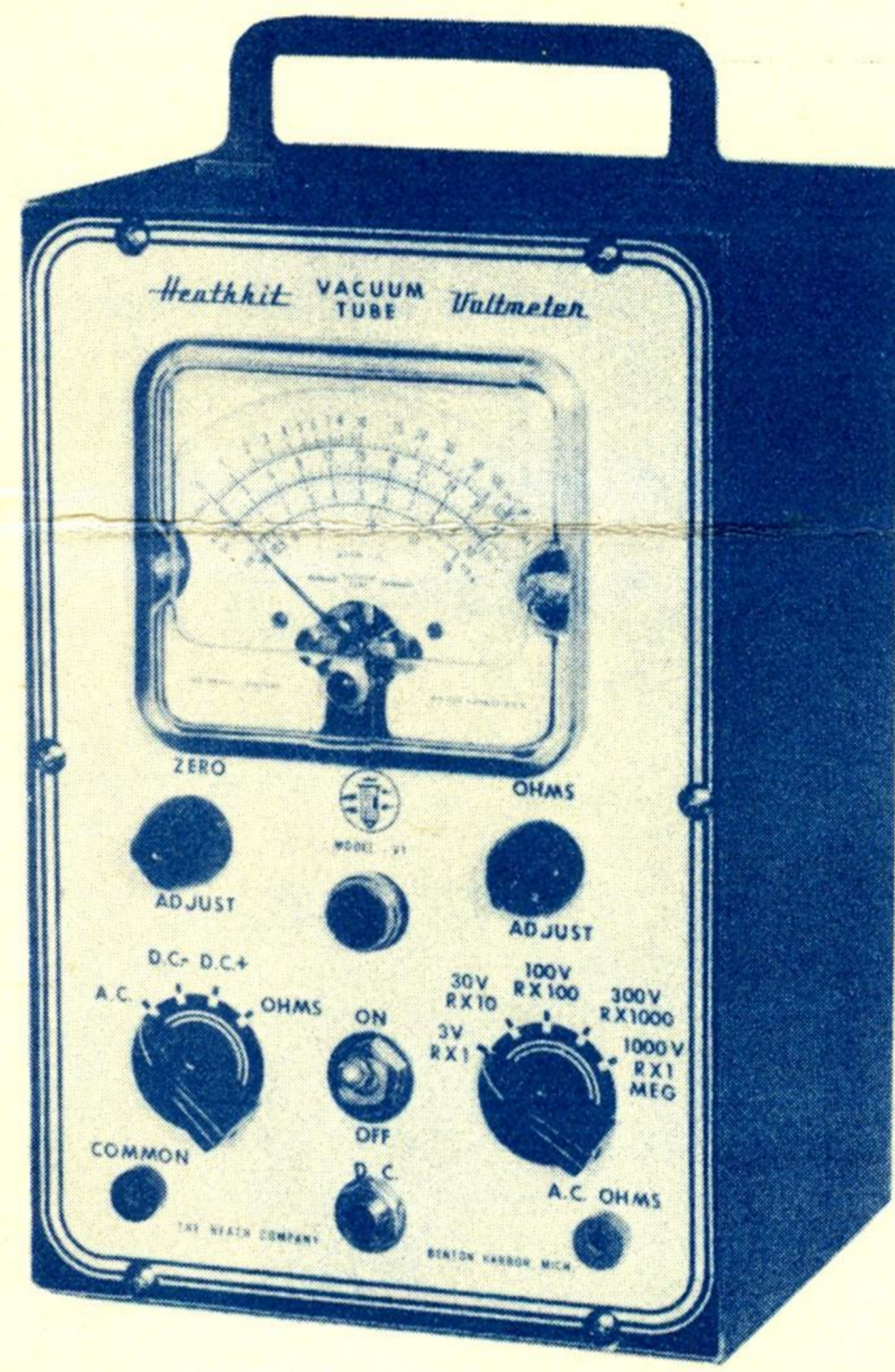




# HEATH NOVEMBER FLYER ELECTRONIC SPECIALS...

With this issue our flyer takes on a different appearance. Our family of customers has outgrown a mimeographed sheet. We are very glad to change, as it allows the use of pictures in the flyer, and it is especially appropriate because we are to show you the latest Heath Kit -- the promised vacuum tube voltmeter, acclaimed by all who have seen it the most beautiful radio test instrument on the market.



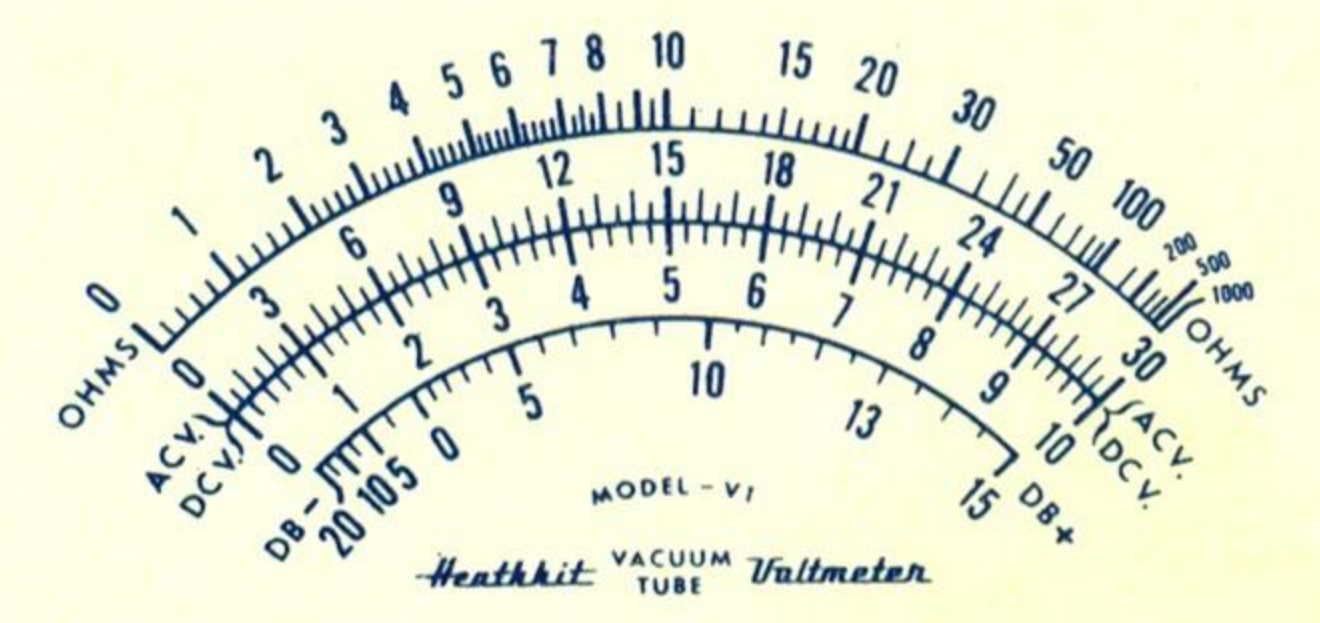
## The HEATHKIT VACUUM TUBE VOLTMETER in KIT FORM

More and more of you are realizing that assembling your own test and laboratory equipment not only saves two-thirds the cost, but gives you valuable knowledge of the construction and use of test instruments. This VTVM is in our opinion the most pleasant kit to assemble ever offered. It has been on test for months, and even our engineers are amazed at the extreme accuracy of this inexpensive test instrument.

The full scale ranges are 0-3, 30, 100, 300, 1,000 volts A.C. or D.C. on a linear scale. Both A.C. and D.C. are electronic. The ohms ranges, with 10 ohms center scale, are scale times 1, 100, 1,000, 10M and 1 megohm allowing readings from .1 ohm to 1,000 megohms.

The meter movement is 500 microamperes with a clear unbreakable plastic case with simple and easy zero adjust. The scale is extremely easy to read and the DB scale is in red. The circuit is a balanced bridge type, using a 6SN7. The A.C. rectifier uses a 6H6. The transformer power supply uses a 6X5 rectifier. We include a means of calibrating the D.C. instrument with the kit, eliminating the need for securing precision standards.

The best quality of materials is supplied -- aluminum cabinet, beautiful two color panel, 500 microamp meter, ceramic switches, glass enclosed precision voltage divider resistors, and every required part right down to the hook-up wire. Detailed blueprints and instructions make the assembly pleasant and simple. Average construction time is less than four short hours, and you have the best and most useful test instrument available.

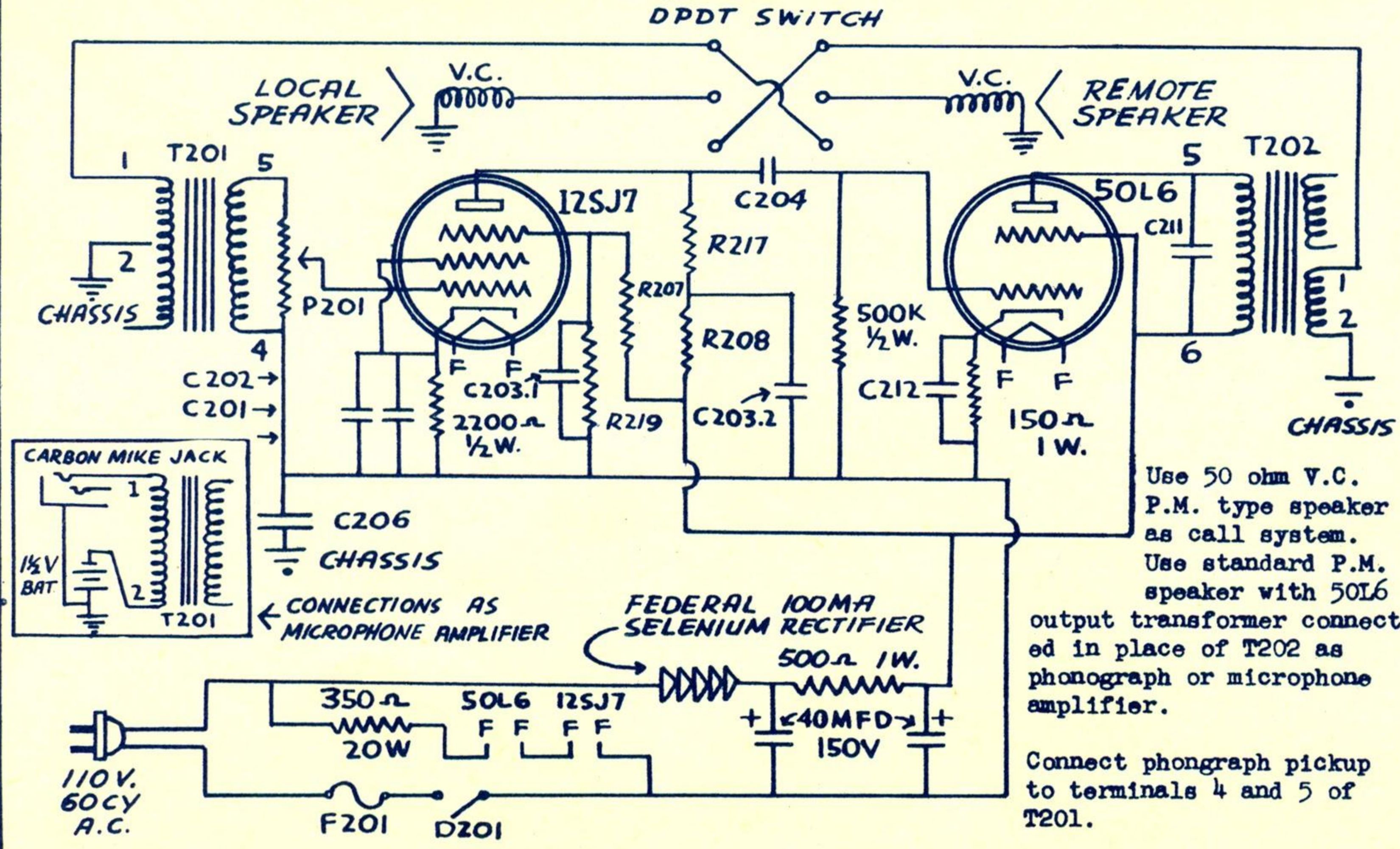


Nothing Else to Buy \$24.50

Add postage for 8 pounds, complete with tubes.

METER SCALE

## Converting THE BC605 INTERPHONE AMPLIFIER



So many good suggestions have come in for using the BC 605 that we are including the conversion data below. Customers are using these as electronic baby sitters (a remote speaker near the crib and the amplifier in the kitchen or neighbor's house, so that any cry or sound in the nursery is heard immediately), call system between shop and house, barn and house, house and tenant, up and down stairs, between neighbors, etc.

Where the original parts are used, they are the same number as on the bottom diagram of the BC 605. Additional needed parts are called out by their description. This is an A.C. - D.C. conversion with one master station and only one remote. However, by suitable switching additional remotes may be added. We have a few used BC 605's left at \$2.95.

Use 50 ohm V.C. P.M. type speaker as call system. Use standard P.M. speaker with 50L6 output transformer connected in place of T202 as phonograph or microphone amplifier.

Connect phonograph pickup to terminals 4 and 5 of T201.

\$2.95

# LABORATORIES *and* SCHOOLS



We have secured a small quantity of HEWLETT PACKARD MODEL 400A VACUUM TUBE VOLTMETERS brand new. These laboratory instruments have full scale ranges of .03, .1, .3, 1., 3., 10., 30., 100., and 300 volts with a frequency range of 10 c.p.s. to 1 Mc. on a linear scale. These are probably the last of the precision equipment available from war surplus, and we are selling them at a small fraction of the factory price. They are brand new with seven tubes, regulated power supply ready to operate. Add postage for 20 pounds.

**\$ 129.50**

## GENERAL ELECTRIC BC375 150 WATT TRANSMITTER

So many of you ordered these from the October flyer that we purchased the remaining WAA stock and can continue to supply these brand new 150 watt transmitters less tubes and tuning units. (The antenna terminal strips are broken on these, but are easily replaced and are otherwise perfect.)

*Only \$9.95*

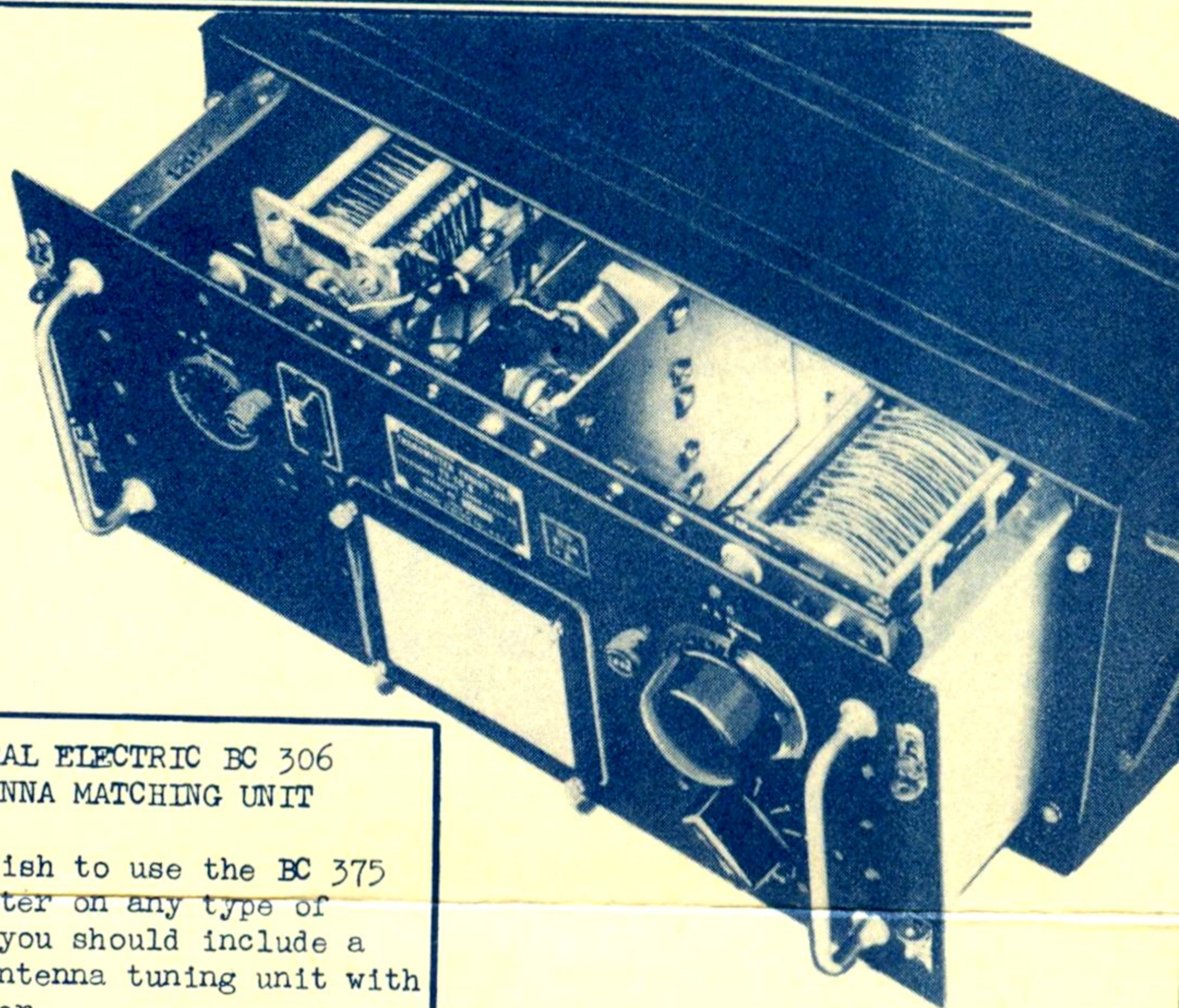
TUBES FOR BC375

New 211 tubes (four required)..... **89¢ ea.**  
and 10Y (one required) either type.....

## BC 375 TUNING UNIT

The BC 375 transmitter tuning units are without doubt one of the best buys that will ever be offered in war surplus. We have secured a quantity of brand new ones with black crackle cabinets. This cabinet, 16 3/4" wide - 7 3/4" high - 7 3/4" deep, is ideal for receiver or transmitter cabinet and is not usually included by other companies.

There have been articles in RADIO NEWS on converting these units to a transmitter, and also to a transmitter-receiver and we have reprinted these articles and include the complete data with each one. The tuner contains three excellent transmitting tuning condensers, a National Velvet vernier dial (worth \$3.00), ceramic switches, transmitting micas, transmitting tank coils and other valuable parts, which would cost over \$30.00 if purchased separately. The complete tuner with cabinet and conversion articles is priced at only..  
Add postage for 20 pounds.



GENERAL ELECTRIC BC 306  
ANTENNA MATCHING UNIT

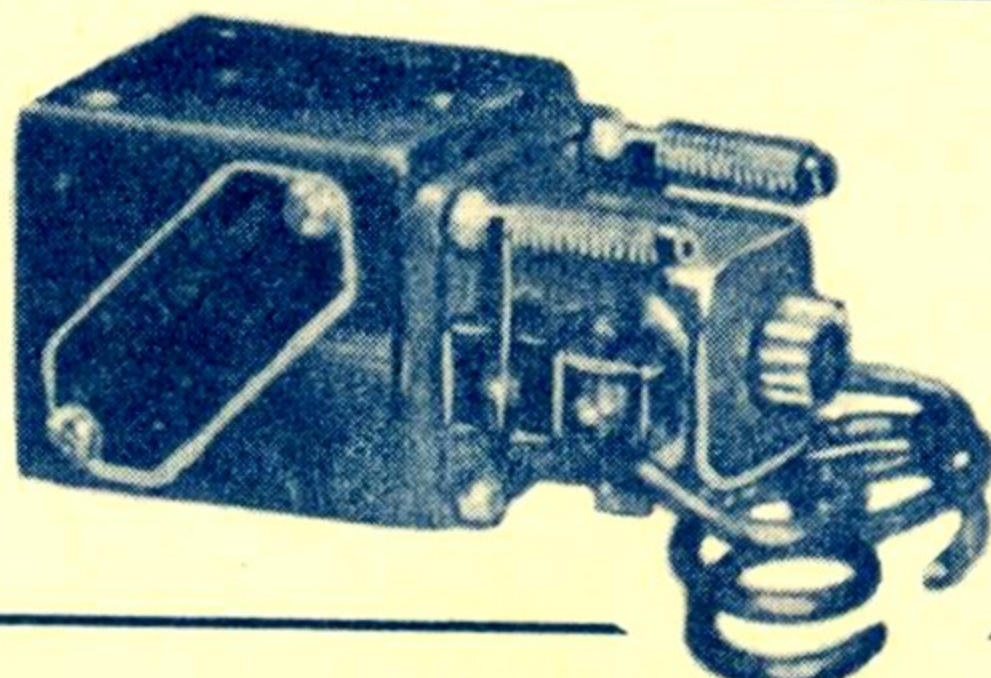
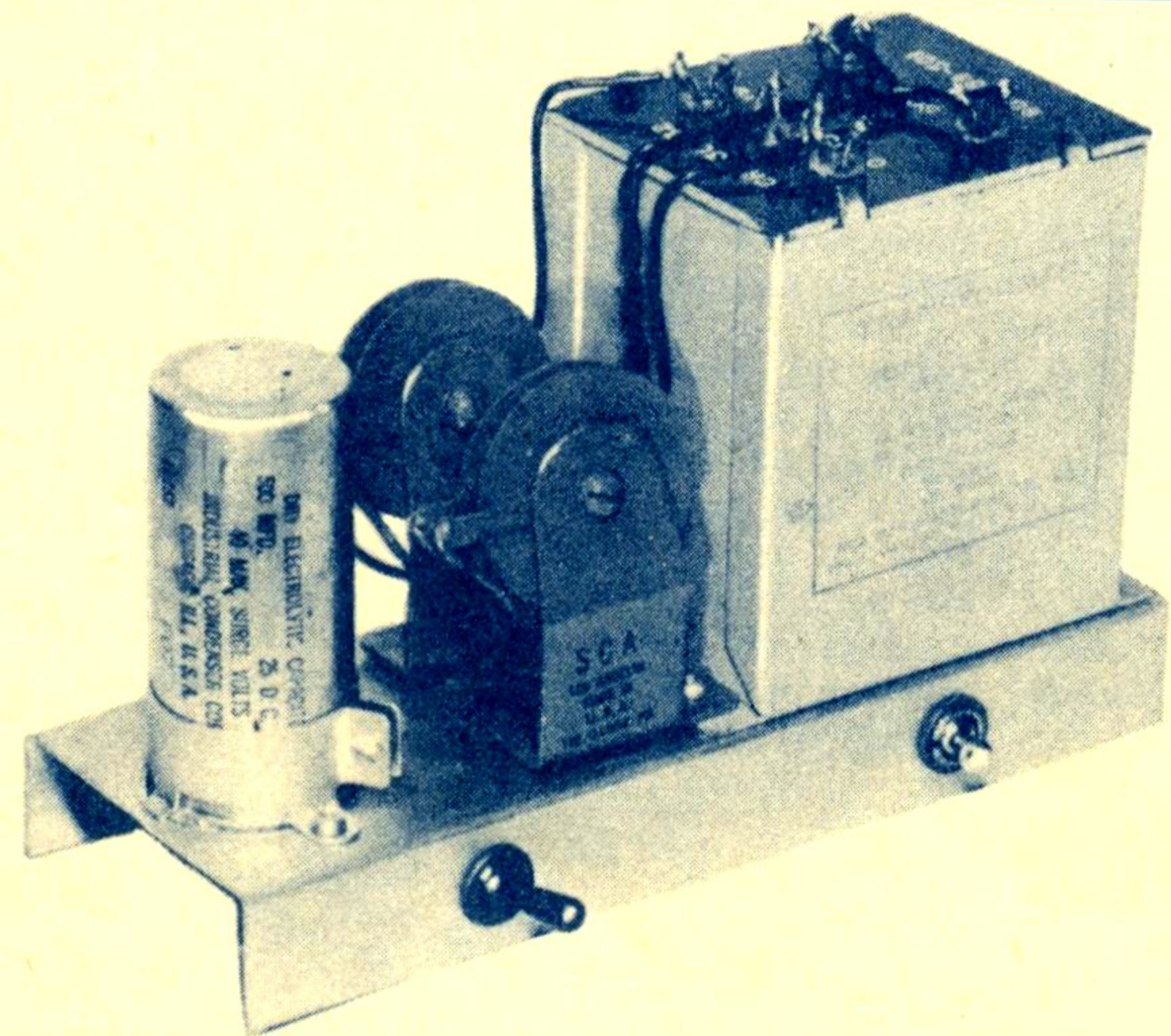
If you wish to use the BC 375 transmitter on any type of aerial, you should include a BC 306 antenna tuning unit with your order.  
Add postage for 20 pounds. **\$2.95**

*Brand NEW* **\$ 249**

## *For* KIDS AND DADS

Using surplus parts, we have developed a D.C. power supply kit to operate our \$2.95 miniature 24 volt electric motors from regular 110 V A.C. current. With this power supply, which includes a reversing switch, the motor makes an ideal unit for powering all kinds of models and toys, electric trains, window displays, small fans, etc. The power supply comes in kit form with punched chassis, line cord and assembly instructions. Motor power supply complete

Add postage for 6 pounds. . . . . **\$ 249**



*The* Miniature  
**MOTOR**

ONLY 1 1/4" x 1" x 2"  
INCLUDING SHAFT  
Add postage for 1 pound

*Only*  
**\$295**

# SCR 522 TRANSMITTER RECEIVERS

We have not offered 522's before because most of the ones available were in poor condition and had been exposed to salt water, causing the condensers to fail. We finally located some that suited us. They cannot be told from new, and are perfect in every respect. They make an ideal 150 Mc. transmitter-receiver and conversion articles have appeared in all the magazines. 522's are getting very scarce, and we suggest you order early.

*As we have only 80 of them all* **\$19.95**



**\$29.95**

## T32 TABLE MICROPHONE

So many have written wanting a good table microphone that we secured a stock of T32's. This is the standard Army table microphone, which matches most military transmitters such as the BC 375, BC 223, etc. It is a carbon type built by Kellogg. Every one who has used it calls it the best microphone the Army ever had. These are brand new in original cartons, and are ideal for amateur transmitters, factory call systems, public address, home recorders, etc. Complete with push-to-talk switch, cord and plug. Add postage for 5 lbs.....\$2.95.

## Aircraft OWNERS

We have a small supply of SCR 269F Fairchild automatic direction finders, and AN/APN-1 radio altimeters brand new at less than WAA wholesale. SCR 269F ADF's complete less inverter.

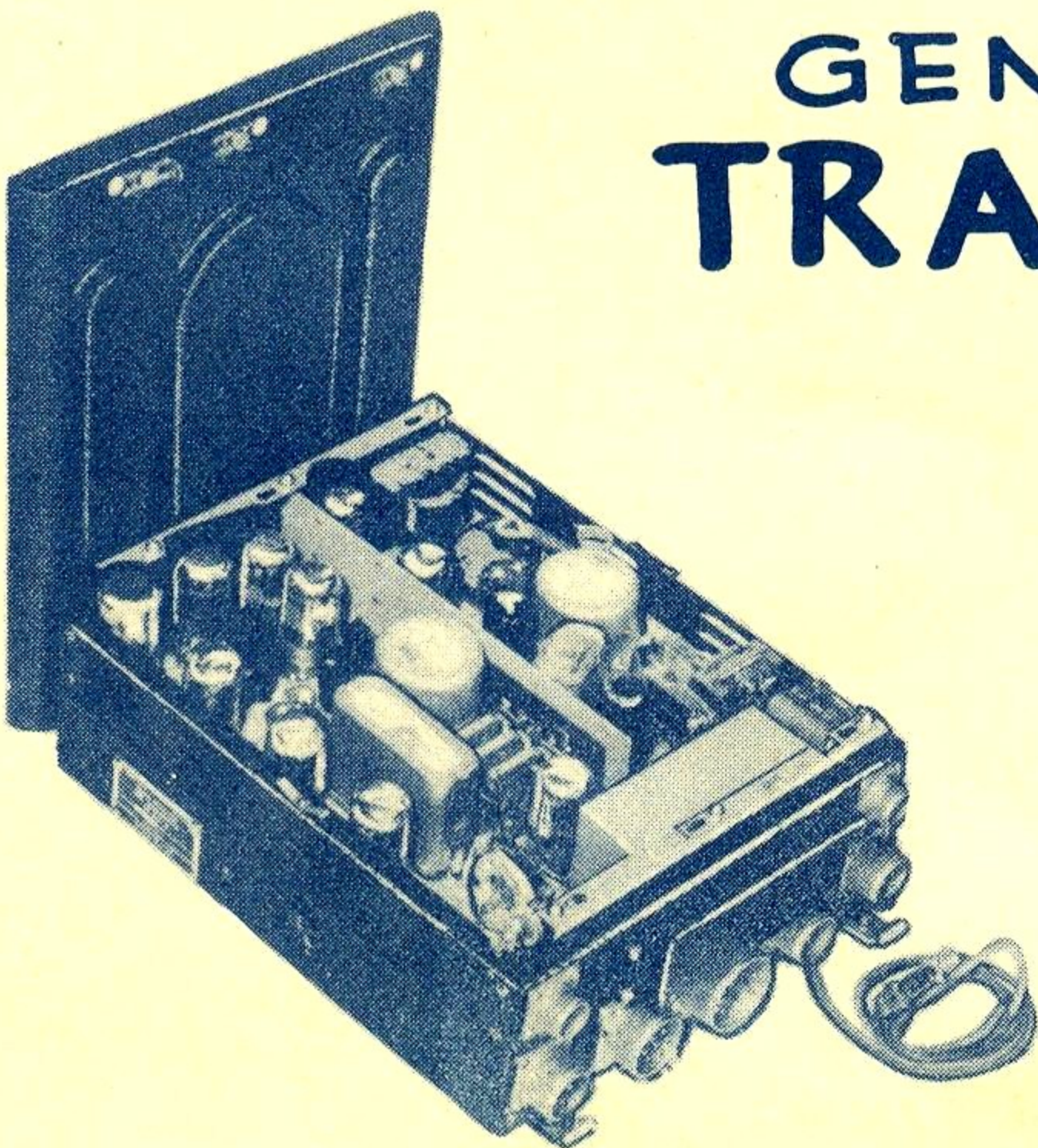
**\$34.95**



AN/APN-1 Radio altimeter complete with indicator, switch and plugs, brand new. **\$34.95**

## BETTER ADD THESE KITS TO YOUR ORDER

20	Bathtub bypass condensers up to 1 MFD and 600 volt . . . . .	\$1.00
20	Beautiful octal-loctal and miniature sockets . . . . .	1.00
15	5 and 10 watt vitreous resistors . . . . .	1.00
25	Excellent mica and silver mica condensers . . . . .	1.00
10	Brand new RF chokes $\frac{1}{2}$ to $2\frac{1}{2}$ MH . . . . .	1.00
100	Insulated color coded $\frac{1}{2}$ -1-2 watt resistors . . . . .	1.95
20	Ceramic condensers, many zero coef. types . . . . .	1.00
4	Mounted transmitter crystals 2-3 Mc. . . . .	1.00
3	Dual slug tuned square 455 Kc. IF's . . . . .	1.00
5	50 MMF Ceramic variable condensers screw driver type . . . . .	1.00
10	Excellent potentiometers, best ranges, long shafts . . . . .	1.95
10	Screw driver type potentiometers, good for test instruments . . . . .	1.00
20	Metal tubular bypass condensers . . . . .	1.00
15	Paper tubular bypass condensers .05-.5 MFD up to 600 V . . . . .	1.00



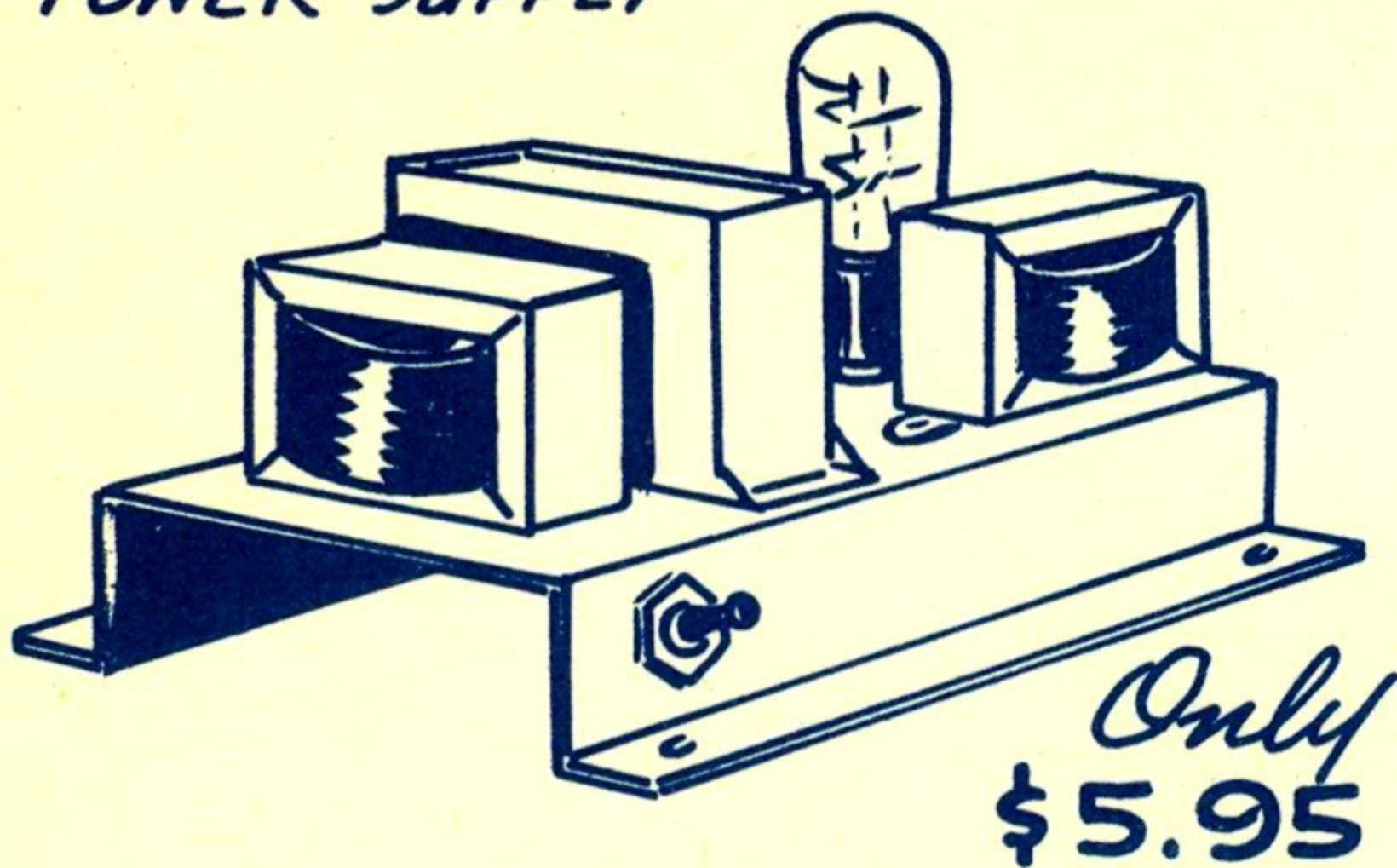
## GENERAL ELECTRIC BC645 TRANSMITTER RECEIVERS

This set is a natural for the proposed citizens band, for communication between house and car, boat, office, etc. It covers 450-500 Mc. The 15 tubes alone list for \$58.00 and the set is one of the best constructed we have seen. QST has carried an article on converting it to the 420 Mc. amateur band and we include data on the conversion and also of a 110 V A.C. power supply. One can spend an entire winter experimenting with VHF using this set. We are supplying them in original sealed G.E. cartons at

**\$14.95**      **2 FOR \$27.00**

# BC454 & 455 COMMAND SET OWNERS

## COMMAND SET POWER SUPPLY



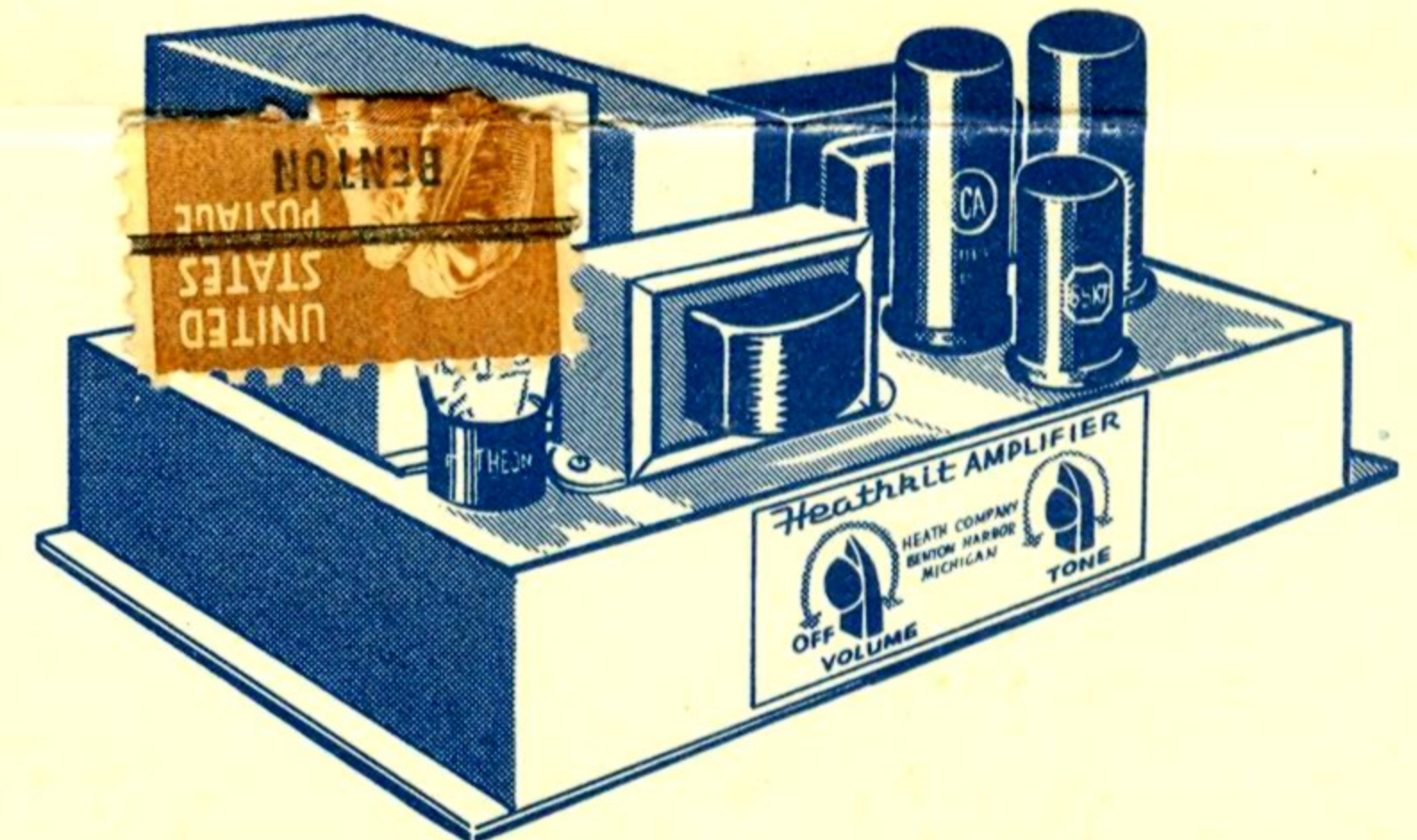
Our 110 V A.C. power supply kit for command sets is the only one available which powers your set without having to change the interior of the set. This kit supplies 250 V plate and 24 V filament direct to the dynamotor terminals and no altering of the set is necessary.

The complete kit consists of special power transformer, punched chassis, volume control, filter choke and condenser, switches, line cord, rectifier tube, socket and connecting cable complete with construction blueprint.

COMMAND SET POWER SUPPLY.....\$5.95  
 5" FM Speaker with matching output transformer..... 2.80  
 Dual mounting rack FT277A with connecting plugs for receivers..... 1.00  
 Shock mount for above rack..... 1.00  
 Single rack for transmitter (BC 457-8-9) FT 234A..... 1.00

## Heathkit AMPLIFIER KIT

A fortunate purchase of best quality Thordarson output transformers has enabled us to supply a high fidelity push pull phase inverter 25 watt amplifier in kit form at the amazing price of \$14.95. This kit comes complete with punched and formed chassis, tubes, power transformer, filter choke and condenser, sockets, volume and tone control, resistors, condensers, etc., with complete assembly instructions. The tone quality of this amplifier is outstanding, making it ideal for phonograph amplifiers, small public address system, factory call system, FM amplifier, etc. The complete kit with tubes, output transformer (to 3-8-15 ohm voice coil)



A REAL BUY FOR *Only* **\$14.95**



In closing, Merry Christmas to all of you, and thanks for the orders. Thanks also for the many wonderful letters complimenting the quality of materials and service-- it encourages everyone in our organization.

We have several swell conversion articles for the December Flyer.

Stop at our store if going through Benton Harbor.

HEATH COMPANY  
 Benton Harbor, Michigan

HEATH COMPANY ....  
 BENTON HARBOR, MICHIGAN

RETURN POSTAGE GUARANTEED

