With Kodak Anastigmat Special f:3.5 Lens, Kodakmatic shutter with 5 speeds to 1/2000 second, List Price $79.50...

PH1549—With Kodak Anastigmat f:4.5 Lens, Diomatic shutter 4 speeds to 1/150 second, delayed action. List Price $24.50...

YOUR COST POSTPAID in U.S.A. ONLY...

KODAK 35MM

PH9450—Portrait Attachment for above cameras (5A)...

PH9458—With Kodak Anastigmat f:4.5 lens and Kodakmatic shutter with 3 speeds to 1/100 second. List Price $11.40...

YOUR COST POSTPAID in U.S.A. ONLY...

PH9610—Eveready Carrying Case for above cameras...

For Optical Glass Filters and Mounts to Fit above Cameras, See Page 35
A favorite with press photographers—and the camera most amateurs hope some day to own. Versatility plus! Includes two shutters (above plane and Compur) with built-in focal plane shutter flash synchronization; genuine leather double extension bellows; smooth acting bell, gear and rack focusing; interchangeable lens positions; ground glass focusing (additional range finder focusing optional); wire frame finder and dioptra, finder with parallax adjustment and interchangeable lens matching masks. Uses plates, cut film or film packs 2½ x 3½". Has rising and falling front and 9° bellows extension. Shutter speeds from 1 second to 1/1000 second.

PH1826 - 2½ x 3½" Speed Graphic with 4½" f:4.5 Kodak Anastigmat lens. With 1 cut film holder or 1 plate holder. YOUR COST $99.90

POSTPAID IN U.S.A. ONLY

PH1830 - Same as PH1826, but includes a Kalart internally coupled range finder. List Price $138.00.
YOUR COST POSTPAID IN U.S.A. ONLY $124.20

PH1825 - Same as PH1826 but with 4¼" f:4.5 Bausch & Lomb Tessa Lenses. YOUR COST POSTPAID IN U.S.A. ONLY $104.40

PH1831 - Same as PH1825, but includes a Kalart internally coupled range finder. List Price $143.00.
YOUR COST POSTPAID IN U.S.A. ONLY $128.70

Write for data on Mendelson's Speedgun Synchrovisor (as illustrated).

ACCESSORIES MAKE WONDROUS XMAS GIFTS

PH9360 - 2½ x 3½" Graphic Press Cut Film Holder, EACH $2.48
PH9361 - 2½ x 3½" Graphic Press Cut Film Pack Adapter, EACH $4.28
PH9461 - Grain Leather Carrying Case for 2½ x 3½" Speed Grable and 6 film holders. YOUR COST $8.98

A GRAFLEX-MADE

All of the important features incorporated in the larger cameras made by Graflex are also incorporated in this extra compact National Graflex. Full size—right side up—ground glass focusing; fast and dependable focal plane shutter; automatic film counter and stop; are just a few of the many outstanding features of this remarkable camera.

Fast B & L Tessa Lens

The lens is the fast, sharp cutting f:3.5 Bausch & Lomb Tessa capable of making brilliant negatives. Shutter speeds up to 1/500th second are available. A combination that will stop action and provide perfect exposures even under adverse lighting conditions. Price of 2½x 3½" is amply large for use without enlarging.

Precision Construction

Entirely "American made" and precisely built of the finest materials, this is a truly outstanding picture maker. A built-in exposure guide and micro-focuser add to ease of operation.

Graflex Prize Winning Cameras

Miniature Speed Graphic

A Gift of Gifts!

A favorite with press photographers—and the camera most amateurs hope some day to own. Versatility plus! Includes two shutters (above plane and Compur) with built-in focal plane shutter flash synchronization; genuine leather double extension bellows; smooth acting bell, gear and rack focusing; interchangeable lens positions; ground glass focusing (additional range finder focusing optional); wire frame finder and dioptra, finder with parallax adjustment and interchangeable lens matching masks. Uses plates, cut film or film packs 2½ x 3½". Has rising and falling front and 9° bellows extension. Shutter speeds from 1 second to 1/1000 second.

PH1826 - 2½ x 3½" Speed Graphic with 4½" f:4.5 Kodak Anastigmat lens. With 1 cut film holder or 1 plate holder. YOUR COST $99.90

POSTPAID IN U.S.A. ONLY

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PH1826 - 2½ x 3½" Speed Graphic with 4½" f:4.5 Kodak Anastigmat lens. With 1 cut film holder or 1 plate holder. YOUR COST $99.90

POSTPAID IN U.S.A. ONLY

PH1830 - Same as PH1826, but includes a Kalart internally coupled range finder. List Price $138.00.
YOUR COST POSTPAID IN U.S.A. ONLY $124.20

PH1825 - Same as PH1826 but with 4¼" f:4.5 Bausch & Lomb Tessa Lenses. YOUR COST POSTPAID IN U.S.A. ONLY $104.40

PH1831 - Same as PH1825, but includes a Kalart internally coupled range finder. List Price $143.00.
YOUR COST POSTPAID IN U.S.A. ONLY $128.70

Write for data on Mendelson's Speedgun Synchrovisor (as illustrated).

ACCESSORIES MAKE WONDROUS XMAS GIFTS

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PH9361 - 2½ x 3½" Graphic Press Cut Film Pack Adapter, EACH $4.28
PH9461 - Grain Leather Carrying Case for 2½ x 3½" Speed Grable and 6 film holders. YOUR COST $8.98

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Graflex Prize Winning Cameras

Miniature Speed Graphic

A Gift of Gifts!

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PH1826 - 2½ x 3½" Speed Graphic with 4½" f:4.5 Kodak Anastigmat lens. With 1 cut film holder or 1 plate holder. YOUR COST $99.90

POSTPAID IN U.S.A. ONLY

PH1830 - Same as PH1826, but includes a Kalart internally coupled range finder. List Price $138.00.
YOUR COST POSTPAID IN U.S.A. ONLY $124.20

PH1825 - Same as PH1826 but with 4¼" f:4.5 Bausch & Lomb Tessa Lenses. YOUR COST POSTPAID IN U.S.A. ONLY $104.40

PH1831 - Same as PH1825, but includes a Kalart internally coupled range finder. List Price $143.00.
YOUR COST POSTPAID IN U.S.A. ONLY $128.70

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Precision Construction

Entirely "American made" and precisely built of the finest materials, this is a truly outstanding picture maker. A built-in exposure guide and micro-focuser add to ease of operation.
PLATE CAMERAS

6.5x9 Cm. and 9x12 Cm. Sizes

Employing the famous Carl Zeiss Tessar f:4.5 lenses these Lafayette Foldex Plate Cameras facilitate ideal results. For all at night photography by the serious amateur. They permit the use of a wide range of negatives in instant color print. Either plate film or film pack may be employed interchangeably. Double extension bellows (No. 302). Filling and unloading front, ground glass focusing, direct and reflecting type finders, split-image focusing, Compur shutter with speeds from 1/1000 second plus time and bulb. 1:4.5 anastigmat lenses, double extension bellows, reflecting view finders, ground glass back, three plate holders, film pack adapter, rising, falling and sliding front and cable release. Body covered with textured black leather.

PH1550—6.5x9 cm. (2¼x3¼”) Special Plate Camera with ground glass back, 3 plate holders and film pack adapter. Shpg. wt. 5 lbs.

YOUR COST $36.95

PH9403—Heavy cowhide case, velour lined, with shoulder strap. $3.95

PH1550—9x12 cm. (3½x4½”) Special Plate Camera with ground glass back, 3 plate holders and film pack adapter. Shpg. wt. 5 lbs.

YOUR COST $42.95

PH9402—Heavy cowhide case, velour lined, with shoulder strap. $3.95

EXTRA PLATE AND CUT FILM HOLDERS

For 6.5x9 Cm. Cameras

PH9377—Combination plate and cut film holder. Uses 6x9 cm. cut film or plates. YOUR COST $0.74

For 9x12 Cm. Cameras

PH9378—Combination plate and cut film holder. (Needs no cut film sheaths). YOUR COST $0.98

FOOTH DERBY CAMERAS

Fine lightweight precision cameras weighing less than 12 ounces and measuring only 4½x2½ inches. These fine mini-cameras use the latest type delayed action focal plane shutter with speeds up to 1/500 second. Rapid lenses make possible excellent results under all kinds of contact print quality. The Foth Derby takes 16 exposures on standard vest pocket size films. Shutter speeds provided are: from 1/25 to 1/500 second, time, and bulb. Front lens focusing with calibrations clearly engraved on a polished metal ring. Genuine leather belt covering with wide double guarding, leather shoulder strap. When extended. Sturdy formed aluminum body with grained leather covering. With cable release and full instructions.

Two models of this famous camera are available differing only in the speed of the lens. All other features are the same.

PH7130—Foth Derby Mini-Camera with 3.5 Foth Anastigmat lens. Lens diameter 29 mm.

YOUR COST $19.35

PH7131—Foth Derby Mini-Camera with 2.9 Foth Anastigmat lens. Lens diameter 29 mm.

YOUR COST $24.75

PH481—YOUR COST EACH $1.38

ABOVE SHIPPED POSTPAID IN U.S.A.

PH9690—Everyday case of top-grain cowhide with flat front. "Supersews" optional carrying and shoulder straps. For either of the above models. Shpg. Wt. ½ lbs. YOUR COST $2.98

SPECIAL PLATE CAMERAS

Now scarce than ever before due to conditions in the importing field, we are indeed fortunate in being able to obtain additional stocks of these excellent cameras. Each includes delayed action Compur shutter with speeds from 1 second to 1/200th second plus time and bulb, 1:4.5 anastigmat lens, double extension bellows, reflecting view finders, ground glass back, three plate holders, film pack adapter, rising, falling and sliding front and cable release. Body covered with textured black leather.

PH1550—6.5x9 cm. (2¼x3¼”) Special Plate Camera with ground glass back, 3 plate holders and film pack adapter. Shpg. wt. 5 lbs.

YOUR COST $36.95

PH9403—Heavy cowhide case, velour lined, with shoulder strap. $3.95

PH1550—9x12 cm. (3½x4½”) Special Plate Camera with ground glass back, 3 plate holders and film pack adapter. Shpg. wt. 5 lbs.

YOUR COST $42.95

PH9402—Heavy cowhide case, velour lined, with shoulder strap. $3.95

EXTRA PLATE AND CUT FILM HOLDERS

For 6.5x9 Cm. Cameras

PH9377—Combination plate and cut film holder. Uses 6x9 cm. cut film or plates. YOUR COST $0.74

For 9x12 Cm. Cameras

PH9378—Combination plate and cut film holder. (Needs no cut film sheaths). YOUR COST $0.98

SUPER SPORT DOLLY

Takes either of two popular "album size" pictures. Employing No. 120 film it will make either 12 exposures 2½x2½" or 16 exposures 1¼x1½" in size. A coupled split-image type range finder sets the lens for an accurately focused picture every time. It definitely eliminates the loss of pictures because you forgot to set the lens or estimated the distance incorrectly. A table or chart on the back of the camera gives the hyperfocal distance of the lens which tells you just how many feet are in focus at various diaphragm settings. The extra fast Schneider Xenar f:2.8 lens together with the Compur shutter (speeds from 1 second to 1/500th second) makes it possible for you to take pictures even under adverse light conditions. And a delayed action setting on the shutter permits you to get into the picture yourself.

PH1628—Super Sport Dolly as described. YOUR COST POSTPAID IN U.S.A. $67.50

PH9415—Everyday Carrying Case for above camera. Wt. 2 lbs. YOUR COST $6.95

PH1734—Super Sport Dolly without Range finder. Meyer Triplan f:2.9 lens in Compur shutter. Lens diameter. 33 mm. YOUR COST POSTPAID IN U.S.A. $33.75

PH4948—Portrait attachment for Super-Sport Dolly. YOUR COST $1.38

PH9612—Cowhide Case for above,.... $1.95

VEST POCKET DOLLY

A miniature version of the Super-Sport Dolly. (Does not have range finder). Takes 8 exposures 1¾x2½" or 16 exposures 1¼x1½" on standard No. 127 (V.P.) film. It has a fine Coreyson f:3.5 lens in a Compur shutter with speeds from 1 second to 1/200th second plus Time and Bulb positions. Lens diam. 25 mm. The all-metal body is covered with attractive and durable leather.

PH7135—YOUR COST POSTPAID IN U.S.A. $26.55

PH9616—Leather Case for above. EA., $1.95

YOUR COST $36.95

YOUR COST $36.95

YOUR COST $36.95

YOUR COST $36.95

YOUR COST $36.95

YOUR COST $36.95
WESTON POSTPAID IN U.S.A.

**THE NEW WESTON MASTER**

- The World's Finest Electrical Exposure Meter

A meter that is uniquely designed for the finest photographic work. It is used by both black-and-white and color photographers. A meter that covers the entire range from 1/100 second to 1/1000 second or 30-60 degrees above or below the zero line. The Weston Junior Meter is a basic unit used in conjunction with the Weston Master. The complete range of shutter speeds is divided into two separate sections - the first 5 to 50 and the second from 50 to 1600. These sections are used to improve the accuracy of the exposure readings. A scale on the meter is designed for a quick and easy readout of the exposure value.

**EXPOSURE METERS FOR PERFECT NEGATIVES**

**WESTON Junior Meter**

A more compact model at a price well within your reach. An easily adjustable calculator forms part of the meter dial where it is easily read. Calculation merely involves the setting of the "light reading" over the "emulsion speed" value and a range of shutter speeds with corresponding aperture stops can be read directly. Shutter speeds run from 1/1000 second to 60 seconds, aperture values from f1/2 to f32. Film speeds from f/1 to 200 Weston are provided for. Operation is extremely simple, in fact the meter can be used with one hand. Like all Weston products this one is ruggedly built to give many years of satisfactory service. The meter movement has jewel bearings and the case is made in molded bakelite.

**DE JUR Exposure Meter**

The Defur Exposure Meter is shaped to fit the hand for one-hand operation. It is easy to read because of the large legible scale and easier to use. Readings are based on the Weston system of film speed ratings. The photo-cell is unusually sensitive and accurate. Calculator is calibrated for 20 different f values from 1:10 to 1:32 and provides time readings from 1/1000 second to 1 full minute. Sapphire jewel bearings and a highly efficient permanent magnet assure the utmost in efficiency from the meter. The meter is easy to read and has a full minute. Time and exposure times from 1/2000th of a second to 1 full minute. The meter scale is calibrated for quick, accurate and reliable results.

**PHOTRIX S.S. Meter**

A very compact and extremely sensitive photo-electric cell exposure meter for both still and movie cameras. It is suitable for both artificial and natural light. The photo-cell is recessed so as to be shielded from the "sky light" for greater accuracy outdoors. The calculator is calibrated for Scheiner and Weston film speeds from 11 to 38 Scheiner, and 1.5 to 800 Weston. Diaphragm openings in half stops from 1:3.5 to 1:36 and exposure times from 1/2000th of a second to 1 full minute. The meter scale is calibrated for quick, accurate and reliable results. The smooth streamlined case is of molded bakelite and equipped with an attractive Bakelite case. Complete easy-to-understand instructions are furnished with each meter.

**DUREX Meter**

For Still & Cine

A very compact and beautifully finished meter. It is calibrated in Weston speed ratings and can be used under a wide range of lighting conditions. The meter movement is of the highest order with new, rugged and durable molded plastic case of Blue Teaste is furnished at no extra cost with this meter. The new and attractive molded plastic case is furnished with each meter. Operation is so simple that you only need read the instructions once.

**PHOTRON Exposure Meter**

A radically new and different exposure meter in which a known light source is compared with the unknown. Comparison is easily made and very accurate. Eliminating the use of an electrical current measuring meter. It is highly portable and very durable. Covers a wide range of film speeds and exposure times and diaphragm openings from 1:2 to 1:32. Operates entirely from the self-contained batteries and does not have to be connected to any power line. Batteries are of the standard pen-lite type and will last long time. In fact, for several hundred exposure readings. Molded black plastic case with silver metal calculator dial. 2½x2½x1½". Weighs 2 lbs. POSTPAID IN U.S.A. PH2726-YOUR COST.

**PHASTRON Exposure Meter**

A radically new and different exposure meter in which a known light source is compared with the unknown. Comparison is easily made and very accurate. Eliminating the use of an electrical current measuring meter. It is highly portable and very durable. Covers a wide range of film speeds and exposure times and diaphragm openings from 1:2 to 1:32. Operates entirely from the self-contained batteries and does not have to be connected to any power line. Batteries are of the standard pen-lite type and will last long time. In fact, for several hundred exposure readings. Molded black plastic case with silver metal calculator dial. 2½x2½x1½". Weighs 2 lbs. POSTPAID IN U.S.A. PH2726-YOUR COST.

**UNIVEX Exposure Meters**

Two types - one especially designed for still cameras and cover practically all film speeds and diaphragm settings. The other is for movie cameras. Both are extinction type meters and cover practically all film speeds and diaphragm settings. Molded of durable black plastic with matching molded cases having screw-top covers. Easy to use with all necessary information engraved right on the meter. POSTPAID IN U.S.A. ONLY.

**PHOTOX S. S. Meter**

A very compact and extremely sensitive photo-electric cell exposure meter for both still and movie cameras. It is suitable for both artificial and natural light. The photo-cell is recessed so as to be shielded from the "sky light" for greater accuracy outdoors. The calculator is calibrated for Scheiner and Weston film speeds from 11 to 38 Scheiner, and 1.5 to 800 Weston. Diaphragm openings in half stops from 1:3.5 to 1:36 and exposure times from 1/2000th of a second to 1 full minute. The meter scale is calibrated for quick, accurate and reliable results. The smooth streamlined case is of molded bakelite and equipped with an attractive Bakelite case. Complete easy-to-understand instructions are furnished with each meter.

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**American-Made All-Metal Tripods**

A tripod that is different! Easy to handle because it is compact. Steady as the rock of Gibraltar because it is designed right. Easily adjustable because of its new "sure-grip" clutches. Adaptable for indoor or outdoor use because of its reversible tips. Attractive in appearance because of its special "anodized" finish.

No effort was spared to make this one of the outstanding tripods on the market today. Made of aluminum, it is conveniently light, yet is exceptionally sturdy and rigid. A new type of "sure-grip" clutch device will permit adjustments of the tripod at any desired height, yet will not scratch the metal. Top head is also of heavy aluminum and is broad enough to support view cameras. It is also so bevelled as to permit free panning action. By a practical screw arrangement, the tripod can stand on either rubber or spattered tips. Finished by ANODIZING—a hardening and finishing process which prevents scratches and abrasions and adds to its beauty!

**2 Section Model**
- Extends from 33" to 62" and incorporates all of the features described above. Shpg. wt. 5 lbs.
- Special designed carrying case for above tripod. PH925 -- $1.89

**3 Section Model**
- More compact when closed. Extends from 25" to 62". Excellent for portable use. Shpg. wt. 5 lbs.
- Special designed carrying case for above. PH924 -- $1.49

**New! Lafayette Aluminum Tripods**

Illustrated above is the Thalhammer Thrifty Senior fitted with PH8614 (see below) Pan and tilting head. It is light enough for your miniature and sturdy enough for your 5x7". A specially designed die-cast top and thoroughly seasoned hardwood assure absolute rigidity. Exclusive "Surefoot" feet allow instant choice of either soft rubber pads or sharp claws. Extends to 62" closes to 33". Wt. 6 lbs.

**Eastman Kodak OPTIPOD**

The tripod you can carry in your pocket. Clamp it anywhere and there is your tripod, tilt-top and all. Can also be used as a tilt-top on a standard tripod. Clamp lined with felt. Shpg. wt. 2 lbs.

**Tilt-Top**
- For use with any camera and tripod. All metal heavily nickedel. Felt pad to protect camera. PH8601--YOUR COST

**ROYAL Tilt-Top**

A remarkable, easy to use tilt-top, all movements of which are controlled by the handle alone. Heavy enough to be used with the larger amateur motion picture and still cameras. Smooth in operation with positive lock at any position. Rod fits all American type cameras. Can be used with any make tripod. Beautifully made of accurate die-castings and machined brass. Brightly polished chrome plate. Colored plastic handle. POSTPAID IN U.S.A. PH8600--YOUR COST

**DELUXE Tilt-Top**

Precision construction and perfect design make this one of the finest Tilts-Tops ever offered. Velvety smooth in operation with positive one hand lock at any position. Smooth "panning" control eliminates "jerky" unsteady pictures. Graduated scale at base greatly simplifies making "pan" shots in sequence with a camera. Has standard stud for American type cameras. Attractively finished in brilliantly polished chrome. Wt. 3 lbs.

**VICEROY Tilt-Top**

Made of steel and brass plated with rust resisting polished nickel. Precision workmanship. Very attractive substantial Cast-alum handle. Easily and quickly set and locked at any position. Smooth panning action at any angle. May be used with any tripod. Has standard American style stud to fit any camera. Designed for use with miniature cameras of any make. Excellent precision construction and fine material.

**THALHAMMER Tripods**

A truly remarkable value in an all-around tilt-top suitable for use on any standard tripod. Especially designed for miniature cameras and will lock, tilt or pan at any angle. All adjustments with a single handle. Easy to use and operate. Made of die-cast metal. Standard stud fits any American camera. Handle smoothly finished. Felt pad protects camera from scratches. Has good workmanship and ingenious design. Shpg. wt. 2 lbs.
LaFayette Mounts and Filters for Still Cameras

New precision made mounts, that greatly simplify the changing of filters and position them any snap securely into position yet are easily removed. Can be adjusted to take care of slight variations in camera lens sizes from the standard sizes listed below.

FILTER MOUNTS ONLY

Type A will take 25 mm. filters and portrait lenses; type B 32 mm.; and type C 39 mm. See listing below for filters and portrait lens.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Type</th>
<th>Diam.</th>
<th>Type</th>
<th>Diam.</th>
<th>Type</th>
<th>Diam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH9574</td>
<td>A</td>
<td>21 mm.</td>
<td>PH9580</td>
<td>B</td>
<td>28.5 mm.</td>
<td>PH9585</td>
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<tr>
<td>PH9575</td>
<td>A</td>
<td>23 mm.</td>
<td>PH9581</td>
<td>B</td>
<td>29.1 mm.</td>
<td>PH9573</td>
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<tr>
<td>PH9576</td>
<td>A</td>
<td>24 mm.</td>
<td>PH9582</td>
<td>B</td>
<td>30 mm.</td>
<td>PH9586</td>
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<tr>
<td>PH9578</td>
<td>A</td>
<td>25.5 mm.</td>
<td>PH9583</td>
<td>B</td>
<td>32 mm.</td>
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</tr>
<tr>
<td>PH9579</td>
<td>B</td>
<td>27 mm.</td>
<td>PH9584</td>
<td>B</td>
<td>33 mm.</td>
<td></td>
</tr>
</tbody>
</table>

Type A Listed Above: YOUR COST—EACH... 69¢

Type B and C Above—YOUR COST—EACH... 89¢

25 Millimeter OPTICAL GLASS FILTERS

PH9504—Light Yellow (K-1) PH9506—Medium Green (X-2)
PH9505—Light Green (X-1) PH9529—Orange (G)
PH9512—Light Green (X-1) Any type listed above—YOUR COST—EACH... 75¢

32 Millimeter OPTICAL GLASS FILTERS

PH9515—Light Yellow (K-1) PH9518—Medium Green (X-2)
PH9516—Medium Yellow (K-2) PH9549—Orange (G)
PH9517—Light Green (X-1) Any type listed above—YOUR COST—EACH... 75¢

39 Millimeter OPTICAL GLASS FILTERS

PH9508—Light Yellow (K-1) PH9510—Medium Green (X-2)
PH9509—Medium Yellow (K-2) PH9519—Red (A)
PH9514—Light Green (X-1) PH9568—Orange (G)
Any type listed above—YOUR COST—EACH... 95¢

New! Lafayette Combination Sunshade and Filterholders

Made of strong yet light duraluminum, Precision made to exacting specifications they effectively shield the lens from light flares but do not cut into the picture area even of minimum aperture values. They are also designed to hold the Lafayette Optical Glass Filters (or any similar type) and the Lafayette Portrait Attachment Lenses, and so are made that filter glasses can be easily changed. Type A takes 25 mm. filter, type B 32 mm. and type C 39 mm.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Type</th>
<th>Diam.</th>
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<th>Type</th>
<th>Diam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH9587</td>
<td>A</td>
<td>23 mm.</td>
<td>PH9592</td>
<td>B</td>
<td>29.1 mm.</td>
<td>PH9597</td>
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<tr>
<td>PH9588</td>
<td>A</td>
<td>24 mm.</td>
<td>PH9593</td>
<td>B</td>
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<tr>
<td>PH9590</td>
<td>A</td>
<td>25.5 mm.</td>
<td>PH9594</td>
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<tr>
<td>PH9590</td>
<td>B</td>
<td>27 mm.</td>
<td>PH9595</td>
<td>B</td>
<td>33 mm.</td>
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</tr>
<tr>
<td>PH9591</td>
<td>B</td>
<td>28 mm.</td>
<td>PH9596</td>
<td>C</td>
<td>36 mm.</td>
<td></td>
</tr>
</tbody>
</table>

Type A listed above. YOUR COST—EACH... $1.69
Type B. YOUR COST—EA... $1.98
Type C. YOUR COST—EA... $2.49

FILTER AND LENS POUCH

Will hold six of the optical glass filters listed on this page. Convenient method of carrying and protecting filters.

PH9222—YOUR COST... 49¢

SPECIAL GIFT COMBINATIONS

Combination consists of one of the combination Lafayette Sunshade with one Filter Holder, one medium yellow, one red, one orange and one medium green filters, and a Lafayette Lens Pouch as described above. Be sure to specify size of sunshade desired. Refer to listing above to see which filter size must be purchased.

SPECIAL COMBINATION

Filter Size Stock No. Regular Value TION PRICE

25 mm. PH9444 55¢ 18¢ $4.69
32 mm. PH9445 5.47 4.98
39 mm. PH9446 7.78 6.98
Portrait Attachment Lenses (Fit plain and combination mounts) PH9472—25 mm. 45¢ PH473—32 mm. 49¢ PH9474—39 mm. 65¢

Combined Range Finder and Exposure Meter

Made in America by Saymon-Brown, this new instrument combines a range finder with the equally necessary exposure meter. Precision made and highly accurate the range finder measures any distance from 2½" to infinity with the last calibration before infinity at 300’. The exposure meter gives information direct without requiring any "setting" before or after use. Complete with case.

PH9329—YOUR COST—POSTPAID IN U.S.A... $6.75

Range Finder only. Same as the above but without the exposure meter feature. With Case.

PH9390—YOUR COST—POSTPAID IN U.S.A. ONLY... $4.75

PH9321—Bracket to attach either model to camera 25¢

ECONOMY ACCESSORIES

Positive Files

Beautiful levant grain cases made of one piece and sturdy enough to withstand years of service. Snap-on hinged tops. In three sizes; No. 1 for 35 millimeter and 5x7 negatives; No. 2 for 4x5" camera (127) negatives; No. 3 for No. 116 and No. 120 negatives. All provided with 100 super fine glass envelopes and index cards. Size: 3½ x 5 inches. PH9409—Size 1 $1.49
PH9410—Size 2 $1.49
PH9411—Size 3 $1.49

Extra packets of 100 glass envelopes plus index cards. PH9413—For Size 1. PH9414—For Size 2. PH9415—For Size 3. YOUR COST. Any Size. $49¢

De JUR RANGE FINDER

The Range Finder With the Brighter Image

A new design permits a much brighter image than is available in most range finders. This extra light makes it possible to focus far more accurately and with much less eye strain. In addition, the extended eye piece simplifies the centering of the image and does not permit extraneous light to enter the viewing lens. Larger and sharper focusing methods assure much more exact and easier focusing. The range scale is from 2 feet 6 inches to infinity with the last calibration before infinity at 300 feet. Instrument comes complete with a slings, a genuine cowhide camera. Made in U.S.A. and fully guaranteed by the manufacturer.

PH9326—Delux Range Finder. YOUR COST—POSTPAID IN U.S.A. ONLY... $9.95

Negative Preservers

Why take the chance of ruin- ing your negatives? Pictures of loved ones that you may never again be able to take. These film envelopes are especially designed to protect film negatives. They do not contain any harmful oils or chemicals that might affect the film emulsion. "Thumb-cut" for added convenience when handling nega- tives.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Env. No.</th>
<th>Size</th>
<th>Case</th>
<th>Price</th>
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<tr>
<td>PH9425</td>
<td>2½x3½&quot;</td>
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<td>PH9430</td>
<td>2½x3½&quot;</td>
<td>3¢</td>
<td>9¢</td>
<td></td>
</tr>
<tr>
<td>PH9431</td>
<td>3x4&quot;</td>
<td>4¢</td>
<td>8¢</td>
<td></td>
</tr>
<tr>
<td>PH9432</td>
<td>4½x6½&quot;</td>
<td>5¢</td>
<td>9¢</td>
<td></td>
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</table>

Lafayette Accessories

**LaFayette Lens Cleaner**

Special Neutal solution that contains no soap or alkali. 1 oz. bottle.

PH9229—EACH... 16¢

**LaFayette Lens Tissues**

Especially made for cleaning lenses. 50 pairs 4¢

PH9225—Wrist Strap... 29¢

PH9226—Neck Strap... 59¢

Each outfit includes 100 envelopes and a set of index cards. **G Lafayet**

ECONOMY ACCESSORIES

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Beautiful levant grain cases made of one piece and sturdy enough to withstand years of service. Snap-on hinged tops. In three sizes; No. 1 for 35 millimeter and 5x7 negatives; No. 2 for 4x5" camera (127) negatives; No. 3 for No. 116 and No. 120 negatives. All provided with 100 super fine glass envelopes and index cards. Size: 3½ x 5 inches. PH9409—Size 1 $1.49
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<td>3¢</td>
<td>9¢</td>
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</tr>
<tr>
<td>PH9430</td>
<td>2½x3½&quot;</td>
<td>3¢</td>
<td>9¢</td>
<td></td>
</tr>
<tr>
<td>PH9431</td>
<td>3x4&quot;</td>
<td>4¢</td>
<td>8¢</td>
<td></td>
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<td>PH9432</td>
<td>4½x6½&quot;</td>
<td>5¢</td>
<td>9¢</td>
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</tbody>
</table>
KODAK

Verichrome is an excellent orthochromatic film with a double coating to guard against over and under-exposure. Super XX is a fast panchromatic film that is extremely sensitive making possible successful pictures even under poor lighting conditions. Panatomic X provides extremely fine grain for perfect big enlargements.

**SHIPPED POSTPAID IN U.S.A. ONLY.**

<table>
<thead>
<tr>
<th>Size No.</th>
<th>Verichrome X</th>
<th>Panatomic X</th>
<th>Super XX Pan.</th>
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<tbody>
<tr>
<td>520</td>
<td>PH3114 23c</td>
<td>PH3122 27c</td>
<td>PH3100 27c</td>
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<td>PH3115 27c</td>
<td>PH3124 32c</td>
<td>PH3102 32c</td>
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<tr>
<td>616</td>
<td>PH3116 32c</td>
<td>PH3125 36c</td>
<td>PH3104 36c</td>
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<tr>
<td>520</td>
<td>PH3117 27c</td>
<td>PH3126 32c</td>
<td>PH3101 32c</td>
</tr>
<tr>
<td>520</td>
<td>PH3118 27c</td>
<td>PH3127 36c</td>
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<tr>
<td>616</td>
<td>PH3119 27c</td>
<td>PH3128 36c</td>
<td>PH3105 36c</td>
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<td>520</td>
<td>PH3120 41c</td>
<td>PH3121 41c</td>
<td>PH3106 41c</td>
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<td>520</td>
<td>PH3121 41c</td>
<td>PH3122 50c</td>
<td></td>
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</table>

**KODAK Film Pack (12 Exposures)**

- 520 in 2(4x3'/4"; 518 in 3(4x4'/4"; 541 in 9x12 cm; 523 is 45" Suprathermo Super XX Pan. Exposed Panatomic X

<table>
<thead>
<tr>
<th>Size No.</th>
<th>PH2912 54c</th>
<th>PH2900 63c</th>
<th>PH2902 51c</th>
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<td>PH2908 63c</td>
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<tr>
<td>523</td>
<td>PH2915 01c</td>
<td>PH2911 26c</td>
<td>PH2906 26c</td>
</tr>
</tbody>
</table>

**FAMOUS GEVAERT ROLL AND PACK FILM**

- Supplied in two types: Express Superchrome and Panchromatic. Both types are double coated to insure the widest latitude in conjunction with extremely high speed. Express Superchrome is orthochromatic; Panchromatic is sensitive to all colors of the visible spectrum. Average shpg. wt. 1 lb.

**KODAK BANTAM FILM**

For Kodak Bantam cameras and Argus Model M cameras.

- PM2000—FX-828, Panatomic X, 8 exposures, 6c each. PM2002—FX-828, Panatomic X, 8 exposures, 6c each. PM2002—FX-828, Super XX, 8 exposures, 2 for 45c.

**NEW KODAK 35 MM. FILM**


**KODAK BULK 35 MM. FILM—271/2-FT. LENGTHS**

- PM3024—Panatomic X, In can. $2.25. PM3025—Super XX, In can. $2.25.

**KODAK BULK 35 MM. FILM—50-FT. LENGTHS**

- PM3026—Panatomic X, In can. $3.80. PM3027—Super XX, In can. $3.40.

- ALL KODAK FILM LISTED ABOVE POSTPAID IN U.S.A. ONLY.

**GEVAERT 35 MM. FILM CARTRIDGES**

For Leica, Contax, Argus, Retina, Exakta, etc. 36 exp. PM3007—Express Superchrome. EACH 6c. PM3008—Panchromatic EACH .75c. PM3006—Exposure Panchromatic EACH .39c. PM3009—Express Superchrome EACH .33c. PM3010—Panchromatic EACH .17c.

**UNIVEX MERCURY FILM (Include Postage)**

- Description 36 exp. EACH 18 exp. EACH Ultrachrome PM3400 39c PM3403 29c. Microchrome PM3404 44c PM3407 29c. Ultrapan S.S. PM3402 40c PM3405 39c.

- PM3200—ARGUS PAN FILM for Argus "N" and Bantam cameras. (12 exp.) 35c.

**AGFA**

Agfa is acknowledged as a leader in the manufacture of fine film emulsions. ALL AGFA FILM SHIPPED POSTPAID IN U.S.A.

**ROLL FILM**

- Panchromatic—All around favorite for all cameras. PM3300—25c. PM3301—30c. PM3302—30c. PM3303—35c. PM3304—35c. PM3305—55c.

**Fast and Panchromatic Films—For speed and color balance.**

<table>
<thead>
<tr>
<th>Size</th>
<th>Super</th>
<th>Super Pan</th>
<th>Pan</th>
<th>Flano</th>
<th>Any</th>
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<td>620</td>
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<tr>
<td>609</td>
<td>(2x)</td>
<td>PM3331</td>
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**FILM PACKS**

- 520 in 2(4x3'/4"; 518 in 3(4x4'/4"; 541 in 9x12 cm; 523 in 45"

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<td>63c</td>
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<td>PM2937</td>
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<td>541</td>
<td>PM2944</td>
<td>1.26</td>
<td>7.14</td>
<td>PM2945</td>
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</tbody>
</table>

**AGFA 35 MM. FILM**

ALL AGFA FILM IS SHIPPED POSTPAID IN U.S.A. ONLY


- PM3506—Fine Grain Planchrome. EACH 81c. PM3504 94c. Infra Red Leica Type PM3504 $1.08 PM3509 68c. PM3505—Special for Argus. Superpan Suprema, 18 exp. 45c. AGFA BULK 35 MM. FILM—71/2-FT. LENGTHS PM3508—Ultra Speed Pan. notched. In can. 1.45. PM3509—Superpan Suprema, notched. In can. 1.45. PM3510—AGFA BULK 35 MM. FILM—55-FT. LENGTHS PM3506—Ultra Speed Pan. notched. In can. 3.15. PM3505—Superpan Suprema, notched. In can. 3.15.

**AGFA MEMO 35 MM. CARTRIDGES**

For the new Memo "double frame" and the old Memo "single frame" cameras. Provide 24 double frame or 48 single frame exposures.


**DUPONT 35 MM. FILM (Postpaid in U.S.A.)**

- PM3025—Superpan for Leica, Argus, etc. 36 exp. PM3034—Superpan for Leica, Argus, etc. 18 exp. 50c. PM3016—Superpan for Contax, 36 exposures. 77c. PM3004—Fine Grain Parpan for Leica, Argus, etc. 36 exp. 77c. PM3005—Fine Grain Parpan for Contax, 36 exposures. 77c. PM3008—Infra red film cartridge for Leica. 1.14. PM3009—Infra red film cartridge for Contax. 1.14.
Wide exposure latitude coupled with precision processing by Eastman technicians is the basis for Eastman popularity. Both black and white and full color Kodachrome film is processed free.

100 Foot Rolls 50 Foot Rolls

No. EACH TYPE No. EACH
PH2850 $4.05 Safety Film PH2851 $2.93
PH2852 5.40 Super X Pan PH2852 3.38
PH2854 6.10 Super XX Pan PH2853 4.28
PH2856 6.10 Kodachrome PH2855 4.08
PH2858 6.10 Kodachrome A PH2857 4.28

Standard Double
3 mm. Film

No. EACH TYPE No. EACH
PH2849 $1.80 Panchromatic PH2876 $3.15
PH2848 2.03 Super X Pan PH2877 2.19
PH2847 3.38 Super XX Pan Kodachrome PH2878 4.50
PH2871 4.12 Kodachrome A PH2879 4.50

ALL ABOVE FILM SHIPPED POSTPAID IN U.S.A. ONLY.

DUPONT 16 MM. Regular Film
A popular panchromatic film with splendid color correction, wide exposure latitude and a non-basaline base. Excellent for use in artificial light. Processed free.
PH2805—100 ft. roll. YOUR COST, $4.05 POSTPAID ANYWHERE IN U.S.A. ONLY.

AGFA CUT FILM
Isopan for greater speed, finer grain. Super-
pam Press for speed. Triple S Pan is a fast portrait film.

Isopan Film (New Type)

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Size of 12</th>
<th>Press Pan of 12</th>
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<tr>
<td>PH4033</td>
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<td>65.9 x 9 cm.</td>
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<tr>
<td>PH4037</td>
<td>3½ × 4¼&quot;</td>
<td>91 × 12 cm.</td>
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Cut Carton 6 Cartons

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<th>Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>2½ × 3½&quot;</td>
<td>$2.49</td>
<td>$2.29</td>
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<tr>
<td>3½ × 4¼&quot;</td>
<td>$4.79</td>
<td>$4.50</td>
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</table>

DEFENDER CUT FILM
XF Ortho is a fast orthochromatic film especially suited for press photographers. XF Pan Press and XF Pan are panchromatic.

<table>
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<tr>
<th>Type</th>
<th>Press Carton 6 Cartons</th>
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<td>PH4059</td>
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<tr>
<td>PH4060</td>
<td>4½ × 5½&quot;</td>
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<tr>
<td>PH4061</td>
<td>5¼ × 6½&quot;</td>
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<tr>
<td>PH4062</td>
<td>6½ × 7½&quot;</td>
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<tr>
<td>PH4063</td>
<td>7½ × 8½&quot;</td>
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<tr>
<td>PH4064</td>
<td>8½ × 9½&quot;</td>
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Eastman Kodak Movie Film

Color Film for Still Cameras

35 MM. Kodachrome Film
Price includes processing of scenes.
Labs, 18 exposures.
PH3022-K-135—For use in daylight or in artificial light with special filter.
YOUR COST, $2.25
PH3023-K-135A—For use in artificial light without filter or daylight with filter.
YOUR COST, $2.25

Bantam Kodachrome
For Bantam and similar cameras.
PH3020-R-828—For daylight.
PH3021-R-826A—For artificial light. EITHER TYPE EACH.
KODA-
CHROME IS POSTPAID IN U.S.A.

Eastman Kodak Color Film

Daylight type can be used in artificial light with filter. Processed in color. All three are available in U.S.A. Kodachrome for Daylight.

<table>
<thead>
<tr>
<th>Stock No.</th>
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<tbody>
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<td>5¼ × 6½&quot;</td>
</tr>
<tr>
<td>PH4064</td>
<td>6½ × 7½&quot;</td>
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Eastman Kodak Color Film

Data includes processing of scenes.
Labs, 18 exposures.
PH3022-K-135—For use in daylight or in artificial light with special filter.
YOUR COST, $2.25
PH3023-K-135A—For use in artificial light without filter or daylight with filter.
YOUR COST, $2.25

Bantam Kodachrome
For Bantam and similar cameras.
PH3020-R-828—For daylight.
PH3021-R-826A—For artificial light. EITHER TYPE EACH.
KODACHROME IS POSTPAID IN U.S.A.

Eastman Kodak Color Film

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</table>
UNITEX Cine Cameras

"WORLD'S FAIR" MODEL: New, improved models featuring totally corrected high speed lenses; supplied with sunshade; interchangeable lens mount; powerful, dependable, and quiet running spring motor; built-in through the camera optical view finder; special shutter automatically compensates for sky glare and always stops in closed position; snaplock hinged cover. Excellent for use indoors with photograph. Attractively finished in antique bronze with chromium trim. A sturdy built and compact camera that stands-out as a truly remarkable buy!

PMH2002—Univex Camera with s.5 lens. Shpg. wt. 4 lbs. $14.77
PMH2004—Univex Camera with Wollensak f.5.5 Anastigmat lens. Shpg. wt. 4 lbs. YOUR COST. $21.27

Special Low Priced Model A-8

Similar to the above, but has f.5.5 lens and has attached frame view finder in place of the through the camera unit.

PMH2003—Shpg. wt. 4 lbs. $6.95
PMH2004—Shpg. wt. 4 lbs. $6.95
PMH2004 Film: In standard (or orthochromatic) and Ultra-Fan (panchromatic) in spools of 30 feet, for daylight loading.

PMH2026—Standard...63c
PMH2026—Ultra-Fan...66c
TELEPHOTO LENS: 1-Inch f.3.5 lens at a real low price. Gives double magnification; ideal for sport shots or for portraiture. Fits all models.

PMH1970—YOUR COST. $10.72

Everyday case with shoulder strap for any of the above cameras. Wt. 2 lbs.

PMH489—YOUR COST. $1.89

FILMO Double 8 Cameras

Since 1907 Bell and Howell have been famous manufacturers of motion picture equipment used in professional studios in Hollywood and other film producing centers. All of the knowledge gained in producing this equipment has been utilized in the design of the popular Filmo Double 8 Cameras. Smallest and lightest of personal movie cameras, they are also the simplest to operate. Film can be loaded in daylight, in a few moments. No sprockets to thread and no loops to form. A rotary shutter gives accurate, uniform exposure. Four speeds available, depending on the model selected. Lenses are f.5.5 and f.2.5—ample fast for all normal work, including color film. In addition, a single frame exposure device permits making cartoons or trick titles. Case is of die-cast aluminum alloy. Provisions have been made to permit the use of other lenses; UV filters are attached to the viewfinder for use with 1 inch and 1/2 inch lenses.

PMH2045—FILM "Companion" (134-G) with f.3.5 lens, four speeds: 8/16/24/32 frames per second. YOUR COST. $49.50
PMH2046—FILM "Sportster" (134-F) with f.2.5 lens, four speeds: 16/32/48/64 frames per second. YOUR COST. $75.00

Both Model 20 shipped postpaid in U. S. A.

PMH710—Everyday carrying case for either of the above. Wt. 2 lbs. YOUR COST. $4.95
PMH4640—Gray leather compartment case for above models. Plush lined. Holds camera, 2 films and accessory filters. Has handle and shoulder strap. Wt. 2 lbs. YOUR COST. $8.50

A complete listing of popular 8 mm home movie subjects will be found on page 43.
It's easy to make good movies!

16 MM. Magazine Cine-Kodak

Film is supplied in 50-foot magazines which slip right into the camera. Footage indicator shows amount of unexposed film remaining. Magazines can be removed from camera when partially or totally exposed. Three shutter speeds: 16, 32 and 64 frames per second. Kodak Interchangeable f:1.9 lens. "Push" button posts you on the length of your shots. List $117.50. POSTPAID.

PH2007  YOUR COST  $105.75

PH965 - Compartment carrying case of top grain cowhide. Wt. 3 lbs. EACH  $7.95

Filters for Magazine and Model K Cameras

PH9524 - Kodachrome Matte Filter
PH9526 - Kodachrome Type A Daylit. Filter
PH9522 - Yellow Color Filter

YOUR COST EACH. Any of above  $2.19

FILMO 141-A 16 MM. Camera

Ideal camera for beginners and for those who take movies only occasionally, and at the same time giving advanced workers the features they most desire in a camera. Film for the model 141 comes ready-threaded in a sealed cartridge holding 50-foot. It is the Kodak film MAGAZINE with built-in footage dial, and is available in black and white or full color Kodachrome. Among the important features are: PROJECTED VIEWFINDER that is positive in action. It permits no shifting of the field when the operator's eye wanders from the center of the eyepiece. FOUR SPEEDS: 16, 24 and 32 frames per second. SINGLE FRAME EXPOSURE; push the starting button up and a single frame is exposed. This device permits making of animated cartoons and titles. The starting button is guarded against accidental contact, and may be locked up to keep the camera in operation. GOVERNOR, precision type, maintains correct speed throughout the run. POWERFUL SPRING provides for 12'-4" feet of film per winding. EXPOSURE GUIDE built into the side of the camera tells correct lens setting for every light condition. ROTARY SHUTTER assures uniform exposure. Size: 1-1/216 x 3/4".

PH2030 - Filmo 141-A with Taylor-Hobson 1:2.7 lens

YOUR COST  $115.00

Compartment case for above. Of top grain cowhide and two 50-foot film magazines. POSTPAID IN U.S.A. ONLY.

PH9445 - YOUR COST  $12.50

Sheath case for camera only. Top grain cowhide. With strap. POSTPAID IN U.S.A. ONLY.

PH9446 - YOUR COST  $4.50

NOTE: We can supply you with any Bull and Howell equipment not listed here. Please write for prices.

KEYSTONE 16 MM. Cameras

A splendid series of 16 mm. cameras suitable for use with black and white or full color film. All have the following features: WOLLENSACK LENS, universal focus with mechanical iris; DAYLIGHT LOADING—camera may be loaded in broad daylight; INTERCHANGEABLE LENS MOUNT—can be set to any type lens; EXPOSURE CHART showing how to adjust lens to various light conditions; VISUAL FOOTAGE INDICATOR showing exact length of exposed film; MONOCULAR VIEW FINDER built right into the camera; SPRING MOTOR withstands severe service and wear; a clock; AUDIBLE FOOTAGE INDICATOR to determine footage as taken; LOCKING KNOB permits operator to step into the picture. Capacity of camera is 50 or 100 ft. of 16 mm. film. Size: 2¼ x 3¼" wide. Finished in wrinkle enamel with chrome trim. Tripped insert. Wt. 5 lbs.

MODEL B-1, SINGLE SPEED: Has f:3.5 lens

PH2019 - List $29.95. YOUR COST  $23.95

MODEL A-3, THREE SPEEDS: Has f:3.5 lens and three speeds: normal, intermediate and s.i-o-w motion

PH2020 - List $35.00. YOUR COST  $27.95

MODEL A-7, SEVEN SPEEDS: Has f:2.7 lens and seven speeds: normal, s.i intermediate and s.i-o-w motion

PH2021 - List $44.50. YOUR COST  $35.95

Cowhide carrying case for any of the above models. PH9637 - YOUR COST  $4.25

Model K 16 MM. Camera

Loads in a jiffy with 50 or 100 foot rolls of black and white or full color Kodachrome. Simple to operate, dependable and efficient. Has fast automatic f:1.9 lens suitable for use under all light conditions. Can be operated at half speed as well as normal speed. Footage indicator shows amount of unexposed film remaining. Handy exposure guide shows proper lens opening for various light conditions. Both eye-level and waist-level view finders are provided.

SHIPPED POSTPAID IN U.S.A. ONLY.

PH2005  YOUR COST  $72.00

Plush-lined, sturdy carrying case for above. Of top grain cowhide with compartments for 2-100' reels. Shpg. wt. 3 lbs.

PH9626 - YOUR COST  $9.95

Model E 16 MM. Camera

A low cost, high quality Cine-Kodak that's inexpensive to own and operate. It features: Kodak Anastigmat f:3.5 lens; fixed focus to insure clear, sharp pictures from a few feet to infinity; three speeds: normal, intermediate and s.i-o-w motion; dual footage indicators; eye-level optical viewfinder; extremely simple loading and threading; powerful spring motor with folding winding handle on the side of the camera. Case provided with sturdy carrying handle. Can be used with either black and white or full color film. SHIPPED POSTPAID IN U.S.A. ONLY.

PH2008 - Model E. List $39.50. YOUR COST  $35.55

CARRYING case for above.

PH9617 - Shpg. wt. 3 lbs. EACH  $6.95

IRWIN 16 MM. Magazine Loaders

CENTURY MODEL: Cheaper to operate than a snapshot camera—and you get living pictures! This smart model (not illustrated) features: 1:4.5 achromat lens; optical spyglass finder; footage indicator; powerful spring motor. Uses standard Irwin film. Finished in black and chrome. With carry strap.

PH2055  YOUR COST  $11.79

PH9601 - Case for above $1.95

IMPERIAL MODELS: Shown. Latest models. Have all features of the Century, plus f:1.15 flog type shutter; 6 diaphragm stops; Anastigmat lenses; sunshade on sn; built-in view finder.

PH2051-1:4.5 lens. YOUR COST  $19.95

PH2052 - With 1:3.5 lens. YOUR COST  $26.95

ALL IRWIN CAMERAS ABOVE POSTPAID IN U.S.A. ONLY. Leather case for above models. POSTPAID PH9650 - YOUR COST $3.15
FILMO 8 MM. PROJECTOR

Not just another movie projector but a real projection machine that provides brilliant theater-quality pictures equal in sharpness and precision to those seen in the best motion-picture theaters. It is especially designed to meet the requirements for successful home use by the amateur. Among its many outstanding features is the complete film protection that greatly increases the life of your film. They system is designed by the projector because of the picture area of the film in order to fit the projector. Every film guidance is by the edges of the film and a specially designed shutter minimizes peripheral glare.

Brilliant Illumination

Brilliant illumination is obtained by a direct lighting system employing a 400 or 500 watt (depending upon model chosen) lamp and an extra fast f/1.6 lens. An 11 to 1 shutter and shutter movement eliminate flicker. Fully enclosed gears drive the feed and takeup reels and there are no chains or belts exposed or used. Accurately made gears assure quiet operation and long life.

Easily Focused

Focusing is simple and smooth and all operating adjustments are quickly and easily made even in dim light. Construction is unusually sturdy. Base and lamphouse are die cast metal and a powerful motor drives the projector and provides a powerful draft of air to cool the lamp. Capacity of the projector is 200 feet of film, enough for a 17 minute show.

KODASCOPE 8 MM. PROJECTOR

A fitting companion for the very popular Cine Kodak's. Despite Rs. reasonable price it is very efficient. A forced draft ventilation system, actuated by a powerful motor, prolongs the life of the projection bulb and keeps the film and the mechanism cool. The bulb employed is a 300 watt projection lamp which together with the fast lens system, provides splendid pictures up to 40 inches in size. Built with great precision and each part is fitted and finished with great care. The Model 58 is easy to operate. Anyone can thread, frame and focus this machine at the first try. It has a capacity of 200 feet of film and the film is easily rewound by motor. The projector can be operated on either d.c. or a.c. on 110 volts 25 to 60 cycles. The machine is beautifully finished in dull black and chrome. All necessary adjustments such as focusing, etc., are provided.

KEYSTONE M8 AND R8 PROJECTORS

Made by a manufacturer who has been famous for many years as an outstanding producer of a complete line of motion picture equipment. These two 8 mm. Projectors are excellent values incorporating many fine features. Both have a.c.-d.c. motors for operation on either d.c. or a.c. 110 volts 60 cycles.

The Model M8 employs a powerful 300 watt lamp and has a fully achromatic lens that assures perfect, clear black and white or full color pictures. A highly polished reflector adds to the efficiency of the lamp by concentrating light ordinarily wasted, onto the film.

The entire projector is mounted on a heavy cast iron base equipped with soft padded feet. A tilting device is easily adjusted to any desired angle. Either 200 feet or as much as 400 feet of film can be used providing up to 34 minutes of entertainment with a single loading.

The projector is so designed that threading and focusing are extremely simple. Forced draft ventilation and motor rewind are provided.

The Model R-8 is similar to the M-8 but has a faster f/1.85 lens and a more powerful 500 watt projection lamp. It, too, has a capacity of 400 feet of film.

UNIVEX 500 Watt Model P500

This remarkable projector throws a large brilliant picture on a screen 5 by 7 feet in size. A powerful 500 watt lamp together with a highly polished reflector and a condensing lens provides the intense light required to accomplish this feat. The projection lens is an ultra fast f/1.6 of 1" focus. Despite this high degree of magnification the projector is very cool in operation because of a powerful double inbuilt fan running at 3,200 rpm. The entire frame of the projector is of die cast metal assuring perfect alignment and long life. The forced draft cooling system is so efficient that it permits the projection of "stills." All controls are centralized on a single panel. This makes for greater operating ease.
KEYSTONE Model A-72
A reasonably priced 16 mm. Keystone Projector with a f:2.5 finely ground and polished achromatic lens. Employing a 300 watt (500 watt may be used) pre-focus lamp. Forced draft motor driven ventilation. High capacity 400 feet (1 reel furnished). Very simple to thread—single sprocket for both feed and take-up assure absolute synchronization. Offset loupehouse permits ready access to film gate. Full tilt adjustment. Smooth simple focusing control. Beautiful heat resistant finish with plated metal parts highly polished. List Price $44.50. Shpg. wt. 25 lbs. PH2208—Keye... $36.95

Model A-75 Projector
A sturdy projector for flas...erly, flicker-free results. Throws pictures up to 40x52'. Features include: 500 watt pre-focused lamp; ventilating fan to keep lamp, film and mechanism cool; universal a.c.-d.c. motor for 115 volts 25-50 cycles; fine f:2.5 achromatic projection lens; manual...xtures. Comes complete with film splicing kit and full operating instructions. List Price $55.00. PH2284—YOUR COST POSTPAID IN U.S.A. ONLY $49.50

Model A-81 (Shown)
A super deluxe model that throws a picture up to 14 feet wide. Furnished with a 750 watt pre-focus lamp and a f:1.65 auditorium 2" lens fully achromatic. Other features include: forward and reverse projection; still picture frame; worm gear tilting device; rapid motor rewind. This beautifully designed and built projector has all the controls centralized and a pilot light in the base permits operation in dim light. The base and lamp house are heavy duty castings and assure accurate alignment of all working parts. PH2205—Model A-81. List Price $58.50. YOUR COST POSTPAID IN U.S.A. ONLY $62.55

AC-DC ZEPHYR 16 MM. Projector
Employes 200 Watt lamp; condenser lens; precision projection lens; forced draft ventilation; AC-DC motor; variable speed control. PH2241—Projector $15.95

Filmo 750 W "Filmo Master"
Unquestionably one of the finest moderately priced 16 mm. projectors on the market. Entirely gear driven. No bolts or chains anywhere inside or out. The gears are silent, being fully enclosed by rigid aluminum die cast housing. It is regularly furnished with a 750 watt lamp but may also be used with 300, 400 or 500 watt lamps where full brilliance is not desired or required. The lens is the same BAR F 2" inch f:1.6 lens that is used on all of the higher priced Bell & Howell machines. 32% increase in illumination. A Magisquile Condenser is furnished with each projector. This increases the illumination approximately 32%, with the standard lens and lamp. Among the many outstanding features of the "Filmo Master": Lamp Switch. Permits turning the lamp off during rewinding.

Pilot Light. Located just where you need it most, a no-glare pilot light illuminates the mechanism, permitting easy changing of reels in a darkened room.

Two-Way Tilt. Turning a thumbcrew tilts the projector up or down. Reverse. Throw a lever, and the film is run backward, all action on the screen taking place backward.

Shutter Projection. Film movement may be stopped to project any single film frame as a still picture. A safety shutter automatically protects film from heat. Corp. 400 feet. PH2262—Filmo "16 mm. Filmo Master" Projector with 750 watt 110 V lamp. 1 reel and carrying case. YOUR COST POSTPAID IN U.S.A. ONLY 139.00

NOTE: We can supply Standard 16 mm. Sound Projectors on order. Write for prices and literature describing them in detail.

Kodascope Model EE
A remarkable projector at a very low price. Throws 16 mm. picture up to 8 feet wide. Supplied with the finest Kodak f:1.6 lens. Easy to thread, frame, and focus. Extremely quiet in operation. Powerful a.c.-d.c. motor. Provided with 30" till device. No bolts to adjust when rewinding. Six major bearings require no oiling. Other features: tandem pull-down for steady projection; handy rewind clutch; power fan cooler.

PH2215—Model EE projector with f:1.6 lens. YOUR COST $60.75

Model EE Projector with f:1.6 lens. YOUR COST $7.50

GENERAL ELECTRIC
115 V. 500 W. Projection Lamps
Finest available lamps for projectors. Highly efficient, long life and precision construction are inherent characteristics. Each lamp pre-tested before shipment. Operates on 110-120 Volt a.c.-d.c. NOTE: 15% Discount from prices shown when below orders amount to $5.00 or more (except on Bell and Howell projection lamps).

PH8130—200 Watt Prefocus. For Ampro, Keystone A, A-72, 474, B-D-39. YOUR COST EACH $2.20

PH8132—300 Watt Prefocus. For Kodascope 50, EE, E, L, K; Keystone L-84, A-74, A-72, B-49, and A-81. YOUR COST EACH $2.90

PH8126—300 W. Keystone M-8. YOUR COST EACH $2.90


PH8128—750 Watt Prefocus. For Keystone A-81; Kodascope EE, E, G, L, K-50. YOUR COST EACH $4.50

PH8139—750 Watt Prefocus. For all models of Bell & Howell projectors. YOUR COST EACH $4.95

PH8133—400 Watt Prefocus. For all models of Bell & Howell Projectors. YOUR COST EACH $4.75

PH8134—500 Watt Prefocus. For all models of Bell & Howell Projectors. YOUR COST EACH $4.75

AC-DC ZEPHYR 16 MM. Projector
Employes 200 Watt lamp; condenser lens; precision projection lens; forced draft ventilation; AC-DC motor; variable speed control. PH2241—Projector $15.95

Combination Offer!
PH2093—Century Camera $11.75
PH2244—Combination Projector $15.95

Total Value $27.74

PH2244—Combination SPECIAL $24.95

IRWIN ZEPHYR
KEYSTONE
Movie Projectors

Model E-829 16 MM. Projector
An exceptionally low-priced machine that projects bright, clear pictures. An ideal gift item for the Holiday Season. Projects all 16 mm. movies, including full color. Has 110 volt A.C. electric motor with on-off switch. Sprocket, 200-foot metal reel (200 foot capacity), tilt device for angle projection, 125-watt projection lamp, cord and plug. Provides an 8-minute show. Sturdy all-metal body.

PH2207—Shpg. wt. 8 lbs. YOUR COST.............. $3.98

Model E-889 8 MM. Projector
Like above, but for all 8 mm. movies.
PH2217—YOUR COST................................. $4.49

Hand Crank Models
Same as the above, but without motor. Hand driven.
PH2216—Model E-725, 16 Millimeter.
PH2217—Model E-885, 8 mm.
YOUR COST, EITHER MODEL........................ $2.29

Model E-848 16 MM. Projector
A fine machine that has features usually associated with projectors selling at much higher prices. Features include: Universal A.C.-D.C. electric motor; built-in speed control; forced draft ventilation through the lamphouse; 3-color attachment; advance feed take-up sprocket; reflector; concentrated filament bulb with 125-watt rating; new base with swivel for angle projection; spring belt holders to prevent loss of belts; automatic hand crank; motor rewind; nickle-carried handle; approved attached cord and plug set. Furnished with two 200-foot metal reels (capacity 400-feet). Full 10-minute show possible. Shpg. wt. 12 lbs.

PH2204—YOUR COST................................. $7.49

Model E-891 8 MM. PROJECTOR: Same as above, but for 8 mm. film
PH2218—YOUR COST................................. $7.49

Model E-853 16 MM. Projector
Here is a fine projector that will please the most critical home movie devotee—yet it is priced to fit the limited budget! You can make any amateur movie maker happy, too, by presenting him with one of these machines as a holiday gift. Model E-853 provides brilliant, sharp pictures from any 16 mm. movie film, including full color films. Among its many features are: automatic brilliance; air-cooled Universal A.C.-D.C. 110-120 volt electric motor with built-in speed control; forced draft ventilation system from motor through to lamphouse; advance feed and take-up sprockets; reflector; elevated base; lamphouse support; three-color attachment; auxiliary hand crank; spring belt retainers that prevent loss of belts; new swivel base for angle projection; special tubular projection lamp with 125-watt rating; 11" diameter projection lens; nickle-carried handle; rubber tips on base to prevent marring of furniture. Furnished with two 400-foot metal reels; provides a 20-minute show. Has attached cord and plug set. Underwriters Approved. Sturdy all-metal construction with crackle lacquer finish. Shpg. wt. 13 lbs.

PH2209—YOUR COST................................. $9.49

MODEL E-896 8 MM. PROJECTOR: Same as the above, but for 8 mm. movies.
PH2219—YOUR COST................................. $9.49

IRWIN 8 MM. "Zephyr"
An excellent, low priced projector for all 8 mm. movie film, including full color movies. Features include: 200-watt projection lamp for brilliant images; precision made condenser and projection lenses; forced draft ventilation; concealed electric motor that operates on 110-120 volts a.c. or d.c.; variable speed control; automatic construction; flickerless performance. Comes complete with 200-watt lamp, attached cord and plug set and one reel.

POSTPAID IN U.S.A.
PH2240—YOUR COST................................. $15.95

PH1974—F. 1.1" projection lens for bright-er 8 mm. projection. EACH.............. $5.49

PH1312—200-Watt Bulb only....................... $4.50

PH8980—Carrying case.............................. $5.79

UNIVEX 8 MM. Projectors
A.C. Model P-8
An efficient 8 mm. projector that will project ALL 8 mm. film, including color film and professionally made movies which may be bought or rented. Among its features are: f:3 1/2" lens; forced draft ventilations; automatic rewind; separate switch for motor and lamp; manual frame; tilt device; easy threading; quiet operation. Fully guaranteed. Provides steady, flickerless performance. Shpg. wt. 14 lbs.

PH2250—A.C. Model P-8
YOUR COST.................................. $16.05

A.C.-D.C. Model PU-8
Similar to model P-8 above, but operates on 110-120 volts a.c. or d.c. Shpg. wt. 14 lbs.

PH2251—YOUR COST............................... $18.50

Compartment Carrying Case
Sturdy compartment carrying case for either of the above projectors. Room for reels and accessories. Shpg. wt. 4 lbs.

PH9802—YOUR COST......................... $2.69

UNIVEX Projection Lenses
Recommended for extra brilliance; large images and the showing of color film.

1" f:3 Standard Lens
PH1967—For Normal Use
YOUR COST.................................. $1.20

1" f:3 Hi-Lux Lens
PH1968—For maximum brilliance and large images in a large room.
YOUR COST.................................. $4.95

5/8" f:1.65 Hi-Lux Lens
PH1969—For large brilliant images in a small room. Especially suited for color film.
YOUR COST.................................. $5.95

A.BOVE SHIPPED POSTPAID IN U.S.A.

UNIVEX Projection Lamps
Fine quality. Have pre-focused filament and special base for all projectors.

PH8335—Standard Lamp for Model P-8
YOUR COST.................................. $50.00

PH8336—High Intensity Lamp for Model P-8
YOUR COST.................................. $60.00

PH8337—Standard 125-Watt Lamp for Model PU-8
YOUR COST.................................. $1.50

PH8338—High Intensity Lamp for Model PU-8
YOUR COST.................................. $1.95

ALL SHIPPED POSTPAID IN U.S.A.
The Home Movie Maker

BELL and HOWELL
8 Millimeter Tilter

With this new title making unit, Films 8 mm. camera users can film their own titles with ease and assurance. The Tilter consists of a vibration-proof pedestal with a title card holder on its base and provision for holding your Film 8 mm. camera at the top. A cross-arm bears two sockets and reflectors for the lamps. Correct exposure and freedom from glare are assured by the fixed position of these lamps. A highly corrected copying lens is included and sealed to focus sharply on the title card. The camera is attached as illustrated, always correctly positioned without adjustment. The outfit comes complete with two dozen title cards and two sets of lamps (less bulbs). SHIPPED POSTPAID IN U.S.A. ONLY.
P12417—YOUR COST $25.00

Movie Tilters

A well constructed, efficient titling outfit that should be included on the accessory list of every home movie maker. It makes a dandy gift item too! All necessary equipment is included. The entire outfit consists of the tilter, a batch of titling cards and an alignment mask. The tilter is all-metal, with lens crystalline finish. Copying lens sealed in position for accurate focus. With instructions. Shpg. wt. 4 lbs.
PH2406—For 8 mm. Keystone cameras.
PH2409—For 8 mm. Keystone cameras.
PH2418—For Bell and Howell Double 8 mm.
YOUR COST—EACH
ANY TYPE ABOVE $3.39
PH2413—For Bell and Howell 16 mm.
PH2414—For Kodak 8 mm.
YOUR COST—EACH
$4.95
PH2222—EXTRA TITLING CARDS for 8 or 16 mm. YOUR COST—$0.15

CINE-KODAK Tilter

A sturdy unit that makes professional looking titles. Very easy to use. After completing your title card, place it in the tilter’s easel, properly lighted by daylight or photofonts. The titler auxiliary lens brings the standard lens into focus on the card. The titler comes with easel, lens mount, 100 title cards and an instruction book. For use with all 8 mm. or 16 mm. Cine Kodaks. Shpg. wt. 4 lbs.
PH2407—List Price $6.50.
YOUR COST—EACH
$5.59

KEYSTONE Tilter

Designed especially for use with Keystone cameras. Fade-in, fade-out, dissolve, animated, progressive and other types of titles can easily be made with this title outfit. Titles can be made either by sunlight or artificial light. The tilter comes complete with a package of mottled art paper on which titles can be typed or hand lettered. A corrected copying lens is sealed in position to insure accurate focus. Camera slips into position without screws or clamps. Attractive brown crystalline finish. Wt. 5 lbs. List Price $6.50.
PH2418—For 8 mm. Cameras.
PH2419—For 16 mm. Cameras.
YOUR COST—EITHER TYPE $5.59

UNIEX Tilter

Designed for use with the Uniex 7" eight millimeter camera. Sturdy all-metal construction. Furnished complete with a silver pencil for writing, 9 x 12" board, metal letter cards, 48-page Uniex book for amateur and expert. Complete details on 8 mm. movie making. SHIPPED POSTPAID IN U.S.A.
Ph5007—YOUR COST $25.00

Movie Film Chests

These well built, inexpensive chests solve the problem of movie film storage. Made of heavy gauge steel with grey enamel finish. Have angled top cover with full length hinge, humidor, lock and key.

8 MM. CHESTS
PH9900—6-Reel Capacity. Shpg. wt. 3 lbs.
YOUR COST—EACH $1.98
PH9901—12-Reel Capacity. Shpg. wt. 5 lbs.
YOUR COST—EACH $2.55

16 MM. CHESTS
PH9902—6- Reel Capacity. Shpg. wt. 1 lbs.
YOUR COST—EACH $2.29
PH9903—12- Reel Capacity. Shpg. wt. 4 lbs.
YOUR COST—EACH $3.25

Humidors and Reels for Movie Film

Humidors are constructed of heavy gauge aluminum. Reels are made of heavy aluminum with patented sprocket feature that enables their use on all types of reel oms. 8 mm. reels have 200 foot capacity; 16 mm. reels have 400 foot capacity.

PM2442—8 Millimeter Reel
PM2443—16 Millimeter Humidor
PM2447—400 ft. 8 Millimeter Reel—EACH $39.00
PM2448—Humidor can for 400 ft. 8 mm. reel—EACH $39.00
PM2444—16 Millimeter Reel
PM2446—16 Millimeter Humidor

For the Home Movie Maker
**IMPROVE YOUR MOVIES**

*Make your own titles*

**Crystal Beaded Screen**
A practical, easy to handle crystal beaded screen. Absolutely no halation in front or at the sides. Reflects four times the light of a diffusive screen within an angle of 25 degrees. Roller type, on a sturdy wood base. Has metal post support. Crystal beaded surface is 36x40". Shpg. wt. 8 lbs.

**PH2751—YOUR COST** $4.49

**BEADED TABLE MODEL:** As above, but with easel brace for table use. Without the easel, can be hung from a hook or nail. Detaching the easel brace allows the screen to be rolled and stowed compactly, 22x30". Shpg. wt. 5 lbs. List Price $2.50. **PH3755—YOUR COST** $2.19

**Special Silver Screen**
For showing black and white or full color films. 24x34". Held taut by a spring wire easel. Shpg. wt. 5 lbs.

**PH2754—YOUR COST** $1.79

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**CRYSTAL Tripod**

**BEADED Screen**
A fine quality 30x40" screen with efficient crystal beaded surface. Frame constructed of strong but lightweight metal tubing. Can be set up quickly and easily, and when not in use it can be folded into a neat compact unit. The height of the screen is adjustable. Screen rolls up into the tubular base support like a window shade. Tripod folds into a compact unit. Metal parts finished in dark crackle. Tripod feet equipped with non-scratching rubber feet. Shpg. wt. 18 lbs.

**PH2756—YOUR COST** $12.95

**PH2757—36x48" Crystal Beaded Tripod Screen**

**YOUR COST** $15.95

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**KEYSTONE DeLuxe Splicers**
For 8 mm. silent and for 16 mm. sound film. Makes a patch splice; no scraping and no water. Precision made to insure quick, accurate results. Splice is strong and clean. No detached parts or loose parts to handle. Entire unit is mounted on a sturdy wood base. Metal parts heavily plated. Outfit includes a handy 1-ounce bottle of film cement, ideal for repairing torn sprocket holes without cutting the film.

**PH2429—DeLuxe Splicer** for 16 mm. silent or sound film.
**PH2430—DeLuxe Splicer** for 8 mm. film.

**YOUR COST EACH**

**EITHER MODEL**... **$3.39**

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**KEYSTONE Editing Outfit**
Provides sharply focused brilliant image in viewer. Viewer mounted on swivel for moving out of position for splicing. For use with both 8 and 16 millimeter film. Has two geared rewinders mounted on hardwood base. Comes complete with bottle of film cement and water bottle. With cord and plug for use on 110 volts, a.c. or d.c. 21½x15½x8". Wt. 8 lbs.

**PH2442—YOUR COST**... **$6.69**

**KEYSTONE Splicing Kit**
An all-metal durable splicer, water bottle, bottle of film cement, scraper and cutter for 8 or 16 mm. films. Shpg. wt. 2 lbs.

**PH2422—YOUR COST**... **$89.**

**Film Cement**
Handy 1-ounce bottle of tested film cement. Makes a secure positive joint.

**PH2460—YOUR COST**... **$19.**

**BELL & HOWELL Film Cement**
Safety film cement that splices ideally all safety film. Round bottle has combination cork and brush; square bottle has screw cap and brush. Both 1-ounces.

**PH2458—Round Bottle**... **25¢**

**PH2459—Square Bottle**... **25¢**

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**SEEMANN "Splicemaster"**
For 8 and 16 mm. Reels

**PH2423—YOUR COST**... **$5.85**

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**UNIVEX Film Viewer and Editor**
Unique device for use with your projector. Provides a bright, clear image of every frame. Easy to operate.

**PM2447—POSTPAID IN U.S.A.**... **$1.95**

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**DELUXE Beaded Screen**
Deluxe movie screen that employs the highly efficient "beaded" reflecting surface that increases the brightness of your pictures without increasing wattage of your projection lamp. It measures 30x40" and is housed in a compact, light weight carrying case that has snap lock fasteners and a sturdy carrying handle. Case is covered with black leatherette. Rigid metal screen support is also contained in the case. Screen unrolls just like a window shade. The metal top bar attached to the screen evenly distributes the spring roller tension, leaving the screen surface free of pulls or ripples. Shpg. wt. 6 lbs.

**PH2750—30x40" Screen**

**YOUR COST**... **$8.89**

**PH2751—YOUR COST**... **$10.95**

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**BELL and HOWELL 8 MM. Film Editor**
A complete outfit comprising a pair of geared rewinds, a splicing device and a special 8 mm. film viewer. Geared rewinds wind film in either direction and accommodate 8 mm. rolls up to 200-foot capacity. Film is drawn through the viewer channel; whenever it is stopped, a magnified, brilliantly illuminated image of a single frame is cast on the viewing screen, about 1½" wide. Screen is shielded. Includes 1-ounce bottle of film cement. Viewer lamp operates on 110 volts a.c. or d.c. **PH2443—YOUR COST**... **$33.00**

**BELL and HOWELL Splicer**
A complete, satisfactory splicer at a moderate price. Handles 16 mm. sound, 16 mm. silent and 8 mm. film, and makes an accurate, strong, pliable diagonal splice. Mounted on a wood base and equipped with a hand scraper blade, 1-ounce bottle of water and 1-ounce bottle of film cement. **SHIPPED POSTPAID IN U.S.A. ONLY**

**PH2437—YOUR COST**... **$4.50**
**Viceroy All-Metal Contact Printer**

A new method of making the actual exposure permits the use of this printer as both a printer and a safelight. The safelight is always on and is controlled by the operating lever. The Viceroy will accommodate negatives from 35 mm. to 4x5”. Positive paper alignment is assured by metal guides set for accurate 3/16” margins. Steadily constructed, this compact instrument is accessible. Sponge rubber coated and double hinged paper back assures uniform pressure over the entire negative area. Hinged top for easy cleaning and bulb replacement. All metal construction—steel and brass. Compact size 7x8½”.

PH8266 - Viceroy 4x5” Printer as described.

**ARGUS Speed Printer**

This machine simplifies the enlarging of 35 mm. negatives and the cost is very low. Entire unit is housed in a portable all-metal cabinet 7½” x 5¼”x10½”. It comes complete with a pre-focused lens and is ready to use. You merely place the film strip in the glass negative holder, place the printing paper on the back cover and press the cover down. There are no adjustments to make. Uses standard Argus Bromix paper 2½x4½” in size. Handsomely finished, and structurally constructed, this compact instrument makes an ideal gift. Operates on 110-120 V. 50-60 cycles a.c.

**ARGUS "Electromatic" Fixed Focus Printer**

The 35 mm. enlarging printer that thinks for you! It accurately checks each negative with its own measuring system. It takes the exposure making a perfect print every time. Fixed focus. Takes all 35 mm. film—individually or in strip form. Makes prints 2½x4½”. Separate negative density and paper contrast controls. Side arm extends in appearance to Speed Printer. For 110 V, 60 cycles a.c. or 110 V, d.c. 2½x4½” Enlarger with 2½x4½” negative holder. Less lens. List Price $18.00.

**5x7 Inch Studio Model**

This Studio Model 5x7 inch Enlarger fills every requirement of the professional and amateur. Its sturdy construction from a potent light system makes all kinds of projection printing easy, results are uniform and certain. It can be fastened to the wall, screwed to the top of the table, or placed in a horizontal position for projection. Enlargements and reductions can be made. (Reduction cannot be made within the 5½” x 5½”). Either films or glass plates may be used from the smallest size up to 5x7". Focusing is by means of a standard type of rack and pinion gear with a positive lock adjustment. The reflector (patented) is of copper, silvered and highly polished. A 100 watt lamp (opal or full frosted enlarging) is recommended. The upright is cast iron and all woodwork is of mahogany, moris-tised for lacing and furniture. The reflector carrier may be inserted from either side. Over-all height is 55”.

PH9221 - 5x7” Studio Model Enlarger with one 100 watt bulb and 4 ft. extension cord, less lens.

**2½x3½ Inch Model AM**

The increasing popularity of 2½x3½” cameras, such as the new Speed Graphic and others, has made this model a great favorite with professionals and amateurs alike. It employs the same potent silvered reflector principle of illumination as the model listed above. The body of this model is cast aluminum and focusing is by means of a large diameter micrometer screw and soft folding bellows. The upright stand is of cast iron with a rustproof steel slide. Vast pocket sizes, and under, can be enlarged to 15 diameters with a 2” lens but for larger negatives a 3½” lens is recommended. The 100 watt enlarging bulb furnished with the enlarger is ample for use with even slow papers due to the high efficiency of the illuminating system.

The negative carrier is so designed that the negative is kept in an absolutely flat plane assuring good definition right to the edges. The complete unit is mounted on a plywood non-warping easel. Overall height of the enlarger is 48”.

PH8220 - Model AM with 100 watt bulb but less lens. List Price $30.00. YOUR COST $27.00.

**ARGUS Speed Printer**

For suitable lenses see opposite page.

**PH9918 - "PLOIFILM" cover for above.... $1.35**

**PH9918 - "PLOIFILM" cover for above.... $1.35**

**2½x2½ Inch Model BM**

An outstandingly fine enlarger for all miniature films from 35 mm. to 2½x2½”. The light system in this model is equipped with an enlarging bulb and a single condensing lens. The light is set at a fixed position and requires no adjustment. The enlarger is designed to have negative carriers which insure rigidity and eliminate vibration. Welding parts operate smoothly and accurately. The body is raised and lowered on a ½” diameter chrome plated tube for the desired picture size and fixed on the table top with an exquisite clamp. It is beautifully finished with a baked blue-black wrinkle finish. The negative carrier is finished in dull black. The column of this enlarger is of the glassless type and does eliminate part of the trouble from dust specks. The column is 30” long and the enlarger will provide up to 10 diameter enlargements with a 3” lens. But any lens from 2” to 3½” may be used. The lens mounting is equipped with multiple threads for focusing and operates very smoothly. A red screen is also provided to swing in front of the lens while adjusting the paper on the easel. The easel or baseboard is laminated and 12½” in size. PH2521 - BM enlarger with 2½x2½” negative holder. Less lens. List Price $18.00.

**ARGUS Speed Printer**

For suitable lenses see opposite page.

**PH9918 - "PLOIFILM" dustproof cover.... $1.35**

**ARGUS Speed Printer**

For suitable lenses see opposite page.

**PH9918 - "PLOIFILM" dustproof cover.... $1.35**

**PH9918 - "PLOIFILM" dustproof cover.... $1.35**

**ARGUS Speed Printer**

For suitable lenses see opposite page.

**PH9918 - "PLOIFILM" dustproof cover.... $1.35**

**PH9918 - "PLOIFILM" dustproof cover.... $1.35**
Solar Enlargers

Solar enlargers are made in two types—"miniature" with adjustable condensing lenses and "senior" with improved ground glass diffusion for the larger size negatives.

The miniature type employs adjustable condensers so that the light produced by the bulb is always focused directly at the enlarging lens for perfect even illumination. Other features include a counter-balanced head, micrometer focusing, scientific stock-type ventilation, heavy chrome plated standards, dustless negative carrier, etc. Two sizes are available—the first for single or double frame 35 mm. negatives—the second for all negatives up to 2½x3¼" including 6.5x cm.

PM 2531—2½x3¼" Solar Enlarger with 2 f:4.5 lens and 1 negative carrier (specify size desired) $44.55

Dustless Negative Carriers for "Solar".

PM 602—35 mm. PM 603—Half Vest Pocket.

PM 605—2½x3¼". PM 668—2½x3¼".

PM 604—Full V.P. (1½x2¼").

YOUR COST EACH, Any Size.

SOLAR 4x5" Enlarger

The Senior 4x5" model has diffused type illumination, dustless negative carrier, etc.

PM 2522—4x5" Solar Senior Enlarger with 4x5" negative holder, baseboard and bulb. Less lens.

YOUR COST.

SOLAR 5x7" Enlarger

Complete with foot switch, bulb and baseboard. (Glass negative carrier). Lens 1:4.5.

PM 2523.

YOUR COST.

5½" lens for 4x5" and 5½" Enlargers Fully corrected f:4.5 (5½") anastigmat lens. With iris diaphragm.

PM 1954—YOUR COST.

$18.89

ARGUS "Argostat"

New 35 mm. Enlarger. Brilliance in illumination is achieved through an offset light-source in which the light is reflected from a flanged opal projection lamp by an optically flat mirror to a pair of condensing lenses.

Remote focusing control is an ingenious arrangement whereby approximate focus is set at the enlarger head and fine focusing is accomplished at the baseboard by means of a handwheel giving a vernier adjustment. Other features include: rigid, rugged construction, dust-free film book and cool operation. PM 2522—Argostat less lens.

YOUR COST

POSTPAID IN U.S.A. ONLY.

PM 2524—Argostat with "Cintar" f:3.5 lens.

YOUR COST.

$55.00

ARGUS "EA" and "EAE" Models

These models employ the reflex lighting system similar to the above models but are for use with Argus A, A2, AF and All cameras. Have optically corrected condenser lenses and tension type negative holders. Swinging built-in red filter and 14½" film holder base.

PM 2504—Argus Model EA with easel and 100 watt lamp. YOUR COST—

POSTPAID IN U.S.A.

PM 2505—Argus Model EAE as above less easel.

YOUR COST.

POSTPAID IN U.S.A.

PM 19918—Dust Cover for any enlarger. $1.35

Enlarging Lenses

Sharp cutting anastigmats in barrel mount with iris diaphragms are supplied for enlargers. Use 2" size for negatives up to 1½x1¾"; and 3" size up to 2½x3¼" (2½x3¼").

PH 1952—2" f:3.5 $9.95

PH 1953—3" f:3.5 $10.95

PH 1952—2½x3¼" $8.95

PH 1952—2½x3¼" $9.95

FEDERAL Model 230

For negatives 2½x3¼", or smaller. This Enlarger has an illumination system that supplies the best advantages of both condenser and diffusion by the use of a 4½" condenser lens and a ground glass plate. An adjustable rod together with a parabolic reflector provides an intense light source that reduces exposure time. Entire head of the enlarger is counter-balanced on a steel tape for one hand operation. Upright post is of steel plated and highly polished. Enlargements up to 3½x4½" can be made directly on the baseboard—up to 3 times on the floor. Both f:6.3 and f:4.5 lenses are available as noted below. A very conventional type negative carrier is supplied and either dustless metal plates or glass pressure plates may be used. Carrier has pressure release for adjusting negatives while in the enlarger. Focusing is accomplished by means of a balanced micro-lever permitting extremely accurate focusing. Shpg. wt. 25 lbs.

PH 2516—Federal Model 230 with f:6.3 anastigmat lens in barrel with iris diaphragm.

YOUR COST

PH 2517—Federal Model 245 with f:4.5 anastigmat lens in barrel with iris diaphragm.

YOUR COST.

FEDERAL Model 505A

(Not illustrated). This very popular priced model has earned an excellent reputation for itself. In appearance to the Model 120 illustrated below but does not have the easy type baseboard. Will take all negatives from 2½x3¼" to 4½x6¼" square. Has 3½x4½" achromatic lens and enlarges to 5 diameters on its 12x14" baseboard. Built-in red safety filter.

PH 2512—Federal No. 505 Enlarger, complete with f:6.3 lens and lamp.

YOUR COST.

PH 2519—Extra enlarging lamp. $9.39

FEDERAL Model 120

An excellent low priced enlarger that will take all negatives from 35 mm. to 2½x3¼". It has a fine Fed f:6.3 lens and will provide up to seven linear magnifications on the baseboard. A square standard assures absolute hardwad box rigidity. The special built-type negative carrier is furnished with a complete set of masks for the various negative sizes and a specially designed focusing strip. A double diffusing system assures even illumination over the entire negative area. The lampcase is so designed that ample ventilation is maintained at all times so that the negatives will remain cool even under prolonged exposure. A switch for the lamp is provided on the holder. The baseboard is a specially designed easel with adjustable masking lense and a paper placement chart.

PH 2513—Model 120 complete with f:6.3 lens and 125 watt enlarging lamp.

YOUR COST.

$16.69

FOR FUN IN PHOTOGRAPHY—GET A GOOD ENLARGER
**Fine Prints Come from Well Equipped Dark Rooms**

**ALBERT Automatic Easel**
The enlarging easel that does everything. Automatic centering for various standard paper sizes eliminates the need for shifting the easel—set it once under the center of the enlarger and you can keep it there no matter what size of paper you use—5x7", 8x10" or 11x14". It has an automatic border measuring scale that gives you the right size borders for any size print you set it for. Automatic spring setting of the masking bands eliminates the need for set screws. Automatic frame support holds the frame locked in an upright position when changing paper yet releases instantly when lowered. Positive contact of masking bands at all points prevents fuzzy borders. Non-warping easel board surfaced with Mosaicite. Inlaid rubber strips under base prevent slipping. Metal frame work finished in chrome. Easel surface finished in non-reflecting metallic lacquer. **SHIPPED POSTPAID IN U.S.A. ONLY.**

PH9303—YOUR COST... $8.78

**Porcelain Trays**
One piece drawn steel trays with heavy coat of baked on white porcelain enamel. Rounded corners; pouring lip. Impermeable to chemical action.

Stock No.  Pb200
        Pb201
        Pb202
        Pb203

No.    Size     Wt.     EACH
Pb204  4x6"     1 lb.    27c
Pb205  5x7"     2 lbs.   36c
Pb206  8x10"    2 lbs.   36c

"GLASSTEEL" Trays
Deluxe trays, made of seamless drawn stainless steel heavily enamelled.

No.    Size     Wt.     EACH 3 FOR
Pb207  4x6"     1 lb.    27c
Pb208  5x7"     2 lbs.   36c
Pb209  8x10"    2 lbs.   56c

**KAIKO All-Metal Enlarging Frames**
Precision made. Have white focusing surface. Each provides a standard ¼" border all around. Rigid, light weight. Wt. 3 lbs.

No.    Size     EACH
Pb9706  4x6"     $1.09
Pb9710  5x7"     $1.09
Pb9711  8x10"    $1.09
Pb9712  11x14"   $1.79

**"SEE-SHARP"**
Handy focusing device that brightens and magnifies the image projected on the sensitized paper. New, improved model with crossed hair lines for greater accuracy. Easy to use. Comprises Monel metal stand, ground glass, mirror and magnifier. Extremely compact. **SHIPPED POSTPAID IN U.S.A. ONLY.**

PH9246—EACH... $1.89

**Foot Switch For Enlargers**
Eliminate any possibility of enlarger vibration by substituting this foot switch for the line cord switch normally supplied. It also leaves both hands free for work such as dodging, spot printing, etc. Frame is of cast steel with baked grey crackle finish. Switch will handle 3 amperes. Socket provided for enlarger plug. Excellent for controlling some of the lights used in indoor photography. In studios, etc. Furnished with 6-foot length of rubber covered approved cord and attachment plug. For amateur and professional use. Shpg. wt. 5 lbs.

PH9245—YOUR COST EACH... $2.95

**Lafayette Superior Easel**
An improved all-metal enlarging easel at a price that means savings for you. Features include: takes all standard sheets up to 11x14"; double masking bands, 2" wide, have metal supporting guides; masking bands lock into position and are provided with a lift stay that keep the bands upright and out of the way when not needed; marginal release device permits making of accurate borders up to 2"; margin release has calibrated scale; base has white focusing surface that is easy to keep clean; full 11" and 14" stiched side scales; base provided with non-skid strips. All chrome trim. Shpg. wt. 6 lbs.

PH9305—YOUR COST... $4.59

**ECONOMY MODEL: Similar to above, but without the marginal release device, masking band lift-stay and without chrome trim.**

Shpg. wt. 5 lbs.

PH9304—YOUR COST... $3.19

**Haynes MCM Photometer**
Determines the exact printing time and exact contrast of paper to match each negative. Exact exposures can be determined in less than 30 seconds. Uses the time tested "grease spot" method of light measurement. Calibrated scale reads directly in SECONDS. Includes bulb and attached cord and plug. Works on 110 volts a.c. or d.c. **SHIPPED POSTPAID IN U.S.A. ONLY.**

PH2702—EACH... $4.85

**Haynes Gray-Scaler**
A simple device for producing gray scales of laboratory quality for all your enlarging papers. Supplied with 15 page manual of instructions.

PH5087—POSTPAID. YOUR COST... $69

**Haynes MCM Photometer**
Determines the exact printing time and exact contrast of paper to match each negative. Exact exposures can be determined in less than 30 seconds. Uses the time tested "grease spot" method of light measurement. Calibrated scale reads directly in SECONDS. Includes bulb and attached cord and plug. Works on 110 volts a.c. or d.c. **SHIPPED POSTPAID IN U.S.A. ONLY.**

PH2702—EACH... $4.85

**Haynes Gray-Scaler**
A simple device for producing gray scales of laboratory quality for all your enlarging papers. Supplied with 15 page manual of instructions.

PH5087—POSTPAID. YOUR COST... $69

**Enlarger Cover**
Made of durable, heavy gauge, non-cracking, and non-inflammable "Pliofilm" that fully protects your enlarger from dust, acid, moisture and heat. The properties of "Pliofilm" also prevent tarnishing. It may be easily cleaned with a damp cloth. Overall size 23" wide by 30½" long. Has draw string on base.

PH9018—EACH... $1.35

**MAXIM Enlarging Exposure Meter**
DIRECT reading, efficient optical type meter that will last indefin-initely. No moving parts—no bulb—no current to consume. Just place on baseboard and read for proper exposure times. In molded case. With instructions. Shpg. wt. 1 lb.

PH2702—EACH... $2.49
KODAK Timer
Assures accurate timing of printing exposures. Convenient tilt base. Can be attached to wall or other surface. Durable spring wound motor. Range 1 to 60 minutes. Full sweep second hand, smaller minute hand. Glass bezel, all metal case. SHIPPED POSTPAID IN U.S.A. List $5.00.

PH2483—YOUR COST ... $4.49

HANKSCRAFT A.C.-D.C. Timer
All electric timer that's automatic in operation. Takes the guesswork out of printing. You dial the time on your desired exposure light just like you dial a phone number. The Hankcraft Timer permits you to instantly set the number of seconds exposure wanted (range up to 60 seconds). Light 8 lbs. YOUR COST on automatically as you set the dial. Hands are left free for dodging and other work. Attractively housed in a black balelite case with attached 6-foot cord and plug. Operates on 110 volts a.c. (6 amps) or d.c. (2amps) "on-off" switch on case. Fully guaranteed. White. YOUR COST.

PH2484—YOUR COST ... $7.98

F-R Interval Timer
Provides accurate check on enlargement or development time. Range from one minute to 35 minutes; bell rings when time is up. Dependable spring wound motor made by a famous clock maker. Large white numerals. Sturdy metal case with black lacquer finish. SHIPPED POSTPAID IN U.S.A. ONLY.

PH2480—YOUR COST ... $3.25

HANKSCRAFT A.C.-D.C. Timer
All electric timer that's automatic in operation. Takes the guesswork out of printing. You dial the time on your desired exposure light just like you dial a phone number. The Hankcraft Timer permits you to instantly set the number of seconds exposure wanted (range up to 60 seconds). Light 8 lbs. YOUR COST on automatically as you set the dial. Hands are left free for dodging and other work. Attractively housed in a black balelite case with attached 6-foot cord and plug. Operates on 110 volts a.c. (6 amps) or d.c. (2amps) "on-off" switch on case. Fully guaranteed. White. YOUR COST.

PH2484—YOUR COST ... $7.98

LUXOR Photo Timer
Double duty timer, Has large, full vision sweep second hand. Accurate check on exposure time. Smaller hour and minute hands in center of face. Has 30-hour spring wound motor. Large numerals on 4½" dial. Case finished in baked on enamel with nickel trim. Shpg. wt. 5 lbs.

PH2481—YOUR COST ... $2.79

Focus Chart
(Note shown) A handy, useful device that insures highly accurate focusing. Placed in the negative carrier of the enlarger prior to the negative to be printed. Consists of a ruled negative strip.

PH8486—EACH ... $11.00

Brownie Safelight Lamp
Screws into any electric outlet. Two safelight glasses, a circular one at the end and a rectangular one at the side, are interchangeable. Series 2 glass plates furnished (unless otherwise specified). Shpg. wt. 3 lbs. Uses 10-Watt Bulb (not included).

PH8700—YOUR COST ... $1.49

SEAFELT G-LASSES: Extra pairs, 1 round and 1 rectangular, for above lamps.
No. Series For Use With
PH8742 1 Rapid Ortho Film
PH8744 OA Bromide Paper Slides, Process Film
PH8744 OO Contact Papers (Valor, Azo)
PH8745 3 Pan films and plates (Pan. SS, etc.)

YOUR COST, ANY TYPE PER PAIR ... 50¢

EASTMAN Safelight Lamp
To be hung directly over work table. Has 3½" interchangeable safelight glass. Series 2 (for fast ortho film) glass furnished as standard equipment. All metal body. Shpg. wt. 3 lbs.

PH8701—Less 10-Watt Bulb YOUR COST ...

PH8702—Safelight G-LasseS... 50¢ Use for each type described above under Brownie lamp.

PH8748—Series OA PH8748—Series 2
PH8749—Series OO PH8749—Series 3

EACH

YOUR COST ...

Dark Room Bulbs
Stained glass. All rated at 8 candlepower (about 10 watts). Dark amber for contact and enlarging papers. Dark ruby for ortho film. Frosted green for panchromatic film. A.C.-D.C.

PH8180—D-Color ... 39¢
PH8181—Dark Ruby ... 49¢
PH8182—Frosted Green ... 49¢

LAFAYETTE Blotter Book
Consists of 18 pages of the finest white blotting paper with margins. Takes prints up to 9x12". Plastic binder. Wt. 2 lbs. Regular 65¢ value. PH8891—EACH ... 48¢

BRADLEY Trimming Boards
High quality trimmers with tempered steel blades with spring tension "blade raising" device; re-inforced tables marked into squares with white lines on green background; ruler divided into 1/16" calibrations.

PH8400—6½" blade. Shpg. wt. 5 lbs.

YOUR COST ...

PH8401—6½" blade. Wt. 6 lbs. YOUR COST ...

PH8402—blades. Shpg. wt. 7 lbs. YOUR COST ...

PH8403—12½" blade. Shpg. wt. 8 lbs.

YOUR COST ...

PH8404—15½" De Luxe, brown mahogany table. Shpg. wt. 12 lbs.

YOUR COST ...

French Condensing Lenses and Mounts
Ground and polished lenses guaranteed free from imperfections. Optically perfect. For enlargers, slide projectors, etc. 3" lens covers up to half 11x14 size; 5" up to 9x12 cm. Shpg. wt. 1 lb. Sturdy lens mounts recommended for best results.

No. LENS MOUNT

YOUR COST EACH

For best results.

No. EACH Diam. Focus L'gth. No. EACH

YOUR COST

PH9641 30.75 3" PH9670 $1.39

PH9642 1.09 4½" PH9671 1.89

PH9643 2.89 6" PH9672 2.19
GET THE FULL BEAUTY OUT OF YOUR SLIDES

KODASLIDE Projector Model 2
A deluxe instrument that throws brilliantly clear images from No. 280 Bantam film. Shadily mode of molded material, its base measures 2½x5½"; height 4½. Optical system consists of a spherical glass reflector, a 100-watt T6 bulb and three condensing lenses. A special heat-absorbing glass prevents overheating. The fine 4" projection lens gives excellent definition with flat field. Has smooth acting slide carrier; tilt-adjustment. For 110 volts a.c. or d.c. SHIPPED POSTPAID IN U.S.A. ONLY.

ARGUS Model DP "Vitalite"
New model utilizes an advanced optical system that gives new brilliance with perfect flat field. Projects 35 mm. or Bantam film mounted in 2x2" glass slides. Has 5-inch focal length 1:3.6 lens and is furnished with a 100-watt projection bulb. All metal construction, die-cast base, streamlined design. Finished in grey with red trim. With 9-4t. cord and plug with snap switch.

KAIKO All-Metal Slide File
A new all-metal slide file in which you can keep 150 2x2" slides ready for projection. Each slide is numerically indexed in an individual slot, and the subject of the slide is noted on the space provided inside the lid. Slides are fully protected against rattling and breaking; easily inserted or removed without damage to the binding tape. Case is made of steel, finished in maroon ripple lacquer. Provided with metal carrying handle and two clasp fasteners. Shpg. wt. 4 lbs.

CHROMASCOPE Slide Viewer
An attractively styled METAL VIEWER for Kodachrome stills. Supplied complete with a magnifying or enlarging glass, lamp, automatic switch and Easel of rubberized card with boxelike plug. It measures 6" wide, 5" high. The unit is lightweight and easy to use. Just place the slide on the viewing mount, turn the switch and examine through the enlarging glass. All details of Kodachrome or black and white slides are strikingly brought out. SHIPPED POSTPAID IN U.S.A. ONLY.

MARSHALL'S Slide Binder
Accurately machined heavy metal slide binder with sponge rubber base to prevent slipping. Glass remains in exact position as slide is turned. Tape holder is adjustable from side to side laterally. By turning adjustment, tape automatically centers itself. Shpg wt. 2 lbs.

DUFAYCOLOR Metal Slide Mounts
Package of 12 easy-to-use slide mounts for 35 mm. transparencies in convenient aluminum frames for projection or viewing. Container acts as an efficient file, with slot for each mounted slide and provisions on cover for recording titles. POSTPAID IN U.S.A. List Price $1.35.

SCOTCH TAPE
Waterproof, pliable masking type that will not wrinkle or curl. Red Scotch Tape, 360 ft. x 1"....50c

ARGUSLIDE Model CP
The Arguslide Projector makes use of a fine optical system to insure brilliant projections with flat field illumination. Ideal for showing 35 mm. slides in black and white or in full color. Equipped with a color corrected 4" focal length lens of the S.V.E. type. Comes complete with a special powerful 100-watt projection bulb, slide carrier, cord and plug. Operates on 110-120 volts, A.C. or D.C. All metal body finished in black crackle and has tilt adjustment. SHIPPED POSTPAID IN U.S.A. ONLY.
**VARISCOPE All-Purpose Telescopes**

For maximum magnification at a minimum price there is nothing like a good telescope. And these new Variscopes are among the finest values on the market. They have the unusual ability to change from one power to another instantly merely by turning the calibrated "power ring" or out. Various powers as indicated below are marked on the tube for quick setting. They are beautifully made with glasses of precise achromatic objective lenses and heavy chrome plated brass tubes. The four sections slide one within the other to make a very compact unit that is easily carried about in its leather carrying case. As listed below they are available in three different power ranges. The largest and most powerful having a range of 10 to 40 powers! This is an excellent glass for the yachtsman and hunter. And these new Variscopes are among the finest values on the market.

**CAFE COD WEATHER GLASS**

A true reproduction of the old original glass barometer as used by the famous Cape Cod fishermen and whalers for many years. It operates on the same principle as the older barometers, Hand made of glass with a specially designed wall bracket. It requires seventeen hand operations to make the glass alone. Accurately indicates all variations of barometric pressure - an accurate means of determining changes in the weather in advance. Complete instructions regarding its use, so that you can become your own "weather man", are furnished.

This is an ideal gift for young and old alike. It teaches the young to observe the mysteries of the weather and gives pleasure to the older person from a decorative standpoint as well. A boat owner will surely appreciate it. Shpg. wt. 3 lbs. Complete with bracket.

**Pedometer**

Measures the miles you walk each day. Just attach it to your belt or pocket and it will measure any distance up to 100 miles. Accurate can be adjusted for any step between 15 and 41 inches. Same size as a man's pocket watch. Polished nickel plated case. White dial with legible black figures and division markings. Clear glass crystal. An excellent gift for the boy scout, schoolmen and others interested in checking up on the distance they walk each day to improve their health.

**SWISS Model "Pl" Compass**

A precision built, rodium dial compass. Highly accurate. Ideal for map reading and for setting and following magnetic course. Heavy metal case. Sightig window with reflecting mirror enables you to locate position and maintain bearings. Jewelled floating dial. Shpg. wt. 1 lb. 1 oz.

**Hunters Camera Catalog 44-page camera catalog**

If you have never received a copy of our master 44-page camera catalog, or If your present copy is mutilated, just fill the coupon below, paste on a penny post card and drop it in the mail. You'll want this guide to better values in cameras, film, enlargers, and other equipment.

**SPORT GLASSES!**

Just the thing for watching the theatre stage, football games, hockey, races, track meets, swimming meets, fights, wrestling matches, plays and any indoor or outdoor event. They bring the action right up close. You wear them just like glasses - adjust them once for any distance - then sit back and enjoy yourself. Each pair guaranteed by the American manufacturer, Shpg. wt. 2 lbs.

**TOURIST" Field Glasses**

A popular medium size field glass at a price well within the reach of everyone. An excellent glass for the sports fan for following indoor and outdoor sporting events. Equipped and adjusted with one hand. It is a well made glass sturdily built and will give years of satisfactory service. Fine, clear, polished lenses provide a brilliant image. A carrying case, as illustrated, is furnished with each glass. Shpg. wt. 2 lbs. Made in France.

**DE LUXE CHEVY CHASE**

A deluxe ophthalmic field glass for use at the theater, at indoor sporting events, at the ball park or for nature study. Pocket size. 11 Ligne. Its brilliant luminosity makes it adaptable for a wide range of purposes. Precisely constructed and beautifully finished with genuine Morocco leather. Newly designed eye cups. Light in weight and easily held and focused with one hand. Designed for long satisfactory service. A strong, genuine leather sports type carrying case is furnished with each glass. Equipped with a leather neck strap. Made in France.

**"PATHFINDER" Field Glasses**

A powerful three power binocular that is excellent for nature study, horse racing, indoor sports and for night use. It has great light power and remarkably clear definition. Fully achromatic. Precision construction throughout. Newly designed eyecups. Smooth accurate focusing. Beautifully finished and covered with genuine Morocco leather. Sturdy design assures utmost satisfactory life. With a black leather sports case.

**"HUNTER" 8x26 PRISM Binoculars**

Prismatic construction keeps this powerful binocular compact despite its eight power magnification. It is particular in its build. Designed by the naturalist and racing fan who needs brilliant luminosity, wide angle coverage and sharp definition. It is quick focusing, compact and very durable. Beautifully finished with genuine Morocco grain leather. Individual eye piece adjustment to fit the glass to each eye accurately and a body adjustment to fit the glass to the distance between the eyes.

**HAVE YOU A COPY OF OUR MASTER 44-PAGE CAMERA CATALOG?**

If you have never received a copy of our master 44-page camera catalog, or If your present copy is mutilated, just fill the coupon below, paste on a penny post card and drop it in the mail. You'll want this guide to better values in cameras, film, enlargers, and other equipment.
shutters. Requires no special mounting; attaches to the camera as easily as a tripod or cable release. The entire outfit consists of: battery box with battery, flash head, chrome reflector and: of: battery box with battery, flash head, chrome reflector and:

- Battery box
- Flash head
- Chrome reflector

Switch has two positions; in first position applied to the condenser lamps; in second position, volatage brilliance of illumination can be used until ready to take.

Current carrying capacity 20 amperes at 120 volts a.c. Size: 4x4x2". Shpg. wt. 4 lbs.

**Lafayette Series-Parallel Hi-Low Switch**

An extra heavy duty multiple switch designed for photographic lighting control. Consists of a heavy duty double-pole double-throw switch mounted in a metal case having four receptacles. Furnished with a 4-foot liverubber covered No. 14 gauge parallel cord. Can be used with four No. 1 Polaroids connected at once, or two No. 2 Polaroids. Four No. 2 photofloods can be used for short periods (up to 5 minutes) without overheating. Switch has two positions: in first position, full voltage is applied to the condenser lamps; in second position, volatage brilliance of illumination can be used until ready to take.

Current carrying capacity 20 amperes at 120 volts a.c. Size: 4x4x2". Shpg. wt. 4 lbs.

**$3.89**

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**MINI-FLASH**

The ideal universal flash gun for amateur and professional photographers. It is novel in design, simple to mount, simple to synchronize and easy to operate. The 6-inch fan type reflector is collapsible, yet sturdy in construction, and will not throw a "spit". The action is positive with a specially designed metal swivel to drive to the camera shutter and can be operated from a cable release or from a button on the case. Other features: Shutter adjustable to take all standard size bulbs; gun type trigger for cocking the flash; ultra compact construction. Two pen 抠 petitie batteries are included. These will last about 6 months or flash 450 bulbs, and can be easily replaced for only $e each (see page 27 for penlite battery listing). Each Mini-Flash comes with accessory clip for side mounting, clip for tripod mounting, SHIPPED POSTPAID IN U.S.A. ONLY.

PM031 - Complete Mini-FLASH, SERVICE TYPE OF CAMERA GUN IS TO BE USED WHEN ORDERING.

TYPICAL GUN: For Contax.

YOUR COST EACH... $11.89

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**Photoflash Bulb Holder**

Handy flash bulb holders. Two types available. No. 1 has 5" diameter reflector; No. 2 has a 7" reflector. Both have spring clamp that permits moving of reflector to take at any size bulb. Lamps are held by two dry cells contained in the handle. A safety catch prevents accidental firing of the lamp. Supplied with batteries. Excel lent for use by amateur and professional alike. Batteries are easy to remove and can be replaced in a few moments. Shpg. wt. 5 lbs.

PM0801 - No. 1. With batteries, less flash bulb.

YOUR COST EACH... 95¢

PM0802 - No. 2. With batteries, less flash bulb.

YOUR COST EACH... $1.29

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**DRAUCKER Photofood Calculator**

For movies or stills. A guide to properly balanced lighting. Gives proper exposure data to insure good pictures. No amateur or professional should be without one. Price includes booklet "Guide to Better Photofood." These calculators are expensive, but they are built with one purpose and that is to help professional photographers.
Lafayette Reflectors

(A) A sturdy, heavy duty stand for use with reflectors or spotlight. Available in three and four section models. Three section model extends from 25” to 72”—four section model from 25” to 96”. A cross arm (illustrated on stand above) is available to adapt the stand for use with two or more clamp type reflectors.


NEW AND SENSATIONALLY DIFFERENT!

The "Hi-Lite" Spotlight

An entirely new conception of photographic lighting. New in every sense of the word, from a specially designed 3200° Kelvin color temperature lamp (recommended temperature for Kodachrome) in a streamlined die-cast aluminum-silicon housing. Now in its output to use a lamp with a light output of over 4,750 lumens, yielding an efficiency equal to many ordinary 400-500 watt spotlights with a drain of 200 watts at 120 V.

Amateur and Professional alike will appreciate its extreme compactness, its micro-focusing control which regulates the light beam from a sharply defined spot to a diffused flood with an infinite variety of adjustment in between. And, with its specially designed heat resisting Pyrex Fresnel lens and chrome-plated non-focusing spun-aluminum heat concentrator, it has no color fringes and is ideal for portraiture and studio work, particularly in color. Despite its power and high efficiency it is surprisingly compact, measuring only 5-3/16x4x3-1/2". Not a die-cast universal yoke and convenient "stay-cool" handle permits direct manipulation of the beam in any direction. Fits standard 3" stands. All controls remain cool to the touch. The specially designed lamp will not blacken nor vary in light output.

PH8002 - Lafayette "Hi-Lite" Spotlight complete with lamp listed below. Shpg. wt. 8 lbs.

YOUR COST

$15.89

PH8002 - Lafayette 12" Reflector for No. 2 Photoflood

Shpg. wt. 3 lbs. YOUR COST

$1.39

(C) Lafayette 10" Reflector is similar in design and construction to the 12" model but has been especially designed for use with the smaller and more popular No. 1 Photoflood. Its perfect design gets the utmost in efficiency from this lamp by concentrating a very high percentage of the total light output.

PH8001 - Shpg. wt. 3 lbs. YOUR COST

$0.89

PH8001 - Lafayette 5" Reflector is an especially designed model for keeping the light within a more concentrated area. Since no lens is used the edges of the light spot are not sharp but blend readily with the surrounding area. It is an especially useful light in portraiture. Shpg. wt. 5 lbs.

PH8003 - Lafayette 5" Reflector for No. 1 Photoflood EACH.

$1.09

EACH

PH8003 - Lafayette Baby "Brite-Spot" is a new non-focusing, lens type spot-light that concentrates all the light into a fairly narrow beam of intense light. Uses No. 212 150 watt opal enlarging bulb listed below. Shpg. wt. 5 lbs.

PH8036 - Lafayette Baby Brite-Spot. YOUR COST

$1.39

PH8031 - No. 212 - 150 Watt Opal Bulb for above.

35c

PH8031 - No. 212 - 150 Watt Opal Bulb for above.

35c

Lafayette Twin Adjustolites

A new and vastly improved model of this popular twin reflector. A new series coupled arm with mid-sized round reflector type universal joints permits an astonishingly wide range of adjustment. The specially designed, three section tripod is very sturdy and readily locked into position. Each reflector accommodates either the No. 1 or No. 2 Photofloods, and are mounted on ball joints for easy operation. Each reflector is fitted with a push-switch type socket and 8-ft. cord. Built in 14 lbs.

PH8545 - Twin Adjustolites, less bulbs.

List Price $7.50

YOUR COST

$5.95

RAPIDRY Electric Print Dryers

Standard Model

Illustrated at the left is the standard model Rapidry of a new low price! Yet with exactly the same features and constructional quality as when sold for $6.00. Without the ferrotype plate it is suitable for smooth, semi-matte finished paper surfaces. For glossy paper the prints are first placed on the chromium plate and placed on the drying surface. An automatic thermostat keeps the heat at a constant temperature so that overheating or scorching of the prints is impossible. This feature is not present in any other unit of the price.

PH8695 - Shpg. wt. 7 lbs. YOUR COST

$3.89

Special Deluxe Model

Not illustrated. This new model has a flat drying surface that produces absolutely flat prints with no roll or curvature. A built-in 14x20" chromium plated ferrotype and will take several additional plates making a total area up to 42 by 50 inches. Spring tension keeps the specialty woven canvas tourniquet irrespective of the number of plates in use. Sturdy die-cast construction. Automatic thermostat keeps the temperature uniform and assures the fastest drying time with no danger of scorched or cracked prints. Shpg. wt. 10 lbs.

PH8714 - YOUR COST

$8.89

Black Enamel Ferrotype Plates

These highly polished, baked-enamel ferrotype plates will produce lustrous, glossy prints.

No. Size Shpg. wt. EACH

PH8501 10x14" 1 lb. 15c

PH8502 10x14" 2 lbs. Ex. Hvy. 24c

PH8503 10x14" 3 lbs. Ex. Hvy. 39c

CHROMIUM PLATE

PH8514 10x14" 5 lbs. $3.29

PH8515 14x20" 5 lbs. $6.79

Lafayette Ferrotype Polish


PH8678 - 8 oz. size.

YOUR COST

39c

PH8682 - 4 oz. bottle

YOUR COST

24c

Metal Frame Print Rollers

Finest grade live rubber rolls with reinforced cores. Wt. 1 lb. EACH

PH8670 4" roller 27c

PH8671 6" roller 34c

PH8672 8" roller 46c

53
ULTRA MATTE Mounts and ULTIMO Folders

As stated by a world-famous photographer, "No print is fit to be seen in good company until it has been carefully and mounted." Ultra and Ultimo Mounts and Folders provide a quick and easy method for mounting your prints attractively. The actual work involved in pasting the print into position with Lafayette Fotostick takes but a moment and the results will surprise and please you. Both Ultra Mounts and Ultimo Folders are made of antique paper with leather decked edge. Ultimo Folders have a front flap to cover - Ultra Mounts do not have a cover.

<table>
<thead>
<tr>
<th>Vertical Mounts</th>
<th>Horizontal Mounts</th>
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<tbody>
<tr>
<td>3/4&quot;x3/4&quot;</td>
<td>2&quot;x2&quot;</td>
</tr>
<tr>
<td>1&quot;x1&quot;</td>
<td>2&quot;x3&quot;</td>
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<tr>
<td>11/2&quot;x11/2&quot;</td>
<td>2&quot;x5&quot;</td>
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<tr>
<td>11x14&quot;</td>
<td>16x20&quot;</td>
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</tbody>
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Please note that both Ultra Mounts and Ultimo Folders are made of protect valuable photographs, drawings, and similar articles that have been America's favorites for many years. Beautifully made and very attractive. An excellent method for keeping your valuable photos in proper sequence and in the proper setting. Genuine leather with 50 pages. Additional pages can be added at any time. Rich silk tasseled cord binding. "Photographs" on cover in gold. Re-enters 12 X 17.Daz.

PH9425-7"x11" .95 PH9426 1.95 PH9400 4.69 PH9402 2.95
PH9401 3.95 PH9402 11x14" 2.85 PH9403 4.95

No Ace Mounting Corners: Black only.

PH9404-YOUR COST... .8c for 4 for ...29c

CLASSIC and MODERNE Easel Mounts

These very attractive easel mounts are made of heavy stock that will stand a great deal of service. They are fitted with a clear sheet of Kodakoid for protecting the surface of the print. The buck and easel are of unique design that permits inserting or removing the print at will yet keeps the print absolutely flat. Classic and Moderne are alike except for the design on the front.

<table>
<thead>
<tr>
<th>Print Type</th>
<th>CLASSIC</th>
<th>MODERNE</th>
<th>YOUR PER</th>
</tr>
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<tbody>
<tr>
<td>Size</td>
<td>Stock No.</td>
<td>Stock No.</td>
<td>COST EA.</td>
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<tr>
<td>Vertical</td>
<td>PH5200</td>
<td>PH5201</td>
<td>49c</td>
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<tr>
<td>Horizontal</td>
<td>PH5202</td>
<td>PH5205</td>
<td>49c</td>
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</tbody>
</table>

FOTO-STIK
A Better Photographic Adhesive Cement

The newest and finest liquid mounting adhesive ever developed for photographic use. Superior to ordinary rubber cement in every way. Applied like thin mucilage it flows freely; yet, when dry, surplus can be erased by rubbing with the finger tips.
P9415-4-ounce bottle, YOUR COST...... 29c
P9416-1-pint can. Shpg. wt. 2 lbs., YOUR COST... 89c
P9417-2-quart can. Shpg. wt. 3 lbs., YOUR COST...... $1.49

PHOTO MAILER—Print Mailing Envelopes

Protect valuable photographs, drawings and similar articles that should be shipped first in a mailer in the PhotoMailer. With this unique mailer you make a neat, firm, sturdy, light-weight parcel that requires a minimum of postage. Unusual protection is offered by the staunchness of the H & D corrugated board. It requires no paper, no twine, no paste. Just seal, stamp and send.

PHS147-7/4x5/4" EACH... 7c Per Dosen... .77c
PHS148-8/4x21/4", EACH... 12c Per Dosen... .11c
PHS149-11/4x14", EACH... 15c Per Dosen... 1.64c

PHOTOFOLIO Albums

P9406-"Tourist" model, "Kivar" cover. Holds 192 prints. YOUR COST EACH...... 1.69
P9407-"Projector" Model, 192 prints. With 25 tabs. YOUR COST...... 95c
P9408-Page, of 25 tabs... 8c for 4 for 29c

Leather Photograph Albums

The original "loose leaf" style photograph albums that have been America's favorites for many years. Beautifully made and very attractive. An excellent method for keeping your valuable photos in proper sequence and in the proper setting. Genuine leather with 50 pages. Additional pages can be added at any time. Rich silk tasseled cord binding. "Photographs" on cover in gold. Re-enters 12 X 17.Daz.

PH9425-7"x11" .95 PH9426 1.95 PH9400 4.69 PH9402 2.95
PH9401 3.95 PH9402 11x14" 2.85 PH9403 4.95

No Ace Mounting Corners: Black only.

PH9404-YOUR COST... .8c for 4 for ...29c

Spiral Bound Albums

New type photo albums that open FLAT because of the unique spiral binding. Consist of 50 blank pages of heavy paper between durable Fabricoid covers. The binding is entirely covered; books are neat and attractive. Provide an excellent means for keeping your favorite prints in proper sequence and in a truly artistic setting. Offered at a real 'money saving' price. They are available in both vertical and horizontal styles. Vertical style makes an attractive library volume. P9438 Horizontal type. 7" high by 11" wide. Shpg. wt. 2 lbs.
P9439 Upright type. 10" high by 8" wide. Shpg. wt. 2 lbs.
P9443-3 pages...

YOUR COST EACH, Either type $1.09

FOTOFOIL Albums

P9406-"Tourist" model, "Kivar" cover. Holds 192 prints. YOUR COST EACH...... 1.69
P9407-"Projector" Model, 192 prints. With 25 tabs. YOUR COST...... 95c
P9408-Page, of 25 tabs... 8c for 4 for 29c

FOTOFOIL Albums

P9406-"Tourist" model, "Kivar" cover. Holds 192 prints. YOUR COST EACH...... 1.69
P9407-"Projector" Model, 192 prints. With 25 tabs. YOUR COST...... 95c
P9408-Page, of 25 tabs... 8c for 4 for 29c
FILM TANKS

F-R Adjustable Roll-Film Tank
Accommodates roll film of all sizes from 35 mm. (full 36 exposures) up to and including No. 116. Constructed of genuine Bakelite-metal parts. Impervious to all chemicals used in processing; will not stain or corrode. Economical with solutions. Tank is moisture proof and water-proof. The top cover is completely light-tight. Comes complete with agitator rod and full instructions. SHIPPED POSTPAID IN U.S.A. $1.67

Double flange which permits two rolls of 35 mm. film to be used simultaneously. For above tank. POSTPAID 45¢

F-R Roll-Film Developing Kit
A practical time and money-saving outfit built around the popular Roll Film Developing Tank listed above. The complete outfit comprises the following: one model C roll-film developing tank listed above. The complete outfit comes complete with all film-contact solutions and instructions. $2.66

roll-film tank (described above); one 8-ounce bottle of No. 116 developer, enough to make 16 ounces of solution; one 8-ounce bottle of concentrated Fixol acid-fixing hardening solution, enough to make up 16 ounces; two stainless steel film clips; complete instructions. All units are contained in a compact cardboard box that can be used for storage. Amateurs and professionals alike will find this outfit handy and economical. SHIPPED POSTPAID IN U.S.A. ONLY. $3.19

Lafayette Adjustable Roll-Film Developing Tank
The low price quoted makes this new tank a real buy in any season—especially attractive for that Christmas gift you'll be needing. Reel is fully adjustable for all roll film from 35 mm. (full 36 exposure) to No. 116. Tank and reel constructed of durable Bakelite that is unaffected by photo chemicals, stain-proof and non-warping. Operations, except actual film loading, may be carried out in daylight. Bakelite agitator supplied. Shpg. wt. 2 lbs. PHY267--YOUR COST $1.49

Elkay Roto-Reel Only for above tank. Takes cut film and film pack (described below). PHY265--YOUR COST $1.89

For Cut Film and Film Pack From 35 mm. to 2½ x 3¼".

Loads 12 Negatives

Tempered Bakelite

ELKAY Adjustable Tank
The Elkay adjustable rapid-loading tank develops, washes and dries in daylight. Solution contacts all films evenly, bubbles will not form on the negatives. Drains through plug at base without filling or turning tank. Loads a dozen negatives at a time. Molded negative holders won't erode or stain. Holders fit 6×9 cm. 2½x3¼" 3½x4¼", 9x12 cm. and 4x5". Footproof fixture prevents any errors in loading negatives. Tank cover is absolutely light-tight, tank body of Vulcanite. POSTPAID IN U.S.A. $5.95

Extra molded adjustable film holder for above or similar tanks. Shpg. wt. 1 lb. PHY262--YOUR COST $3.19

ELKAY Roto-Reel Tank
A new developing tank for cut film or pack film. Made entirely of tempered bakelite—impervious to chemicals and non-staining. Takes all sizes from 35 mm. to 2½x3¼". Uses less solution and produces beautiful negatives. The new Roto-Reel is made with 12 fan-like grooves which spiral out from the center of the tank. Top cover is light-tight, Complete with agitator. SHIPPED POSTPAID IN U.S.A. ONLY. $3.29

Extra Roto-Reel assembly only. Can also be used in the Lafayette tank listed above. SHIPPED POSTPAID $1.89

PHY264--YOUR COST

ALBERT Electric Agitator
For the first time, an electric agitator at a price within the reach of every amateur. Automatic in operation, the Albert Agitator provides true "scientific" agitation—an automatic continuous gentle intermittent action that eliminates the danger of under- or over-agitation often resulting from unscientific hand operation. Prevents directional development which causes streaks and silhouette effects, coarse grain, etc. Consists of an efficient motor that operates on any 110-volt a.c. or d.c. line that drives the tank holder. Mechanism is sturdy and foolproof and completely enclosed. Impervious to chemical action. With cord and plug. SHIPPED POSTPAID IN U.S.A. $3.56

PHY266--YOUR COST, less tank

Thermometers
PH8697--Tank type, at left for tank or tray use. Curved graduate 50 to 120 degrees F. 39¢
YOUR COST
PH8698--Lafayette Stirring rod with flattened end for crushing and stirring chemicals. 20° to 220° F. 59¢
YOUR COST
PH8689--F-R type tank thermometer for any developing tank. 50 to 90 degrees F. 1.00
YOUR COST

FAG Developing Tank
For 35 MM. 828 and 127 Films
Think of it—a genuine daylight film developing tank for the ridiculously low price of $98! It is made of Tenite, a cellu-lose-acetate product noted for its sturdy qualities. This material is tough and resilient—good insurance against cracking and chipping. Not affected by photosensitive developing solutions or by heat up to 140° F. It has an adjustable reel and will take 828 and 127 roll films. It requires only 7½ oz. of solution. Complete with agitator. 98¢

DUPONT Sponges
Unbeatable for drying negatives. Simply soaked. No. 4 size. $1.24
PH8473--Pair sponges on a wire handle. YOUR COST $1.00

EACH...

PH8847--No. 6 size. $1.84

PH8845--Pair sponges on a wire handle. YOUR COST $1.00

PH8475--Pair sponges on a wire handle. YOUR COST $1.00

$35

$31

$3¢
"ECONOMY" Dark Room Outfit
A very reasonably priced outfit for both developing and printing that is especially designed for those desiring to start with just the necessary essentials. Each item has been carefully selected and is of excellent quality. The outfit is complete enough to enable you to do good work right at the start without resorting to any makeshift methods. It provides an excellent foundation for the beginner to which other items may be added as his skill increases in order to do more advanced work. It is an excellent gift for the youngster or grownup just beginning to get interested in photography.

LAFAYETTE Deluxe Darkroom Outfit
Illustrated above is our very best darkroom outfit. Note how complete it is and the fine quality of the various components.

- 1 - Glass Stirring Rod
- 4x6" Ace Trays
- 1 - Large Ruby Bulb
- 1 - Print Tray (1-red, 1-black)
- 2 - 10x14" Ferrertype Plates
- Deluxe Print Roller
- 1 - Special Thermometer
- 1 - 3 oz Bottle Ferro. Polish
- 2 - l/2 lb. Box Acid Fixer
- 1 - Glass Stirring Rod
- 1 - Exposure Guide Book
- 1 - Book "Amateur Photography"

"JUNIOR" Dark Room Outfit
Priced only a little higher than our Economy outfit, the Junior Printing and Developing Outfit provides much wider range of working facilities than does the former. It includes larger tray and a larger printing frame as well as film clips and a larger quantity of chemical chemicals. The contact printing paper is larger, too, enabling you to print larger size negatives or to cut it up into a larger number of smaller size prints. Another feature is the inclusion of two books—one general information and one on exposure.

FOto-ART and TROJAN "Make-Your-Own Greeting Card" Outfit
A complete outfit for making your own Christmas Greeting Cards. It is extremely easy to use. The hard part—the boxing—has already been done for you. You just take any suitable negative—a winter scene, a picture of your baby, your house or your last year's Christmas tree—and put it together with one of these specially prepared card negatives in a print frame and you are all set to go. There are two outfits, one with four masks and another—one each with a different greeting; and an embossing frame and roller. Space is provided for signing on negative. Shp. wt. 2 1/2 lbs. COMPLETE...$2.60

PH2610 - FOTO-ART Greeting Card Set with four masks...$1.66

PH2611 - TROI without resorting to any

Christmas Greeting Folders
Folders offer the simplest method of making your own personalized Christmas Greeting Cards. You do not have to be able to do your own printing or developing with this method. Just insert your photos in these folders, they are made of fine antique finished paper and three to give it thickness. The opening for the print on the front page is 3-1/2x5-1/16". The delicate "holly" design on the cover is most attractive, yet so subdued as to be in good taste. Prices include matching envelopes.

PH5176 - Vertical Opening...93c
PH5177 - Horizontal Opening...93c

AGFA "CYKON" Photographic Xmas Cards

- Contour 2 Doz. NET 25c
- 50c

White 11c. 50c

White Med. Hard PH5940 99c

White Med. Hard PH5945 99c

ENVELOPES TO MATCH ABOVE CARDS

White

White Med. Hard

White Med. Hard

PH2601 - YOUR COST...

PH2602 - YOUR COST...

Paper and Cellulose SCOTCH TAPE
Black Paper Tape. Ideal for masking or framing prints. PH9231 - 1/2x360". Transperant Cellulose Scotch Tape. Especially fine for lante. PH9232 - 1/2x180". A very popular tape and especially useful around the darkroom.

"JUNIOR" Dark Room Outfit
Priced only a little higher than our Economy outfit, the Junior Printing and Developing Outfit provides much wider range of working facilities than does the former. It includes larger tray and a larger printing frame as well as film clips and a larger quantity of chemical chemicals. The contact printing paper is larger, too, enabling you to print larger size negatives or to cut it up into a larger number of smaller size prints. Another feature is the inclusion of two books—one general information and one on exposure.

PH2603 - YOUR COST...