# Published by The Crosley RADIO WEEKLY Manufacturers of Armstrong Radio Corporation AND WLW PROGRAMS Regenerative Radios

VOL. V. NO. XII.

MARCH 22, 1926

### Musicone Is Winner In Elimination Test **During Convention**

Crosley Speaker Was the Only One That Would Reproduce Both the Highest and Lowest Notes.

During the recent convention of Crosley salesmen at the main plant of The Crosley Radio Corporation, in Cincinnati, Charles W. Peterson. inventor of the Musicone, conducted a series of interesting tests in which the Musicone was compared with practically every other cone-type loud speaker on the market, thus revealing in a very vivid manner the superiorities of the Crosley reproducer over every other model.

The Musicone was the only loud speaker that would reproduce both the highest and lowest notes perfeetly. There were certain types that would bring in the high soprano notes, but would fail miserably when the low notes were reached. The manufacturers had sucrificed ability to reproduce the low ones in order to reproduce perfectly the higher tones. Others were just the opposite. They would reproduce the low notes fairly well, but could not bring in the higher ones without chattering and distortion. But the Musicone covered the entire range perfectly, reproducing the very lowest notes of a drum with absolute clearness and the highest notes possible without the least distortion.

In an interesting manner, certain types of "impossible" ones were eliminated until there remained but two loud speakers-the Musicone and one that functioned fairly well, but which cost in the neighborhood of \$50.00 as compared with \$14.75 for the Musicone. There was considerable argument as to the merits of the two models, and finally it was suggested that the men present turn their backs during the comparisons. The loud speakers were numbered and their number was called out while music was being received on "Number 1" or "Number 2." Then the men voted on the one they believed was most perfect. All but one voted for the Musicone.

Mr. Peterson explained the mechanism of the Musicone and pointed out the advantages of using the floating cone, for which there is a patent pending and which, he said,

(Continued on Page 8.)

### READY FOR BIG RADIO SUMMER



The picture above was taken during a recent gathering of certain of the field representatives of The Crosley Radio Corporation, at which these salesmen predicted that judging from present conditions the sale of radio merchandise will be unusually heavy during the coming Spring and Summer. Among those in the group are: Top row—Lee Bird, E. I. Storer, F. G. Evans, E. K. Revercomb. In the middle row: H. D. Johnson, B. H. Clark, J. T. Dulton, C. Hayes, E. L. Shepherd. In the bottom row: C. H. Carey, J. L. Woods, W. B. Fulghum, Powel Crosley, Jr. L. A. Kellogg, E. T. Pfaff.

### Radio Activity To Be In Direct Ratio To Energy Of The Dealer This Summer; Busy Season Faced By Live Merchants

chant who sells to the consumer gressive dealers. remains on the job and refuses to permit experiences of former seasons continual flow of radio merchandise through his store. On the other hand there will be little business for the man who gives up hopes of selling any receiving sets just because there was no market for them during the Springs and Summers of former years.

Crosley sales during January and February greatly exceed those of the first two months of any previous year and indications are that this unprecedented business will continue throughout the greater part of the four or five months to come. There is a market for the new four and five tube Crosley radios. Buyers actually are demanding them and despite the fact that

Activity in the radio industry dur- every one of the Crosley factories ing the coming Spring and Summer is being operated at full capacity, will be in direct ratio to the energy troubles are being encountered in they were handling a line of merof the retail dealer. If the mer- meeting the requirements of the pro-

After a careful survey of the possible obstacles in the path of radio to influence him, there will be a sales, it was decided that practically the only one that amounts to anything is the fact that during the heat of the Summer people will not want to remain in their houses to listen to radio music. Interferences so troublesome during Summers of the past are being eliminated through the use of higher power by the broadcasting stations and sets are being made with which it is more easy to cut out the interferences that have not been eliminated through the use of this higher power. Other obstacles have been overcome and so the only possible resistance is that of the Summer heat driving the listeners away from their radio sets.

(Continued on Page 3.)

### Crosley Salesmen Predict A Bright Spring and Summer

Announcement of New Sales Record for January and February Cheered by Field Representatives.

Announcement that Crosley Radio Sales during the months of January and February had greatly exceeded those of the first two months of any other year in the history of The Crosley Radio Corporation, was greeted with cheers at a recent gathering of field representatives, whose territories take in a greater part of the United States.

These men reported the outlook for a good Spring and Summer radio business was exceptionally bright and announced that orders are being placed for immediate delivery by both distributors and dealers, adding that the latter are displaying far more interest in radio than ever before at this time of the year.

Powel Crosley, Jr., explained to the men the circuits used in the new four and five tube sets and pointed ont specific reasons why they were more efficient than those used in other types of receivers. He declared there was no reason for any noticeable slump in the radio business and urged his men to forget that in former years it had been a long, hard pull at this season of the year for everyone engaged in the radio business. He pointed out to the salesmen that chandise that was being sold with practically no resistance.

Walter B. Fnighum, sales manager, also addressed the assembled representatives. He talked, off and on, for two days, explaining the sales policies of the Crosley organization and urging the men to work with even more energy than they have exerted in the past. Many interesting points were brought up during the round-table discussions and a series of per-plexing problems was solved. New methods of merchandising were adopted and put into effect immediately, but these were not radically different from these employed heretofore.

George Lewis explained the technicalities of the various new sets and the Musicones, answering many questions in regard to the new cir-

### Crosley WLW Programs For Week of March 21

WLW PROGRAM The Crosley Radio Corporation, Cincinnati, Ohio. 422.3 Meters—710 K. C. Sunday, March 21st, 1926 Central Standard Time.

9:30 A. M.—Sunday School conducted by the Editorial Staff of Sunday School Publications of the Methodist Book Concern.

10:30 A. M.—Weather Forecast and River Stages.

11:00 A. M.—Morning Worship from the Seventh Presbyterian Church, Madison and Cleinview Aves.

Jesse Halsey, Minister Dan Beddoe, Soloist Adolph H. Stadermann, Organist

ist
Prelude—"The March to Calvary" ...... Matthews
Salutation
The Lord's Prayer

Gloria Organ Interinde Duct—"Ye Have Taken Away My Lord" ... Mendelssohn Miss Clark, Mr. Beddoe Children's Sermon

Hymn Scripture Lesson Pastoral Prayer Chimes Announcements
Announcements
Offertory—"Lento"...Geo, Calkin
Solo—"Frather in Heaven" Doun
Mr. Beddoe

Sermon-Dr. Silas Evans, Pres. of Ripon College, will speak.

Hymn Benediction

Renediction
Gloria
Posttude
4:00 P. M.—Choir of the Latonia
Baptist Church.
F. D. Walker, director
Mrs. F. W. Walker, organist
7:30 P. M.—Services from the First
Presbyterlan Church of Walnut
Hills, Dr. Frederick MacMillin,
Minister.

Itills, Dr. Frederick MacMillin, Minister.

10:00 A. M.—Weather Forecast, Riemann Spring, Program under auspices of The H. & S. Pogue Company.

The H. & S. Pogue Orchestra under direction of Walter Esberger, well-known band master.

Soloist: HELEN REMLEY coloratura soggether.

coloratura soprana.

1. Selection: "Spring Maid"

1. Selection: "Spring Maid

Reinhardt

2. Waltz: "Spring, Beautiful
Spring" Lehar

3. Spring Song Mendelssohn

4. Characteristic: "Spring Blos-

soms" ...... Wood
5. Intermezzo: "Tulips" . Miles
6. Danseuse: "Cupid's Frolic" 7. "In the Spring a Young Man's Pancy

8. Narcissus Nevin
9. Sciection: "Wildflower" Youmanns
10. "Legend of the Rose"

11. "Melody of Summer Night"

12. Finale: Excerpts from "Blossom Time" ..... Romberg
(The Baldwin Plano) WLW PROGRAM

The Crosley Radio Corporation, Cincinnati, Ohio. 422.3 Meters—710 K. C. Monday, March 22nd, 1926 Central Standard Time. 7:39 A. M.-Healthful Exercises by William Stradtman of the Physical Department of the Y. M.

steal Department of the X. M.
C. A.
S:0 A. M.—Morning Devotions under the auspices of Parkway
Y. M. C. A.
16.0 A. M.—Weather Forecast, River Stand official Police
Bulletin.
11:00 A. M.—Weather Reports.
11:05 A. M.—Wather Forecast and
Correct Time.
12:05 P. M.—Religious Services conducted by Rev. George H. Kase.

1:30 P. M.—Business Reports.
3:00 P. M.—Market Reports.
4:00 P. M.—Children's Hour, pupils from the College of Music of Cincinnati.
4:30 P. M.—Official Police Bulletin.
6:50 P. M.—P. S. Market Reports and Weather Forecast.
7:00 P. M.—Dinner Concert from the Hotel Gibson Florentine Room: orchestra directed by Robert Visconti.
7:30 P. M.—Theatrical feature.

orchestra directed by Robert Visconti.
7:30 P. M.—Theatrical feature.
7:40 P. M.—Continuation of Hotel Gibson Concert.
8:00 P.M.—The Clincinnati Times-Star Concert. Soloist: Howard Hafford, tenor.
(1) Interval & Classics:
The Robert Alter Trio Robert Alter, Vox-Ferro (Saw)
Rosemary Stoess, plano William Stoess, violin
(2) Interval of Hawailian and popular strains. The South Sea Serenaders, Dayton, O.
(3) Interval of popular dance selections

selections The Liberty Theatre Raga-

Mary Louise Woseczek.

Serenade Badine ...Gabriel-Marie
La Fountaine ........Bohm
Gavotte ("Mignon") ...Thomas
Impromptu A Fiat ....Schubert
Valse Lente ("Coppelia")

La Zingana .....Bohm
7:50 P. M.—Second in a series of four talks on "Why Go To College?" by Benjamin T. Bryant, President of Student Council, University of Cincinnati.
Subject: "How To Get the Best Out of College:" Bryant Corkers, comedians and instrumentalists, in a potpourri of wit and melodies of other days, dedicated to Crosley Burnt Corkers, comedians and instrumentalists, in a potpourri of wit and melodies of other days, dedicated to Crosley Jobbers in the State of Florida, featuring: The Mussicine Male Quartet, assisted by Gaylord Anderson and Clarence Miller; Louis John Johnen, Interlocutor.

1. "King Robert of Sicily" by Henry Wadsworth Longfellow, music by Liza Lehman.

S. Burnet Jordan, reader. William Naylor, pianist.

S. Sinfonia Woodwind Ensemble.

9:00 P. M.—Concert by the Tenth Infantry Military Band from Fit, Thomas, Ky.

10:00 P. M.—The Cincinnati Zither Players.

Ruth Hohe
Charles Hohe
Anton Roehrlch

10:20 P. M.—Further Radio Adventures of Senator Schultz.

10:40 P. M.—Crosley Male Quartet: Fenton Pugh, first tenor Russell Dunham, second tenor Richard Fluke, first bass Leiland Sheehy, second hass Walter DeVaux, accompanist

9:00 P. M.—Concert program featuring the Formica Orchestra, William C. Stoess, director, under auspices of the Formica Insulation Company, Program of "March" 11:00 P. M.—Maids of Melody, Grace Donaldson and Hortense Rhodes.

11:00 P. M.—Maids of Melody, Grace Donaldson and Hortense Rhodes.

11:15 P. M.—Popular request organ recital by Johanna Grosse.

(The Baldwin Piano) Insulation Company.
Program of "March"

1. March: "Man of the Hour"

2. March: "The Mighty". Hays 3. March: "Fellowship". Klohr 4. March from "Aida". Verdi 5. March of the Spanish Sol-5. March of the Spanish Sol-diery .......................... Smetsky Selections by the Lyric Male Quartet. Part 2. Formica Orchestra. Waltz: "Wedding of the Winds"

Popular Requests: Hall Popular Requests:
a. Somebody Else Is Stealing My Sweetic's Kisses
b. I Never Knew
c. Sorry and Blue
P. M.—Dance Program from

Castle Farin. (The Baldwin Piano)

WLW PROGRAM The Crosley Radio Corporation, Cincinnati, Ohio. 422.3 Meters—710 K. C.

WLW PROGRAM Thursday, March 25th, 1926 Central Standard Time.

Central Standard Time.

7:30 A. M.—Healthful Exercises by William Stradtman of the Physical Department of the Central Y. M. C. A.

8:00 A. M.—Morning Devotions under auspices of the Y. M. C. A.

10:00 A. M.—Weather Forecast, River Stages and Official Police Bulletin.

11:00 A. M.—Weather Forecast and Correct Time.

12:05 P. M.—Organ Concert by Mildred Prigge, pupil of Johanna Grosse, featuring hits from favorite light operas.

12:30 P. M.—Health talk by Dr. Carl A. Wiltbach, Executive Secretary of the Central Y. M. C. A.

12:40 P. M.—Songs by Russell (Red) Green, Lyric Tenor.

1:30 P. M.—Business Reports.

2:00 P. M.—Ethical Study of the Modern Drama, conducted by Rev. John Edwin Pries, First Universalist Church, Home of the Broadwell Evening School.

3:00 P. M.—Market Reports.

4:00 P. M.—Plano recital by Adelaide Apfel.

4:30 P. M.—Golf Chats by Archie Simpson.

6:15 P. M.—Golf Chats by Archie Simpson.

Friday, March 26th, 1926 Central Standard Time.

7:30 A. M.—Healthful Exercises from the Y. M. C. A., by William Stradtman, Physical Discourse

(Continued on Page 8.)

CROSLEY RADIO WEEKLY and WLW PROGRAMS

### Crosley Radio Weekly Published by The Crosley Radio

Corporation, Manufacturers of Radio Apparatus Colerain and Sassafras Streets, Cincinnati, Ohio. Telephone: Kirby 3200 Robert F. Stayman Editor Radios. Alvin Plaugh Associate Editor

#### LITERATURE READY

Circulars illustrating and describing the new four and five tube Crosley Radios are ready now for authorized dealers. A sample of lists can be taken from the local real taste. directory, telephone book, etc. Other new circulars will be ready within a very short time, and samples of these also will be sent to the dealers so they can order as many Crosley radio table is shown to the as they deem necessary for their requirements. Advertising mats and electrotypes also are available. Reproductions of newspaper advertisements furnished dealers are be ing published in the Radio Weekly from time to time, and many dealers are finding it very profitable to use these in their local newspapers.

### CROSLEY FRANCHISE IS VALUABLE

## CRAM
## Comparation, and the Comparation of the Comparation, and the Comparation and the C tors are nursing their Crosley by The Radio Frequency Laborafranchise. They realize this is a valuable asset to their organization provides true cascade amplification and that its worth is increasing in a radio frequency amplifier. This daily. Recently there was a distributor who failed to recognize the of a complete Wheatstone Bridge in value of this franchise and was on the verge of throwing out the line. bridge in each radio stage is com-But after more careful consideration, he decided he was making a feature that this condition of balserious mistake and asked that he ance is practically uniform at all be permitted to retain the right to wave lengths. This makes the amdistribute these "Better—Cost Less" plifter stable at all wave lengths, radios. He not only agreed to exert greater energy in the merchandising of Crosley products, but volunteered to discard all other lines longer wave lengths, than heretoof radio receivers and loud speak- fore has been thought possible. ers. Since featuring Crosley radios, he has sold more sets than he ever of the Crosley franchise.

placed, as they have served their radio.

### and Special Table Form Ideal Combination

Combination Going Into the Homes That are Most Particular About Their

The very attractive radio combination illustrated at the right is that of the Crosley R. F. L.-75, the Musicone DeLuxe and a specially designed cabinet that is welcomed by those who demand neatness and attractiveness as well as perfect reception in radio. This combination is going into the homes of the new advertising literature was persons who are most particular sent to every Crosley dealer last about the appearance of their raweek, and imprinted on it was a dlo apparatus. It blends harmonisuggestion that the dealer order ously with the most beautiful surenough to circularize carefully ev. roundings and is heartly welcomed ery mailing list available. These in the room that is furnished with

Radio buyers often wonder what they will do with their receiving set when they get it home. In many cases the problem is a serious one, and is solved only when the customer. There is nothing clumsy about it-it takes up very little room. Design and finish are so excuts ask for E-631-A. quisite that very favorable comments have been made by furniture men, artists and decorators. The R. F. L.-75, which forms

\$25.00 for the table.

in the great out-doors

Radio Activity To

Be In Direct Ratio

(Continued from Page 1.)

part of this ideal combination, is a new five tube radio. The beautiful Heinrich design on the panel is exquisitely done in gold with rose gold metal trimmings to match. The circuit was invented by Mr. Stuart Ballantine and Dr. Lewis M. Hull Wide-awake dealers and distribu- and was developed and perfected tories, Inc. It is unique in that it each radio frequency stage. The

There has been an exceptional demand recently for the DeLuxe did before in the same length of Model Musicones. In these the mantime. He realizes now the value tel clock type cabinet of delicately grilled mahogany houses so attractively the same mechanism as is tion as this is made to them. They was had by all." Don't try to use old batteries in found in the regular Musicones. can be sold all the year round by the plate circuits of your set, unless This art case, which is illustrated you want plenty of unaccountable here, was designed especially for noises. B batterles that are more those who demand something exthan about 15 per cent lower in traordinarily exclusive as a fitting radio industry during the coming down for your set. Use them on voltage than normal should be re- compliment to an elaborate cabinet Spring and Summer will be in the door bell, and they'll last nearly

The price of this combination is retail dealer.

### R.F.L.-75, Musicone REAL ART IN RADIO Crosley Salesmen Entertain Manager With Surprise Party

Dinner is Given in Honor of Walter B. Fulghum at Close of First Year as Sales Manager.

On the evening of March 2, Crosley radio salesmen, who had gathered in Cincinnati for one of their regular conferences, attended a surprise party in honor of Walter B. Fulghum, general sales manager. who, on that day, was celebrating the first anniversary of his connection with the Crosley organization. The party was given by Powel Crosley, Jr., President, and was in the form of a very elaborate banquet at the Cincinnati Business Men's Club.

Mr. Fulghum, who lives at the Club, was lured to the dining room by a fake telephone call to the The picture above is that of the effect that one of the Crosley men Crosley Musicone DeLuxe, the R. had been arrested and was being F. L.-75 radio and a special Crosheld in Room so-and-so by prohibiley table. Electrotypes of the above thou officers. He was asked to will be furnished to those who desire to illustrate the combined un- Crosley man. Always ready to be its in their catalogs. In ordering of assistance, Mr. Fulghum rushed to the room, only to be met by the cheers of his fellow-workers, who \$127.50, or \$75.00 for the radio set, had gathered about a very beauti-\$23.50 for the Musicone DeLuxe and fully decorated table, at the head of which was a birthday cake, with one candle.

Mr. Crosley, at the close of the dinner, expressed the feelings of the Crosley men toward Mr. Fulghum, complimented him upon the manner in which he has conducted To Energy of Dealer the sales department during the past year, thanked the men for the hearty manner in which they have co-operated with the sales manager This sales resistance can be and then very briefly outlined what crushed very easily. All the dealer he expected the sales department need do is suggest that the pur- to accomplish during the coming chaser buy an extension cord for season.

his Musicone, which then can be carried to the porch, on the lawn talk for a few moments, soon was or where-ever members of the family "going strong" and after thanking desire to assemble on the hot Summer nights. Music on the porch or clared the year just closing has on the lawn really is more beauti- been the shortest one of his life. ful than in the house. Any student He outlined what he desired to acof music will agree with this. There complish during the coming season are no walls from which the sound and predicted that Crosley sales waves will rebound time and time would exceed many times those of again, and so there is no music any previous year.

sweeter than that being received Then every one of the men was called upon to make a few remarks. Radios can be sold to people who which were all of those "that recomplain about not desiring to re- minds me" type that must be emitmain in their homes during the ted because of certain postal reguhot weather when such a sugges- lations. But anyhow "a good time

dealers who are alive and on the job. As we stated, activity in the cells when they are too far run Don't throw away the No. 6 dry direct ratio to the energy of the as long as new ones, in the latter

# Data Regarding Crosley's New Four And Five Tube Radios

I. GENERAL					II. OPERATION				III. ACCESSORIES				IV. CONSTRUCTION				
a, Model	RFL-75	RFL-60	5-38	4-29	Model	RFL-75 RFL-60	5-38	4-29	Model	RFL-75 RFL-60	5-38	4.29	Model	RFL-75	RFL-60	5-33	4-29
b. Price, with- out acces- sories	Table type Self-contain- ed. Sloping Panel  Table type Straight Panel	\$60.00	\$38.00	\$29.00  Table type Compact Sloping Panel.	a. Number of Tuning Controls								a. Panel	Fo	rmica	Wood	Wood
		Table type				3	3	2	a. Type of	201-A, UX base,	Dry or storage, all types	age, all types	b. Cabinet	Solid Mahoga	ny.	Hardwood, mahogany finish.	Hardwood, mahogany finish.
c. Type of Cabinet		Compact Straight Panel	Compact Sloping Panel				-		Tubes	ZOTO, GA Base.	except power tubes and 200's. UX base.	except power tubes and 200's. UX base,	c. Condensers	Low-loss, sol	Low-loss, soldered plates, admium plated, vernier control. Capacity 0.00054 mf.		Low-loss soldered plates, cad-
d. Number of Tubes	5		5	•	b. Will Set Log	Yes	Yes	Yes	b. Type "A"	Storage, 6 volt or "A" eliminator.	Dry or storage or "A"	Dry or storage, or "A" eliminator.		trol. Capacity 0.00054 mf. No. used	mium plated, vernier con- trol. Capac- ity 0.0003 mf. No. used 3.	mium plated, vernier con- trol. Capacity 0.0004 mf. No used 2.	
e. Type and length of Aerial	Outdoor 60—150 ft.		Outdoor 60-160 ft.	Outdoor 60-150 ft.	c. Volume	Loudspeaker on distant stations.	Loudspeaker on distant stations.	Loudspeaker on distant stations.	Battery	Cammator,	eliminator,	eliminator.	d. Sockets	Gang sockets	for UX base.	Gang sockets for UX base.	Gang sockets
		33-130 11.							c. Type "B" Battery	Dry or storage or "B' eliminator.	Dry or storage or "B" eliminator.	Dry or stor. age, or "B" eliminator.	e. Inductances	Tu	oular.	Spider-web low-loss.	Spider-web low-loss.
f. Wave length Range	1. Entirely new method of balancing. 2. Balanced throughout entire wave length rangewill not squeal at any wave length. 3. Efficient reception of long wave stations. 4. Method of balancing allows of maximum amplification per stage. 5. Easy to tune and operate. 6. Non-radiating.		200 to 550 meters	1. Crescendon controlled detector	d. Distance	Long-distance reception.	Lpng-distance reception.	Long-distance reception.	d. Type "C" Battery	Dry or Storage.	Dry or stor-	Dry or stor-	f. Wiring	Semi-rigid in	sulated wiring bus terminals.	Semi-rigid in- sulated wir- ing soldered to bus ter- minals.	Semi-rigid insulated wir ing soldered to bus ter- minals.
g. Features of Sets			Crescendon controlled detector (both 2nd R. F. tube and detector tube incorporate crescendon principle.						e. Recom- mended "B" Volt- age		16-45 detector 90 amplifier	16-45 detector, 90 amplifier	g. A. F. Trans- formers	4:1 ratio		1st stage 9:1 2nd stage 4:1	1st stage 9:1 2nd stage 4:
					e. Non-radiat- ing Fea- tures	Non-oscillating, balanced cir- cult and loosely coupled, aperiodic antenna circult prevents radiation.	Non-oscillating first stage R. F. tube combined with loosely coupled, aperiodic antenna circuit prevents radiation.	stage R. F.		16-45 detector, 90 amplifier.			h. Rheostats	1-30 ohm for 1-6 ohm for fi	volume control.	1-6 ohm for filament control.	1-6 ohm for filament con-
			2. Remarkable selectivity and volume on distant stations.	2. Remarkable selectivity and volume on distant stations.									V. SIZE, WEIGHT, ETC.				
													Model	RFL-75	RFL-60	5-38	4-29
			3. Non-radiating.	3. Non-radiat- ing.					f. "C" voltage recom- mended by manufac- turer of tubes used.	4)	13 to 9, de- pending on tubes used.	a. Weight In Carton	28 pounds	14 pounds	11} pounds	9 pounds	
h. Circult			Two stages radio-fre- quency amplification, detector, two stages audio-frequency amplification. Detector and second stage R. F. tube use crescendon by coupling plate circuit of detector to grid of second R. F. tube. Aperlodic antenna circuit loosely coupled to local circuit.	One stage radio-fre- quency amp- lification, crescendon- controlled detector, two stages audio-frequency amplification.	f. Selectivity Features	Loss-loss construction throughout makes set selective.  Rheostats accommodate all types of tubes except 200's, Filament switch enables tubes to be turned off without touching rheostats.	Low-loss construction combined with crescendon makes set highly selective.	Low-loss construction combined with crescendon makes set highly selec- tive.	G. Geld Leat.	g. Grid leak recom. mended by manufac. turer of tubes used.	1 to 3 meg- ohms	1 to 3 meg- ohms	b. Weight Unpacked	20 pounds	10 pounds	8½ pounds	.61 pounds
	Two stages balar frequency amplifications, and two saudio-frequency Aperiodic antenna loosely coupled tout. New Methancing developed Ballantine and Drull, incorporates Wheatstone bridg radio-frequency s	llanced radio- blification, de- o stages of y amplification, nna circuit.							mended by manufac- turer of				c. Length over all	26} In.	17½ in.	19½ inches	15} inches
	cuit. New Me ancing develope Ballantine and Hull, Incorpora Wheatstone bri	to local cir- ethod of bal- ed by Stewart Dr. Lewis M.			g. Tube Con- trol		Rheostats ac- commodate all types of tubes ex- cept 200'c	Rheostats ac- commodate all types of cubes ex- cept 200's.  Rheostats ac- commodate all types of tubes ex- cept 200's.	h. Milliampere "B" battery consump. tion with				d. Heighth	10½ ln.	7) in.	Q1 Inch-	711.00
	radio-frequency	stage.			h. Stability	Balancing feature assures stability.	200 8.			20—35 (Depending upon strength of incoming signal)	15—30	14-20	e. Depth	12½ In.	7½ In.	8½ inches	73 Inches

## "NOT BAD FOR DAYTIME RECEPTION"

INDIANA MAN SAYS AFTER TUNING IN

### New Orleans and Jacksonville Davenport, ON A FIVE TUBE

CROSLEY 5-38

READ WHAT OTHERS SAY ABOUT THE NEW FOUR AND FIVE TUBE CROSLEY RADIOS

"In a test at home, with a Crosley 5-38, I received on a Muslcone, during the daytime, stations in Cincinnati, Ohlo; Chicago, Ill.; St.

Louis, Mo.; Davenport, Iowa; Louisville, Ky.; New Orleans, La.; Atlanta, Ga.; Jacksonville, Fla. and Pittsburgh, Pa.

"Not bad for daylight reception, is it? I get Mexico City at night as well as California stations. I have seen many \$300.00 sets full to do it and my list of daylight stations will make the dealer of other radios turn green with

"Yours respectfully,
"N. J. Eddy, "Greenwood, Iudiana."

"Dear Sirs:

"I have had several makes of radios, but none can come up to your Crosley 4-29. Can get any place in the U. S. Have been recommending your Crosley Model 4-29, and here's hoping we have more Crosley radio funs. "Yours very respectfully, "Oscar Rieker.

"Michigan City, Indiana."

"Dear Sirs:

"Just a word on your new models. They have the snap tone and quality far above the price you have on them. I just received one 5-38 which is a wonder for the price. I pulled in KFI, Los Angeles, on a Musicone. It came in as loud and clear as you could ask for. I want to congratulate you and thank you also.

"Yours truly,
"Lloyd Peterson,
"Carbon, Iowa."

FOUR TUBE 4---29



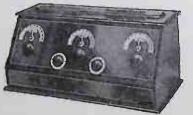
This four tube radio consists of one stage of tuned radio frequency amplification, Crescendon control detector and two stages of audio frequency amplification. The Crescendon is an exclusive Crosley feature that permits weak signals to be heard throughout an entire room.

\$29.00

FIVE TUBE 5---38

\$38.00

stages of tuned radio frequency amplification, with Crescendon control of the second radio frequency stage, plus two stages of audio frequency amplifica-



Crosley manufactures radio receiving sets which are licensed under Armstrong U. S. Patent No. 1,113,149, or under patent applications of Radio Frequency Laboratories, Inc.

### FIVE TUBE R. F. L.—75

We have tried out your 4-29 and 5-38 and will say they are a perfect success. The people were sure surprised at their performance Saturday, the 20th. We put on a program with the 5-38 from

You could hear it plain for three blocks, all the different stations.

New Orleans, Pittsburgh, Davenport, Omaha, and many others.

We sure had some audience, country folks and city. Every cus-

booster.

"Gentlemen:

tomer we have sold is a real

"I just received my new Cros-

ley R. F. L.-60 receiving set and

a Crosley Musicone, which I now

regard as the greatest invention in radio. I have listened to

many different types or radios,

and own several kinds which I

heretofore believed were excel-

lent, but I am thoroughly con-

vinced now which one I shall

keep. The reception is so nat-

ural that if a listener did not see the radio he never could tell

that the music or voice was be-

ing reproduced. I feel I am very

fortunate in getting one of these new sets so early. Wishing you

success with your of radios, I am,
"A. J. Brune,
"Galion, Ohio."

"I just purchased one of your

Crosley 5-38 sets, and after try-

ing it out two nights must say

it is a pleasure producer beyond

"F. B. Stonesifer,

"Houston, Texas."

"Gentlemen :

"Grafton, Illinois."

"Marshall, Miller & Marshall,



FIVE TUBE R. F. L.—60

WITHOUT ACCESSORIES \$60.00

The R. F. L.-60 is a five tube set with a genuine R. F. L. circuit which provides true cascade amplification largely through the use. In each radio frequency stage, of a complete Wheatstone Bridge whose balance is practicaly uniform at all wave lengths. Non-oscillating at any frequency, non-radiating, and cannot be made to howl even if mishandled. Solid mahogany cabinet.

This, the most luxurious Crosley ever offered, is unique in the remarkable degree of selectivity it provides. Absolutely non- radiating and completely fool proof, Crosley R. F. L. sets are recommended for satisfactory performance in the hands of inexperienced operators. Stations can be accurately logged. The solid mahogany, duo-toned cabinet holds all batteries. Circuit is same as is used in the R. F. L.-60.



WITHOUT ACCESSORIES

### THE CROSLEY RADIO CORPORATION

## Crosley Sales and Service Manual

### SERVICE HINTS

three RCA storage-battery tubes, battery of six cells in series-paral-dealers should call the attention of page so that the newspaper editor the UX 200, UX 201-A, and UX 112; let instead of with only three cells the papers in which they advertise will have room to write in his own and three dry-battery tubes, the UX in series. 12, UX 19, and UX 120.

UX 112 are power tubes, designed types of tubes that may be used miliar with the service, and would ticles is that the whole story should for amplifier stages only. Since with each type of Crosley set: they require a higher "B" and "C" Model REL battery voltage than ordinary tubes. and since but one set of "B" and "C" battery terminals is provided in Crosley sets, they must be used in all amplifier stages when employed in connection with Crosley sets. In models 5-38, 4-29, and RFL, the radio-frequency amplifier tubes are not biased by the "C" battery, and the power tubes must not be used in them, therefore, since they cannot be used in the radio frequency stages without a "C" battery, and they cannot be used in the audiofrequency stages alone (in combination with other radio-frequency tubes), as they require a higher "B" battery voltage than other tubes, and but one set of amplifier 52 Models "B" terminals is provided. Thus the use of these tubes is confined to the 51 series, the 52 series, and the Trirdyns, in which they should only be used in all amplifier stages. The new four and five tube sets give sufficient volume with ordinary tubes so that the use of power tubes 51 Models in confunction with them is unnec-

UX 200, UX 200 is a detector tube. Its use is also confined to the older Crosley models, the 50, 51 and 52 series and the Trirdyn and 50 Models and Pup Pup. The sockets, and rheostat pro- 1 200, or visions have therefore not been made for handling UX 200. UX 200 1 WX 12.

mended for use in all sockets of only to the type of base and have store in connection with the name original drawings and photographs. use in all amplifier sockets of Trir- construction of the tube. Aside FACTS ABOUT RADIO TUBES These, in brief, are some of the dyns and 52's, when storage battery from the base, UX 201-A's are ex-

anced for 201-A tubes. The ques- base.

TYPES OF TUBES. Tubes are tion of which is better, UX 199's If his local papers publish radio of the store can be mentioned with

UN 201-A tubes in all stages. Model 5-38

UX 199 tubes in all stages, or WX .12 tubes in all stages. Model 4-29

WX 12 tubes in all stages.

1 200 and 2 201-A's, or 1 200 and 2 112's, or

3 199's, or

1 199 and 2 120's (112's or

1 200 and 2 201-A's, or 1 200 and 2 112's, or

3 199's, or

1 199 and 2 120's (112's, or

1 200 and 1 201-A, or

1 200 and 1 112, or

2 199's, or

UX 199 and WX 12. UX 199's 200's the same as UV 200's, UX and WX 12's may be used in any of 199's the same as UV 199's, and be stricken from one's mind in tion is desired about this phase of the Crosley sets with the exception WX 12's the same as WD 12's. The writing the article. It should be indirect advertising, the dealer of the RFL for which they are not new power tubes (UX 120 and UX prepared as a sincere attempt to should communicate with the Pubrecommended. The RFL is bal- 112) are supplied only with the UX provide useful and timely informaticity Department, The Crosley Ra-

UX 120 and UX 112. UX 120 and The following table shows the ice. Many newspapers are not fa-

Trirdyn Models

3 WX 12's, or

sockets.)

3 WX 12's, or

120's to be used in the last two

sockets.)

2 WX 12's, or

1 199 and 1 120.

1 199, or

actly the same as UV 201-A's, UX

### SALES HINTS

#### NEWSPAPER PUBLICITY

to the great number of interesting headlines. Table of Tubes for Crosley Sets. articles afforded them by the serv- Fourth, an old rule which is es-

> someone in the dealer's organiza- the "how." tion who can write good copy, he Fifth, there is a certain approx-

terest about which articles can be two times this long. written. Set owners are interested, Sixth, a one page story should writing a series on the "how and practice. why" of radio; and there are certainly a great many matters of local interest which may be made the subject of stories. The important point to keep in mind is that any article submitted to a newspaper for publication should be used wherever possible. Line cuts made from pen and ink drawings are best for this purpose. If halftone reproductions of photographs are used, they should be 60 to its readers.

By John Sebastion

The Capitol Radio Supply Co. tion for the public. Then the name dio Corporation.

divided into two general classes or WX 12's is largely a matter of pages, the dealer has an excellent the author's name, or inserted at according to the type of filament personal choice. In any of the opportunity to secure indirect ad- some convenient point in the story. battery with which they are to be sets which incorporate one or more vertising by means of publicity. Third, all copy should be typeused-dry cell or storage. For pur- stages of radio-frequency amplifica- stories. Hundreds of newspapers written, double spaced, on plain poses of discussion let us consider tion (such as the 5-38, 4-29, or Trir-throughout the country use articles paper. No headlines should be RCA and Cunningham tubes as dyn), UX 199 is probably to be pre- from the Crosley News Service written, as various newspapers have standard types, since tubes of most ferred. One point should be noted sent to them weekly from the fac- their own styles and customs for other makes follow the same speci- in connection with UX 199, that for tory. In towns where newspapers headlining, but sufficient space (say fications and are given practically most economical service it should devote considerable space to radio, one-fourth of a page) should be identical type numbers. There are be used in connection with an "A" and where this service is not used, left blank at the top of the first

> welcome its being sent to them, be told in brief in the first senonce they were introduced to it. tence, and then enlarged upon in Special articles supplied to the the sentences that follow. The first papers by the dealer himself are of sentence tells the "what, when, UX 201-A tubes in all stages, or great advertising value. If there is where, and why"; the others tell

> should certainly be encouraged to imate length of article which ap-UX 201-A tubes in all stages, or UX 199 tubes in all stages, or paper material as possible. In the of long association with this type preparation of newspaper articles of work, to be most popular among certain rules should be followed:
>
> First, do not write an article unsingle-column story should be from less you have something to write six to seven inches long. This corabout. It is unreasonable to ex- responds to an average page of pect a newspaper to publish an ar- typewritten copy, double spaced ticle which will not command the with no margin at the top for head-120's to be used in first and last attention of its readers. There are lining). A double column story certainly sufficient subjects of in-should be from one and one-half to

> > for instance, in important facts relating to tubes and batteries, and four paragraphs. Fewer than that to the care and operation of sets. number will make the paragraphs A discussion of interference and too long, and more than that num-various remedies for it will be of ber will make them too short. This real help to many persons. Then there is always the possibility of accordance with usual newspaper

Seventh, illustrations add greatly contain real information of interest or 85 line screen. Cuts for singleused as a detector, in combination with UX 201-A's in the Trirdyn, 52 series and 51 series will give the maximum of volume.

The UX and UV Sockets. Some via the minds of many individuals as the the difference between "UX" tubes and "UV"

Second, avoid writing in such a maximum of volume.

Second, avoid writing in such a maximum at the articles appear to be propaganda or advertising matter. Sufficient publicity is obtained to be propaganda or advertising matter. Sufficient publicity is obtained to be propaganda or advertising matter. Sufficient publicity is obtained to be propaganda or advertising matter. UX 201-A. UX 201-A is recom- tubes. The "UV" and "UX" refer through the mere mention of your prefer to have their own cuts made.

> most important factors concerned in the preparation of publicity All thought of publicity should stories. If any additional informa-

### Musicone Is Winner In Elimination Test **During Convention**

(Continued from Page 1)

was the solution of perfect reproduction of low notes. He also brought out the fact that there really are thirty-two magnets in the Musicone, as compared with one and two in other types.

The salesmen were advised to push the Musicones as strennously as possible and to point out to the distributors and dealers the advantages of their handling such a type of lond speaker exclusively.

### DAILY PROGRAMS

(Continued from Page 2)

(Continued from Page 2)

8:00 A. M.—Morning Devotions under the auspices of Parkway Y. M. C. A.

10:00 A. M.—Weather Forecast, River Stages, and Official Police Bulletin.

11:00 A. M.—Market Reports.

11:55 A. M.—Weather Forecast and Correct Time.

12:30 P. M.—Noonday Concert from the Hotel Gibson; orchestra under the direction of Robert Visconti.

"Silent Night"

(The Baldwin Plano)

WLW PROGRAM
The Crosley Radio Corporation,
Cincinnati, Ohio.
422.3 Metere—710 K. C.
Saturday, March 27th, 1926
Central Standard Time.

10:00 A. M.—Weather Forecast, River Stages, Market Reports, and Official Police Bulletin.
11:55 A. M.—Correct Time and Weather Forecast.
1:30 P. M.—Business Reports and Stock Quotations.

SELL YOUR CROP TOBACCO

AT THE

KENTON LOOSE LEAF TOBACCO WAREHOUSE Covington, Ky.

if you wish to BUY or SELL SECURITIES

Or own some about which you DESIRE INFORMATION COMMUNICATE WITH US Our Statistical Department is At Your Service

### WESTHEIMER & CO.

The New York Stock Exchange The Cincinnati Stock Exchange Telephone Main 567 326 Walnut Street

7:00 P. M.—Popular organ concert by Johanna Grosse, the Crostey organ Request Lady.
7:40 P. M.—Moeting of the Seckatary Hawkins Radio Club.
8:00 P. M.—Barnyard Symphonies by Uncle Charley Warner and his Coon Dog Orchestra from Georgetown, Ohio.
8:30 P. M.—Raradio; "A Step on the Staira."
Fifth act of the mysterious, thrilling radio drama by Robert J. Casey.

9:00 P. M.—Uncle Charlie Warner and His Orchestra. 9:30 P. M.—Popular dance from Castle Farm. (The Baldwin Plano)

The scraping of dials on the panel of a radio set can be corrected by placing thin discs of felt on the backs of the dials. They will then work smoothly without noise.

We broadcast daily 11:00 a. m. and 1:30 p. m.

Financial News

Market Reports.

Government Bond

Quotations

Call Money Rates

Foreign Exchange, Grain

and Live Stock

Ouotations.

Bond Department

THE

### FIFTH-THIRD

NATIONAL BANK of Cincinnati.

### ERUSLEX

RADIOS

Distributed by THESE JOBBERS

OHIO, KENTUCKY, INDIANA

The JOHNSON-ELECTRIC Supply Company
331 Main St. 232 E. Fifth St. CINCINNATI

Radio and Electrical Supplies of Quality Write Us for Dealer Proposition

**ILLINOIS** 

#### National Supply Co.

CROSLEY Sets, MUSIC MASTER reproducers, TOWER headests, EVEREADY batterles, and complete line of Supplies.

# The Fastest Selling Radio Reproducer On the Market!

IT'S A

### **CROSLEY MUSICONE**



Crosley Musicones are being sold to owners of all types of radio receiving sets. Thousands of persons are purchasing them to take the place of other loud speakers, realizing the Musicones give absolutely perfect service. Every note, from the highest to the lowest, is reproduced exactly as broadcast. ance it has no equal, in efficiency it is a leader in the field and it is priced exceptionally low. There is no sales resistance. Feature the Musicone and prosper.

The Crosley Radio Corporation CINCINNATL