

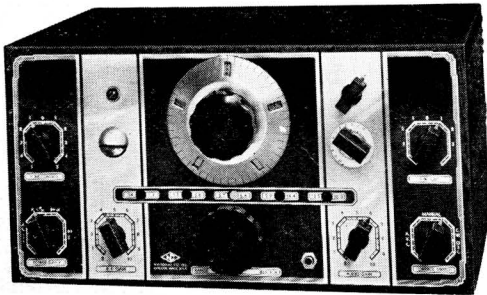
THE NEWARK WAY — IS THE EASY WAY TO BUY A COMMUNICATION TYPE RECEIVER

on All Popular Short-Wave Receivers

NEWARK offers to responsible persons an unusual budget payment plan. You can put any of these brand new record smashing short wave receivers in your home for as little as \$14.50 down. Take care of the rest with easy monthly payments — but start now to enjoy the benefits of modern short wave reception.

SAVE MONEY by writing today. Our finance rates have been greatly lowered. These prices are subject to change without notice. A week's delay may cost you money. Set is shipped in approximately one week from receipt of your down-payment. Please specify whether six, nine or twelve months when ordering.

NATIONAL CO. COMMUNICATION TYPE RECEIVERS



NC-100 and 100X
Full Coverage—540 to 30,000 KC
\$125.10

OUTSTANDING FEATURES

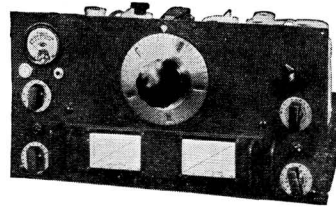
- 12 tubes — ten metal and two glass
- Individual built-in plug-in coils shifted by knob on front panel
- One stage R.F. — two stages I.F.
- P.P. Pentode 10 watt Audio-Output
- Full AVC Circuit
- Built-in power supply
- Single and doublet Antenna Connections
- Latest type Single Signal Crystal Filter
- Electric Eye Tuning Indicator
- Large Speaker in Metal Cabinet to match
- National's Famous Micrometer dial
- Tone Control
- Send-Receive Switch

A YEAR TO PAY — THE NEWARK WAY!

NC-100	
Cash Price	\$125.10
Down Payment	20.10
Six Monthly Pay.....	18.58
Nine Monthly Pay.....	12.50
Twelve Monthly Pay.....	9.47

NC-100X With Crystal Filter	
Cash Price	\$147.60
Down Payment	27.60
Six Monthly Pay.....	21.10
Nine Monthly Pay.....	14.21
Twelve Monthly Pay.....	10.80

These are the New Prices effective February 15th, 1937



HRO DE LUXE
Complete Band Spread Coverage
1700 KC to 30,000 KC
\$179.70

OUTSTANDING FEATURES

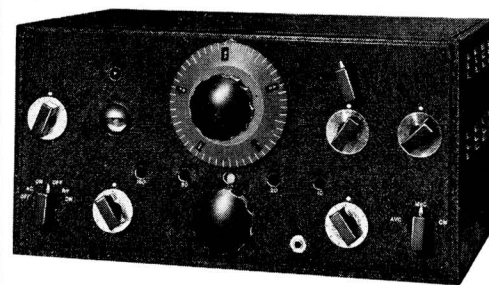
- Nine Tubes, not including rectifier.
- Two preselector stages.
- Single Signal (Crystal Filter) standard equipment.
- Ganged Plug-in coils, each coil individually shielded.
- Strictly single-control Tuning.
- Calibration for each range mounted on coil.
- Four gang precision condenser, with preloaded worm-drive tuning, 20:1 ratio.
- Micrometer dial, spreading tuning over 500 divisions, numbered every 10 divisions, direct reading.
- Automatic or Manual Volume Control.
- Vacuum Tube Voltmeter with Instrument calibrated in R scale of carrier intensity.
- Electron Coupled, air padded oscillators.
- Two I. F. stages with Litz-wound coils, air condenser tuned.
- Beat Frequency Oscillator for "Offset" C. W. Tuning.
- Phone Jack on Panel.
- Relay rack mounting available, add \$13.30 to net.

Tubes Used: 2½ volt type — 4-58, 3-57, 1-2B7, 1-2A5.

HRO DE LUXE—with factory matched tubes, less Power Pack and speaker. Net.....\$179.70
TYPE 5897 Power Supply—2½ Volts. Net..... 15.90

DE LUXE HRO less Power Supply	
Down Payment	\$29.70
Six Monthly Pay.....	26.14
Nine Monthly Pay.....	17.67
Twelve Monthly Pay.....	13.45

DE LUXE HRO with Power Supply	
Down Payment	\$35.60
Six Monthly Pay.....	27.84
Nine Monthly Pay.....	18.83
Twelve Monthly Pay.....	14.33



NC-101X
National's Newest! Wide Band Spread
\$129.00

Designed strictly for the amateur bands, this receiver provides all the necessary features required by this specialized field.

One R.F. and two I.F. stages are employed in the 12 tube circuit which includes the 6E5 tuning indicator tube. Single Signal crystal is standard equipment. Separate controls are provided for Selectivity, Phasing, R.F. Gain, Audio Gain, Tone, C.W. Oscillator and AVC.

Quick band change is effected by the same coil shifting mechanism as used in the NC-100. Each of the five Amateur bands are spread over 400 divisions on the Dial. Special S.F.L. condenser plates, double spaced, insure exceptionally low temperature drift. The receiver (self contained except for the speaker) may be readily converted for relay rack mounting with brackets.

FEATURES

- Five band spread ranges: 1.7-2.0 Mc., 3.5-4.0 Mc., 7.0-7.3 Mc., 14.0-14.4 Mc., 28.0-30.0 Mc.
 - Strictly single control tuning
 - Automatic plug-in coils
 - Micrometer dial
 - Tuning indicator
 - Amplified, delayed AVC
 - Crystal Filter
 - C.W. Oscillator
 - Two I.F. stages, 12 tubes
 - Power output 10 watts
 - Built in power supply, 10" dynamic speaker
- Type NC-101X**—Receiver—complete with tubes, power supply and 10" dynamic speaker chassis. Cash Price \$129.00
Type RRA—Relay Rack Adapters, Price, per pair....\$1.50

NEWARK BUDGET PLAN

Down Payment	\$24.00
Six Monthly Pay.....	18.58
Nine Monthly Pay.....	12.50
Twelve Monthly Pay.....	9.47

HAMMARLUND PRECISION SUPER PRO RECEIVER

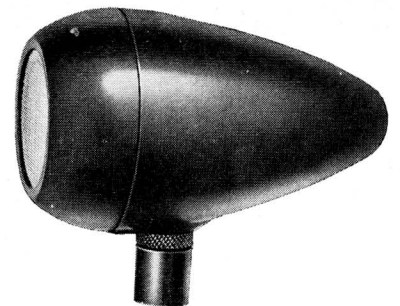


NEWARK BUDGET PAYMENT PLAN

Super Pro Standard Model		Super Pro Crystal Model	
Down Payment	\$29.14	Down Payment	\$35.70
6 Monthly Pay.....	36.35	6 Monthly Pay.....	38.08
9 Monthly Pay.....	24.61	9 Monthly Pay.....	25.78
12 Monthly Pay.....	18.75	12 Monthly Pay.....	19.64

There are many exclusive features in the new "Super-Pro." Two stages of tuned R.F. on all bands, permitting maximum image suppression. Continuous variable selectivity from 3 to 16 kc. by means of a directly calibrated band width control on the front panel. Sensitivity is so great and fidelity so faithful that many large broadcasting stations use the receiver exclusively for rebroadcast purposes. For C.W. a calibrated beat oscillator control has also been included with which it is possible to select a beat note of between 0 to 2500 cycles on either side of the zero beat. A major feature is the band spread system with a 12 gang condenser which spreads each amateur band over practically the entire dial. The "Super-Pro" cam-operated knife switch is noiseless and fool-proof. In the tuning unit are 20 laboratory adjusted tuning coils on Isolantite bases, a four-gang main condenser and a 12 to 1 ratio direct reading dial calibrated in Mc. and Kc. with accuracy of 1/2%. Complete coverage from 20 Mc. to 340 Kc. 8 glass and 8 metal tubes. Other features include electrostatic shielded input; four air-tuned I.F. transformers; three audio stages; visible tuning meter; AVC and Manual Gain control; C.W. Modulation switch; speaker-phone switch; separate grid bias supply, etc. A crystal filter model is also available providing variable selectivity from the knife-like point desired for C.W. to a wider degree of selectivity required for practical phone reception.

The "Super-Pro" receiver consists of two units—receiver and power unit. Receiver in metal cabinet is 18½" wide x 14¾" deep and 10½" high. Power supply in metal cabinet is 13" wide, 7½" deep and power unit.
1937 SUPER PRO—Complete, Crystal, Speaker, Tubes\$255.70
1937 SUPER PRO—Complete with Speaker, Tubes 239.14



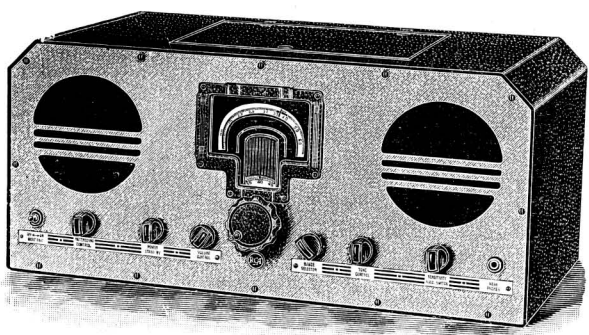
TRANSDUCER BULLET MIKE

The Microphone sensation of the year. New—higher gain—40DB. Dynamic type. Semi-directional. Rugged construction. Size 5"x3". Weight 2 lbs. Flat black finish.

No. TR-3—High Impedance type.....\$14.40
DESK STAND—Chrome finish 2.20

A YEAR TO PAY... THE NEWARK WAY!

BUY ALL OF YOUR PARTS AND TUBES ON NEWARK'S BUDGET PAYMENT PLAN



ACR
155
\$74⁵⁰

NEW! RCA NEW! Amateur Communication Receiver

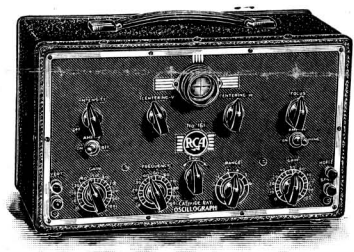
The New RCA ACR-155 Amateur Communication Receiver incorporates a number of features representing distinct advances in the art of Radio Communication. The design of the ACR-155 has been determined by a desire to produce a receiver of good sensitivity, selectivity and superior operating characteristics at a price making it the outstanding value in its field. Grey crackle finish.

- Continuous coverage 520 to 22,000 KC.
- 9 Metal Radiotrons
- Accurately calibrated selector dial
- Calibration — spread dial for accurate logging
- 100 to 1 Vernier Band — Spread Tuning drive
- Adjustable, air-dielectric RF trimmers
- Cabinet 24⁵/₈" x 10⁷/₈" x 12³/₈" — fine gray wrinkle finish
- Built-in power supply
- Pre-selection
- Six inch electro-dynamic Speaker
- AVC switch — BFO — Send-Receive Switch

NEWARK BUDGET PAYMENT PLAN

Complete with tubes and speaker

Down Payment	\$14.50
6 Monthly Pay.....	11.00
9 Monthly Pay.....	7.39



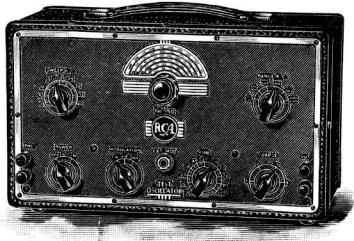
NEW! RCA NEW! CATHODE RAY OSCILLOGRAPH

The Modern X-Ray of Radio. The one instrument that every amateur needs. Enables you to adjust the RF and AF sections of your Transmitters visually, making possible much greater efficiencies and better Audio quality. Indispensable for correct alignment of receivers. The new No. 151 incorporates the following features: Uses New 913 tube; High Sensitivity; Vertical and Horizontal Amplifiers with individual controls; Linear Timing axis; Individual centering controls; sharp focus; Tubes used 1-913, 1-885, 2-6C6, 1-80.

RCA NO. 151—Oscillograph\$47.50

NEW! RCA NEW! Electronic Sweep Test Oscillator

Ideal for every application in which a wide frequency range test oscillator is needed. Adaptable for use with all types of Cathode Ray Oscillographs in alignment, eliminating the need for a separate frequency Modulator. Direct reading 4 inch dial rotating 340 degrees, spreads the six fundamental frequency ranges over a total scale length of 45 inches. Features: Freq. range 90 KC to 32,000 KC — fundamentals not Harmonics; Modulation Amplitude 400 cycles 30%, calibrated control. Direct reading dial — calibration 1% accurate. Complete with tubes: 1-6A7, 1-6F7, 2-6C6, 1-80.



RCA NO. 150—Oscillator\$64.50

NEW METAL RACKS—CABINETS ENCLOSED RELAY RACKS

Completely enclosed racks that will give a "professional appearance" to transmitters, P. A. Systems, etc. They are constructed of heavy sheet steel, substantially reinforced. Louvres in the sides and screen sections in the back provide ample ventilation. Removable hinged door in the back. Panel mounting holes accurately drilled every 1³/₄", tapped for 10/32 screws. Shipped knocked-down with all necessary nuts and bolts for easy assembly. Finished in durable black crystalline enamel. Dress up that new rig!

- No. ER-205—Illustrated—overall size 66¹/₂"x21"x15¹/₄". Panel space 61¹/₄"x19". Clear Inside Depth 14¹/₄". Shipping weight 120 lbs.\$26.17
- No. ER-203—Overall size 42"x21"x15¹/₄". Panel space 36³/₄"x19". Clear inside depth 14¹/₄". Shipping weight 75 lbs.....\$19.70
- RACK SHELF—Designed to fit above Racks—mount inside rack with side bolt mounting. One inch high and 12" deep.
- No. ER-2012\$1.75

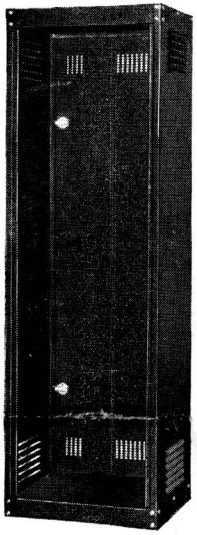
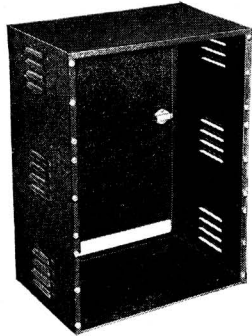


TABLE CABINETS



Ideal for small Transmitters, Receivers, etc. Drilled and tapped to fit standard 19" rack panels and may be used with any chassis up to 15"x17". Cabinets are rigidly constructed of ³/₁₆" cold rolled sheet steel with all joints electrically welded. Louvres provide ventilation through sides and backs. Piano type hinges on top doors with snap-action catches. Black crystalline enamel finish.

QUAD UNIT—Cabinet for four 8³/₄" panels. Door on rear only. Size 35"x19"x13".

No. SC-3513\$11.76

TRIPLE UNIT—For three 8³/₄" panels. Door on rear only. Size 26¹/₄"x19"x13".

No. SC-2613\$9.70

DOUBLE UNIT—Cabinet for two 8³/₄"x19" panels. Has door in top and in rear. Size 17¹/₂"x19"x13".

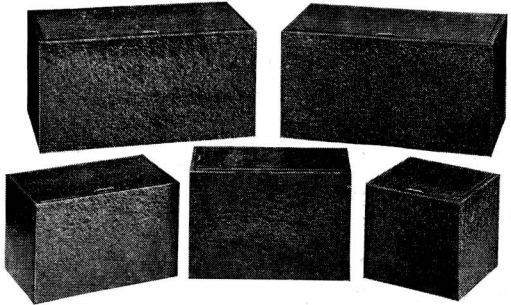
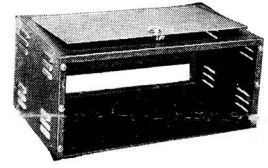
No. SC-1713\$9.11

RECEIVER CABINETS

Same general features as the units listed above.

SINGLE UNITS

- No. SC-128—Cabinet for single 8³/₄"x19" panel. Door in top only. 13" deep.....\$5.17
- No. SC-1210—Cabinet for single 10¹/₄"x19" panel. Door in top only. 13" deep.....\$6.32



NATIONAL COMPANY QUALITY METAL CABINETS

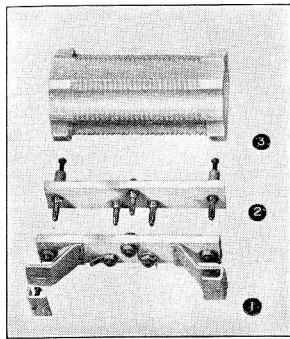
The National Receiver Cabinets illustrated above, are for use in constructing special equipment. Prices include sub-bases and bottom covers.

	Width	Height	Depth	Price
Type C-SW3	9 ³ / ₄ "	7"	9"	\$3.30
Type C-NC100	17 ¹ / ₄ "	8 ³ / ₄ "	11 ¹ / ₄ "	5.10
Type C-HRO	16 ³ / ₄ "	8 ³ / ₄ "	10"	5.10
Type C-One-Ten	11"	7"	7 ¹ / ₄ "	2.70
Type C-SRR	7 ¹ / ₂ "	7"	7 ¹ / ₂ "	2.10

NATIONAL — HAMMARLUND

New Products — New Prices

Several new items of great merit have been added to these two outstanding lines. We are illustrating the new merchandise and listing the apparatus that changed prices on February 15th, 1937. Refer to our 1937 catalog for full information on these items. Remember—all Distributors must bill you at these new increased prices. This is the first bulletin sent out by any Distributor showing these New Prices—we want our customers to know the correct prices and you'll save yourself a delay by ordering from this bulletin at these prices.



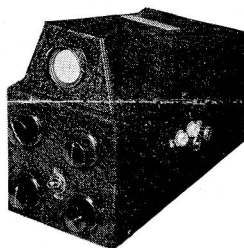
NEW NATIONAL Plug-In Base and Socket

The new UR-10A Assembly consists of the familiar XR-10A Coil Form (figure 3) and the new Isolantite Plug-In Base and Socket (figures 2 and 1 respectively). The Plug has five prongs and is easily attached by two screws to the Coil Form or may be used alone as a base for air wound coils. The socket, with five matching jacks, is supplied with special attachments for mounting directly on the tie bars of our TMA Transmitting Condenser.

Type UR-10A Coil Form Assembly. Price...\$2.76
Type XR-10A Coil Form (20 or 40 Meter) only. Price.....\$0.90
Type PB-15 Plug-In Base only. Price.....\$0.81
Type XB-15 Socket only. Price.....\$1.05

NATIONAL Cathode Ray Oscilloscope

This small inexpensive Oscilloscope is built around the new RCA 913 tube. Self-contained, measuring only 4 1/2" x 6 1/2" x 8", it is readily portable and ideal for transmitter adjustment and modulation checking. The one inch viewing screen is ample for ordinary work such as checking receivers and transmitters. A self-contained 60 cycle sweep is provided, or, if desired, an audio signal from the apparatus under test may be used. A descriptive bulletin is available. Type CRM, less tubes,



\$11.10

Tubes required: 1-913, 1-6X5.

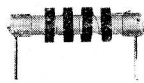


PLUG-IN BASE AND SHIELD

The low-loss R-39 base has prongs moulded in for easy plug-in mountings. This unit is ideal for mounting condensers and coils when it is desirable to have them shielded and easily removable from a circuit. Four mounting holes that match our UM condenser are provided. The Aluminum Shield can is 2" x 2 3/8" x 4 1/8". Two models are available. Type PB-10 (either 5 or 6 prong). Price.....45c
Type PB-10A Plug-in Base only (either 5 or 6 prong)..24c

NATIONAL R-100 R. F. CHOKE

The most popular piece of Ham apparatus made. D.C. Resist. 50 ohms. Dist. Cap. 1 mmf. 2.5 millihenries
125 M. A. R-100.....36c



NEW NATIONAL PRICES

(These Prices in Effect February 15th, 1937)

TRANSMITTING CONDENSERS

See Page 10 Newark's Catalog

TMS-100	\$1.50
TMS-150	1.65
TMS-250	1.80
TMS-300	2.16
TMS-50D	2.25
TMS-100D	2.70
TMSA-35	1.80
TMSA-50	1.95
TMC-50	2.40
TMC-100	2.70
TMC-150	3.15
TMC-300	3.90
TMC-100D	4.50
TMA-300	7.20
TMA-200D	9.00
TMA-50A	3.90
TMA-100A	6.00
TMA-150A	7.20
TMA-230A	9.60
TMA-50DA	6.60
TMA-100DA	10.50
TMA-100B	8.10
TMA-150B	10.20
TMA-60DB	11.10
TMA-50C	4.80
TMA-100C	8.70
TMA-40DC	8.10
TML-75E	15.60
TML-150D	15.90
TML-100D	14.10
TML-50D	9.90
TML-25DD	12.60
TML-245B+	17.10
TML-150B+	15.60
TML-100B+	15.00
TML-75B+	10.80
TML-50A+	21.00
TML-350A+	16.80
TML-250A+	15.60
TML-30DE	15.90
TML-60DD	17.10
TML-100DB+	18.90
TML-50DB+	16.50
TML-200DA+	21.00
TML-100DA+	17.10

Other Condensers

See Pages 10-11 Newark's Catalog

EMC-150	\$ 1.95
EMC-250	2.25
EMC-350	2.55
EMC-500	2.85
EMC-1000	4.35
EMCd-350	4.50
TCN-25	2.40
NC-150	3.90
NC-500	7.50
PW-1	9.00
PW-2	12.00
PW-3	14.40
PW-4	16.50

COIL FORMS

See Page 12 Newark's Catalog

XR-12A	\$1.50
UR-13	1.50
XR-13	.66

Power Supplies

See Page 5 Newark's Catalog

5886	\$17.70
5880	17.70
3580	13.50

Oscilloscope

See Page 5 Newark's Catalog

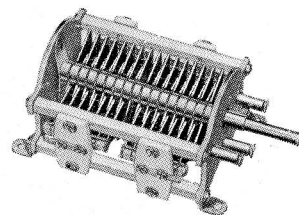
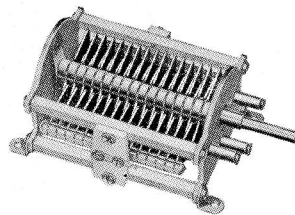
CRO	\$19.50
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Insulators

See Page 13 Newark's Catalog

GS-3	\$0.54
GS-4	.66
GS-6	.27
GS-7	.45
GS-8	.21
GS-9	.30
AA5	.18
AA6	.21
XS-1—Pr.	.45
XS-2—Pr.	.54
XS-6	.09

NEW HAMMARLUND CONDENSERS



A New Line of Transmitting Condensers scientifically designed and ruggedly built. Features include Heavy Aluminum Plates, Isolantite Insulation and improved Silver-Plated Wiper Contact. Small in size and light in weight.

STANDARD TYPES

Type	Capacity	Plates	Plate Spacing	Depth	Price
MTC-35-A	35 mmf.	15	.171"	4 3/8"	\$3.29
MTC-20-B	20 mmf.	5	.070"	2 3/8"	1.68
MTC-35-B	35 mmf.	7	.070"	2 3/8"	1.82
MTC-50-B	50 mmf.	11	.070"	2 3/8"	2.06
MTC-100-B	100 mmf.	21	.070"	3 3/8"	2.70
MTC-150-B	150 mmf.	31	.070"	4 3/8"	3.35
MTC-50-C	50 mmf.	5	.031"	2 3/8"	1.41
MTC-100-C	100 mmf.	11	.031"	2 3/8"	1.56
MTC-150-C	150 mmf.	15	.031"	2 3/8"	1.65
MTC-250-C	260 mmf.	25	.031"	3 3/8"	1.88
MTC-350-C	365 mmf.	35	.031"	3 3/8"	2.12

SPLIT-STATOR TYPES

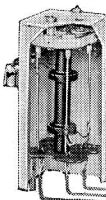
Type	Cap. Per Sec.	Series Cap.	Plates Per Sec.	Depth	Price
†MTCd-20-B	20 mmf.	10 mmf.	5	3 3/8"	\$2.94
†MTCd-35-B	35 mmf.	18 mmf.	7	3 3/8"	3.23
†MTCd-50-B	50 mmf.	25.5 mmf.	11	3 3/8"	3.70
†MTCd-100-B	100 mmf.	51 mmf.	21	5 3/4"	5.00
†MTCd-50-C	50 mmf.	25.5 mmf.	5	3 3/8"	2.41
†MTCd-100-C	100 mmf.	51 mmf.	11	3 3/8"	2.70
†MTCd-150-C	150 mmf.	77 mmf.	15	3 3/8"	2.83
†MTCd-250-C	265 mmf.	135 mmf.	25	4 3/8"	3.35

†Polished round edged plates .025" thick—.070" plate spacing.
‡Standard type plates .025" thick—.031" plate spacing.

Hammarlund Iron Core IF's

New—better. High gain, sharp selectivity and less tube noise are features obtained. Isolantite base Trimmers. Size 1 3/4" square by 4 1/8" high.

Type	Frequency	Type	Price
ICT-1	465 Kc.	Single Stage Input	\$1.76
ICT-2	465 Kc.	Single Stage Output	1.76
ICT-3	465 Kc.	Two Stage Input	1.76
ICT-4	465 Kc.	Two Stage Interstage	1.76
ICT-5	465 Kc.	Two Stage Output	1.76



VITREOUS ENAMEL RESISTORS

WELL KNOWN PYROHM

A lucky buy passed on to you—you'll like them—They're real Quality.

ROCK BOTTOM PRICES!

Type 992	Type 992	Type 994	Type 996-4	Type 996-5	Type 996	Type 998	Type 999
15-Watt	Contd.	32-Watt	60-Watt	75-Watt	Contd.	200-Watt	300-Watt
Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
50	1350	100	100	175	750	100	1000
60	1400	150	150	250	800	250	2000
80	1750	175	250	350	850	500	3000
100	1800	200	300	500	1000	750	5000
145	1850	700	500	700	1200	1000	7000
150	2000	750	700	1500	1500	2000	10,000
300	2200	1000	900	2000	2500	2500	15,000
375	2250	1500	1000	3000	3000	5000	20,000
400	2400	2000	2000	5000	3500	6000	25,000
450	2500	2250	2500	10,000	5000	7000	40,000
550	2750	2500	3000	15,000	6000	7500	50,000
600	3000	3000	3200	20,000	7000	10,000	60,000
650	3250	3500	4000	25,000	7500	15,000	75,000
700	3500	4000	7000	30,000	8000	20,000	100,000
750	3750	4500	9000		10,000	25,000	
800	4500	5500	11,500		12,000	30,000	
850	5000	7300	13,000		12,500	40,000	
900	5500	8000	17,500		15,000	45,000	
1100	6000	10,000	18,000		17,500	50,000	
1200	6500	17,500			20,000	60,000	
1250	12,500				22,500	70,000	
					100	25,000	
					150	30,000	
					200		
					250		
					300		
					350		
					500		

10c 10c 20c 30c 55c 55c 80c 94c

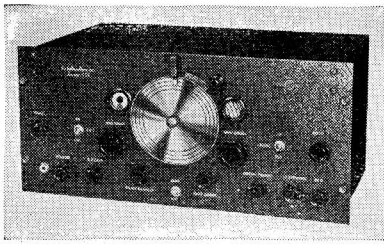
YOU MAY DEDUCT ADDITIONAL 10% ON RESISTORS ONLY IN LOTS OF TEN OR MORE ASSORTED

There is a limited amount of the above specials listed and would suggest ordering at once. Orders will be filled in order received. As some of these quantities are limited, would advise giving second choice.

No C.O.D. orders accepted for less than \$1.00. Include postage with orders.

WHY DELAY ?

Amateur Radio Is Now a Year-Round Hobby!
Get That New Receiver on the Newark Budget Payment Plan



SUPER SKY RIDER 11 Tubes

Model S-11 Complete Model SX-11, With Crystal
\$89.50 **\$99.50**

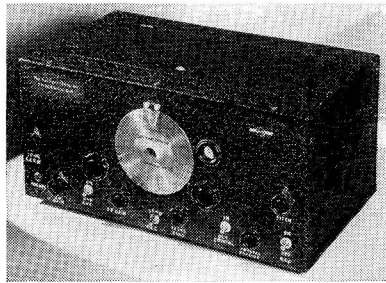
THE NEW 1937 SUPER SKY RIDER
Now With 11 Tubes—Even Finer Performance
and Added Features

With Eleven Tubes, Selectivity beyond last year's model, Greater Sensitivity and a new high fidelity power output (17 Watts Max.), this new receiver has reached greater heights in performance. Many new features add to its efficiency and convenience in operation. Now the Super Sky Rider is more than ever before the "perfect" receiver for the amateur.

● 11 Tubes—10 of them metal. ● 40 M. C. to 535 K. C. in 5 Bands. ● 338 degree main tuning dial. ● Electro-Mechanical Band Spread. ● 14 Watts Undistorted Output. ● Direct Calibration Tuning—No Charts or Tables. ● Field Strength Indicator—Magic Eye. ● Improved 10 meter performance. ● Single Signal Crystal Action. ● 465 K. C. Iron Core I. F. for improved selectivity. ● Ceramic Insulation. ● Illuminated Dials. ● Full AVC.

TIME PAYMENT PRICES Speaker \$12.00 extra

S-11		SX-11	
Down Payment	\$14.50	Down Payment	\$19.50
6 Monthly Pay.	13.52	6 Monthly Pay.	14.36
9 Monthly Pay.	9.09	9 Monthly Pay.	9.66
12 Monthly Pay.	6.87	12 Monthly Pay.	7.30



New! New! SKY CHALLENGER 9 Tubes

Model S-15 Model SX-15
\$69.50 **\$79.50**
Less Speaker With Crystal
 Less Speaker

HALLICRAFTER'S NEWEST SET!

The Sky Challenger sets the pace in outstanding performance and value. Five bands—covers all bands from 40,000 KC to 535 KC. No gaps—no dead spots. Smooth Electrical band spread is used. Two Iron Core 465 KC IF's. Air Trimmed RF's. Nine tubes—six of them metal. AVC. Send-Receive switch. Beat oscillator control on panel.

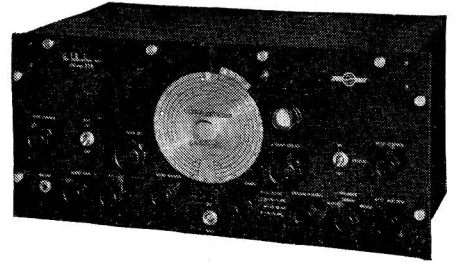
● Nine tubes—Six of them Metal. ● 5 Bands covering 540 to 40,000 KC. ● Full Electrical Band Spread. ● Two Iron Core IF Stages. ● Air Trimmed RF Stage. ● Single Signal. ● Send-Receive Switch. ● Single or Doublet Antenna Connections. ● 4 watts Audio Output. ● Headphone Jack. ● AVC. ● AF and RF Gain Controls. ● BFO varied on front panel.

PERMANENT MAGNET SPEAKER — IN CASE

\$9.50

NEWARK BUDGET PAYMENT PLAN

Model S-15 with Speaker		Model SX-15 with Speaker and Crystal	
Down Payment	\$19.00	Down Payment	\$19.00
6 Monthly Pay.	11.00	6 Monthly Pay.	12.68
9 Monthly Pay.	7.39	9 Monthly Pay.	8.53
12 Monthly Pay.	5.58	12 Monthly Pay.	6.44



ULTRA SKY RIDER

A Precision Built Communication Receiver for
Ultra High Frequencies 79,500 KC to 5650 KC
4 Bands

Model S-10 Model SX-10
Less Speaker and Crystal with Crystal, Less Speaker
\$99.50 **\$114.50**

The Ultra Sky Rider is a specially designed receiver for Ultra High Frequency use. Incorporates every needed and desirable feature to give it outstanding performance. Complete, wider-than-usual Band Spread using Duo-Micro-Vernier illuminated dial. Note these features.

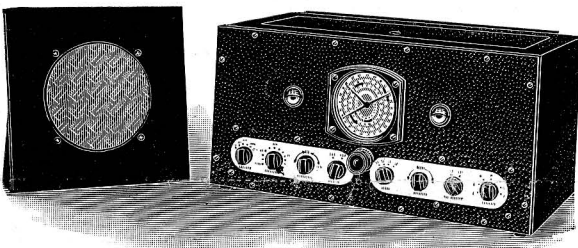
● Lamb Noise Silencer Control. ● IF Expander. ● Iron Core IF's—1600 KC—Air Trimmers. ● Steatite Sockets and Insulation. ● RF and AF Gain Control. ● Full AVC. ● Send-Receive Switch. ● BFO Controlled from Panel. ● Single or Doublet Antenna Connections. ● Tone Control.

PERMANENT MAGNET SPEAKER — IN CASE

\$12.00

NEWARK BUDGET PAYMENT PLAN

Model S-10 Less Speaker		Model SX-10 Less Speaker	
Down Payment	\$14.50	Down Payment	\$19.50
6 Monthly Pay.	15.21	6 Monthly Pay.	16.90
9 Monthly Pay.	10.23	9 Monthly Pay.	11.37
12 Monthly Pay.	7.73	12 Monthly Pay.	8.59



BUDGET PAYMENT PLAN

Down Payment	\$19.50
Six Monthly Payments	17.74
Nine Monthly Payments	11.93
Twelve Monthly Payments	9.02

NEW! RCA ACR-175 NEW!

\$119⁵⁰

This truly all-wave communication-type receiver has made a real hit in amateur circles. Hundreds of them are in daily use on the Ham Bands and from every side we have heard the highest praise for its outstanding performance on all bands. You'll really like the ACR-175!

- 5 to 600 meters.
- Crystal Filter.
- Electron-ray tube tuning and signal strength indicator.
- Signal input read directly in micro-volts.
- Iron Core I. F. Transformers.
- All metal tubes.
- Eleven tubes—2 I.F. stages.
- Improved A.V.C.
- Greater band-spread.
- Separate 8-inch dynamic speaker.
- Pre-selection.
- Band change by switch.

- Unusual stability.
- Iron core heterodyne oscillator calibrated in kilocycles.
- Audio tone control.
- Unique stand-by pilot light.
- Velvet drive tuning control—no back lash.
- Direct reading, calibrated dial.
- Accurate logging.
- Two speed, positive dial drive.
- All controls on front panel.
- Headphone Jack.
- Built-in power supply.
- Power Transformer operates on 25 to 60 cycles.

RME-69 SINGLE SIGNAL SUPER

The RME-69 is the 1936 successor to the famous RME-9D. This precision-built communication type receiver has proven to be one of the very best in performance. Now features continuous band-spread tuning on six bands from 9 to 550 meters. The amateur bands are grouped for a minimum amount of tuning. New, large, improved dials. Built-in monitor for both phone and C. W. Heavy black crackle finish metal cabinet is 19 in. long, 10½ in. deep and 9 in. high. Has calibrated microvolt "R" meter. Uses the expensive electrical (condenser) system of band-spreading. Uses 6.3 volt tubes as follows: 6D6 R.F. amplifier, 6D6 oscillator, 6C6 first det., to 6D6 I.F. amplifiers, 6B7 second det., A.V.C., and first audio, 6D6 B.F. osc., 42 A.F., output and 80 rectifier—nine tubes in all. Has single signal crystal filter (Bliley 456 Kc.) as standard equipment. Has the following front panel controls: Line switch and tone control combined, beat freq. osc. adjustment, headphone jack, manual gain control, resonator control, band change switch, volume, A.V.C. and send-receive switch combined, beat osc. on-off switch, crystal selectivity control and crystal filter switch as well as the two main tuning controls. Can be purchased with RME Lamb Silencer installed — \$11.40 extra.

NEW! RME PRE-SELECTOR

2 stage all-wave Pre-Selector using 2-6K7's and 1-80. Cabinet is identical in design and finish to the regular RME-69 cabinet and matches it in every detail. Average gain uniform between 20 to 25DB.

No. DB-20—with tubes.....\$42.60

(Can be purchased with your RME-69 on time payments)

9 to 550
Meters

\$151²⁰

COMPLETE



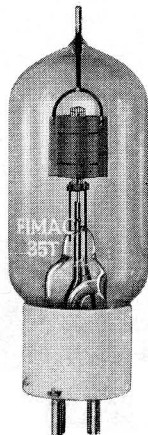
BUDGET PAYMENT PLAN

Down payment	\$26.20
Six Monthly Payments	21.94
Nine Monthly Payments	14.77
Twelve Monthly Payments	11.25

NEW TUBES! NEW TUBES! NEW TUBES!

Yes—Newark always has the New Transmitting Tubes in stock as soon as they are announced. Here's all the new tubes—on the market since our last catalog—and—Remember—if you see a new tube advertised in QST or Radio—NEWARK HAS IT IN STOCK!

NEW EIMAC TUBES—35T



A popular tube with extremely low inter-electrode capacities. Uses the famous Tantalum as electrodes. Small in size, but mighty in Power.

Fil. Volts 5.0 to 5.1
 Fil. Current..... 4 Amps.
 Amp. Factor 30
 Max. Plate Current... 150 M.A.
 Max. Plate Dispt.... 70 Watts
 Normal Plate Dispt.... 35 Watts
 Max. Plate Volts..... 2000

\$8.00

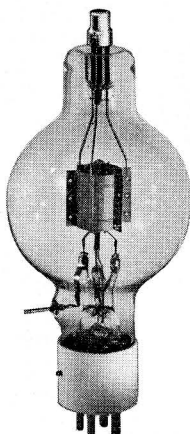
100TH

Easy to excite, this tube makes an ideal Class C RF Tube, a Class B Modulator tube or Doubler. At 75% efficiencies up to 300 watts output can be obtained. A pair will deliver 500 watts of Audio in Class B at 2000 Volts.

Fil. Volts 5.0 to 5.1
 Fil. Current 6.5 Amps.
 Amp. Factor 30
 Max. Plate Current... 225 M.A.
 Max. Plate Volts..... 2000
 Plate Dissipation..... 100 Watts

100TL—Same as old 50T and like New 100TH except Amp. Factor is 12.

100TH-100TL
\$13.50



250TH-250TL

Improved design—easier to excite. 250TH has high Amp. Factor requiring lower bias. Excellent all-purpose tube. Can be operated as a zero bias Class B Audio Modulator.

Fil. Volts 5.0 to 5.1
 Fil. Current 10.5 Amps.
 Amp. Factor (250TH)..... 32
 Amp. Factor (250TL)..... 13
 Max. Plate Current... 350 M.A.
 Max. Plate Volts..... 2000
 Plate Dissipation..... 250 Watts

The 250TL replaces the old 150T with increased efficiencies and power.

250TH—250TL \$ 24.50
 EIMAC—300T 60.00
 EIMAC—500T 175.00

RAYTHEON 6L6G ISOLANTITE BASE

This tube is the exact equivalent of the Metal 6L6 except it is a glass tube. The 6L6G has many fine uses in Amateur Xmitters and offers real power at a low cost. Six prong base \$1.90

RAYTHEON X-10

This is the regular Raytheon type 10 except it has an Isolantite base. At this low price, here is a real value in Xmitting tubes.... \$1.90

NEW THORDARSON TRANSFORMERS

For the 913 Oscilloscope

T-9225—Sec. Volts 500 D. C. tap at 430, Current 3 M. A. 6.3 Volts at .9 Amps. 2F Mtg. 2 3/8" x 2" x 2 1/8"..... \$1.32

T-9233—Sec. Volts 400 D.C. — 15 M.A., 500 D.C. — 3 M.A., 6.3—9 Amps., 6.3—6 Amps., 6.3—6 Amps., 2.5—1.4 Amps., 2G Mtg. 3 3/4" x 3 1/4" x 4 3/8"..... \$2.35

Outputs for 6L6's

T-8975—6L6 P.P.—Pri. 3800 Sec. 4-8-15-500 ohms. Handles 40 watts audio. 2F Mtg. Size 3 1/2" x 2 7/8" x 3" \$2.35

T-8974—6L6—Pr. 4000 Sec. 4-8-15-500 ohms. 15 watts audio. 2F Mtg. Size 3" x 2 1/2" x 2 1/2"..... \$2.20

T-8968—6L6 P.P. Par. Pri. 3300 Sec. 50-125-200-250-333-500 Ohms. 75 Watts Audio. 2G Mts. 4 7/8" x 3 9/32" \$3.53

Taylor Tubes

NEW T-20



Outstanding value for all Transmitter purposes — RF; Class B Audio and Doubler. Ruggedly built—low inter-electrode capacities—High Mu. Fine for 5 Meter Transmitters.
 Fil. Volts 7.5
 Fil. Current 1.75 Amps.
 Plate Volts 750
 Plate Current 75 M.A.
 Amp. Factor 20
 Grid to Plate 4 Mmf.
 Plate Dissipation 20 Watts

As Class B Modulators

Output at 800 Volts..... 70 Watts
 Plate to Plate Load..... 12,000 Ohm

\$2.45

NEW 866 JR.

For trouble-free, economical performance the 866 Jr., a Medium Voltage half-wave rectifier can't be beat. Ceramic UX base.

Half-Wave Mercury Vapor Rectifier

Fil. Volts 2.5
 Fil. Current 2.5 Amps.
 Max. R.M.S. A.C. Volts... 1250
 Max. D.C. Current per pair with Choke Input... 250 M.A.

\$1.00 EACH



T-55

The "Champion" Transmitting Tube. On the market only six months and 5000 T-55's have been sold to Amateurs. The ideal all-around tube—gives Super-Efficient results on all frequencies.

Fil. Volts 7.5
 Fil. Current 2.0 Amps.
 Plate..... 500 to 1500 Volts
 Plate Current..... 150 M.A.
 Amp. Factor 25
 Grid to Plate..... 2.5 Mmf.
 Plate Dissipation..... 55 Watts

\$8.00



OTHER TAYLOR TUBE VALUES

203B—300 Watts, Class B..... \$ 7.50
 756—100 Watts, Class B..... 4.95
 T155—High Frequency 19.50
 T200—Power tube for 10 and 20..... 21.50
 866—The Standard 866 1.65
 203A—Carbon Anode 12.50
 822—500 Watts Audio, Class B..... 18.50

GAMMATRON TUBES

HK-154

An exceptionally fine R.F. tube. Easy to drive. Will work efficiently on all frequencies up to 60 Mc. Tantalum elements. Easy Neutralization. New design allows extremely short leads in lay-out.

Fil. Volts 5.0 at 6.5 Amps., Plate 1500 Volts 175 M.A. Plate dissipation 50 Watts. Amp. Factor 6.7. Grid to Plate 6 Mmf.

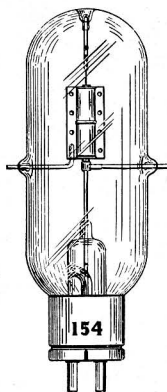
\$12.50

HK-354

An extremely popular high power tube. Tantalum elements.

Fil. 5 Volts 10 Amps. Plate up 4000 Volts 285 M.A. 150. Watts Plate Dissipation.

\$24.50



NEW RCA TUBES

807—BEAM TUBE



The most popular tube of its type and class ever offered. 5 Prong Ceramic base, top cap plate connection and improved shielding minimizes need for neutralization.

Fil. Volts 6.3
 Fil. Current 0.9 Amps.
 Plate Volts 400
 Plate Current..... 100 M.A.
 Plate Dissipation..... 21 Watts

\$3.90

OTHER RCA TUBES

808—A new 50 watt Tube for use on all bands including the Ultra-High Frequencies. Tantalum elements—very low inter-electrode capacities. Plate lead out of top—grid lead on side. High Mu gives easy-to-drive and low bias features. Fil. 7.5 Volts 4 Amps. Plate 1500 Volts 150 M.A.

\$10.00

806—A new 150 watt tube with tantalum elements. Plate and grid leads through top and side. Low inter-electrode capacities. Amp. Factor 12.6. Fil. 5.0 Volts 10 Amperes. Plate 3000 Volts 200 M.A.

\$24.50

913—Cathode Ray Tube. Screen nearly 1" in diameter—4 3/4" long. Operates at any voltages from 250 to 500 Volts. Every Phone Amateur can now afford the utility and protection of an oscillograph. Technical information furnished with each tube.

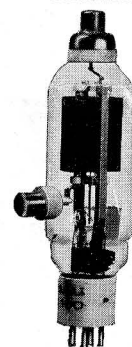
\$5.60

866—New reduced to..... \$1.75
 885—Use with Type 913..... 2.00

AMPEREX TUBES

HF-100

ULTRA-HIGH FREQUENCY TUBE



An extremely popular tube among amateurs. 4 prong Ceramic base, plate out top and grid outside. Efficient as R.F., Class B Amplifier and as Double-Buffer. Carbon Anode—rigid construction. Fil. 10 Volts 2 Amps. Plate 1500 Volts 150 M.A. Amp. Factor 23. Grid to Plate 4.5 Mmf. Plate dissipation 75 Watts.

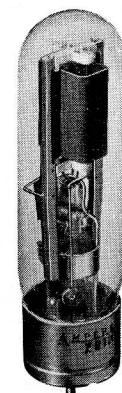
\$12.50

ZB-120

Zero Bias Amplifier

A Low-Distortion, high current—low voltage, high Mu tube. Ideal as Class B Modulator and very efficient as Class C RF Amplifier and frequency multiplier. Fil. 10 Volts 2 Amps. Plate up to 1500 Volts 150 M.A. Amp. Factor 90. Plate dissipation 75 Watts. Audio Output up to 300 Watts.

\$10.00



NEW PRICES

Prices Shown Are Your Net Costs
Effective on February 22nd, 1937

RCA RAYTHEON TUBES

GLASS TYPES

Type	RCA	Raytheon	Type	RCA	Raytheon
00A	\$1.11	\$1.05	34	\$0.81	\$0.77
01A	.37	.35	35	.84	.81
1A4	.81	.77	36	.60	.57
1A6	.77	.73	37	.49	.47
1B4	1.11	1.05	38	.60	.57
1B5/25S	.68	.65	39/44	.60	.57
1C6	.95	.90	40	.54	.51
1F4	1.81	1.77	41	.60	.57
1F6	1.11	1.05	42	.65	.62
1V	1.60	1.57	43	.65	.62
2A3	1.81	1.77	44	.43	.41
2A5	.65	.62	46	.73	.69
2A6	.65	.62	47	.68	.65
2A7	.81	.77	48	1.83	1.74
2B7	.81	.77	49	.65	.62
5Z3	.54	.51	50	1.38	1.31
6A4/LA	.81	.77	53	.81	.77
6A6	.81	.77	55	.68	.65
6A7	.81	.77	56	.43	.41
6B7	.81	.77	57	.60	.57
6C6	.65	.62	58	.60	.57
6D6	.65	.62	59	.81	.77
6E5	.81	.77	71A	.43	.41
6F7	.95	.90	75	.60	.57
6G5	.81	.77	76	.43	.41
10	1.38	1.31	77	.65	.62
11	1.11	1.05	78	.65	.62
12	1.11	1.05	79	.81	.77
12A7	1.11	1.05	80	.37	.35
12Z3	.60	.57	81	1.11	1.05
15	1.05	1.05	82	.60	.57
19	.65	.62	83	.60	.57
20	1.11	1.05	83V	1.11	1.05
22	.81	.77	84/6Z4	.81	.77
24A	.65	.62	85	.65	.62
25Z5	.65	.62	89	.81	.77
26	.37	.35	V99	.81	.77
27	.43	.41	X99	.81	.77
30	.43	.41	112A	.49	.47
31	.49	.47	874	2.75	2.58
32	.81	.77	876	4.25	4.05
33	.68	.65	886	5.75	5.45

ALL-METAL TYPES

Type	RCA	Raytheon	Type	RCA	Raytheon
5W4	\$.54	\$.51	6L6	\$1.38	\$1.31
5Z4	1.11	1.05	6L7	.95	.90
6A8	.81	.77	6N7	.68	.65
6B8	.95	.90	6Q7	.73	.69
6C5	.68	.65	6R7	.73	.69
6F5	.68	.65	6X5	.81	.77
6F6	.73	.69	25A6	.81	.77
6H6	.68	.65	25L6	1.38	1.31
6J7	.81	.77	25Z6	.81	.77
6K7	.73	.69			

G SERIES TYPES

Type	RCA	Raytheon	Type	RCA	Raytheon
1C7G	1.11	1.05	6F5G	\$0.68	\$0.65
1D5G	1.11	1.05	6F6G	.73	.69
1D7G	1.11	1.05	6F8G	.65	.62
1E5G	1.11	1.05	6J5G	.81	.77
1E7G	1.72	1.63	6J7G	.81	.77
1F5G	1.11	1.05	6K5G	.73	.69
1F7G	1.11	1.05	6K6G	.73	.69
1H4G	.54	.51	6K7G	.73	.69
1H6G	.95	.90	6L6G	1.38	1.31
1J6G	.73	.69	6L7G	.95	.90
5I4G	.81	.77	6N7G	.68	.65
5V4G	1.11	1.05	6Q7G	.73	.69
5X4G	.81	.77	6R7G	.73	.69
5Y3G	.54	.51	6X5G	.81	.77
5Y4G	.54	.51	25A6G	.81	.77
6A8G	.81	.77	25B6G	.95	.90
6C5G	.68	.65	25Z6G	.81	.77

Additional 10% may be deducted in lots of 25 tubes or more

NEWARK'S

Chicago's Friendly Parts House

IS MODERN — UP - TO - TIMES!

Now Offering

A COMPLETE BUDGET PLAN

on

ALL RADIO EQUIPMENT

The Newark Way—The Easy Way—Budget Payment Plan has enabled hundreds of amateurs to enjoy the satisfaction of owning a Real Communication Receiver. Now NEWARK offers All Radio Equipment—TRANSMITTING TUBES, CONDENSERS, TRANSFORMERS—in fact, everything in our great stock—can be purchased through this same "Easy to Pay" Plan. Newark offers this unusual Budget Payment Plan to all responsible persons. Down Payment of as low as \$10.00 starts your account—balance can be paid in six, nine or twelve monthly payments. Our finance rate is low! Merchandise is shipped in approximately one week from receipt of your Down Payment. The following schedule shows you how it works.

TIME PAYMENT ON PARTS

Total Order	Down Payment	6 Mo. Payments	9 Mo. Payments	12 Mo. Payments
\$ 60.00	\$10.00	\$ 9.32	\$6.26
75.00	13.00	11.00	7.39	\$5.58
100.00	20.00	14.36	9.66	7.30

For amounts other than these please write in for particulars and rates. To those who have already established credit at Newark, we can ship the same day we receive your signed contract—no delay.

WATCH QST

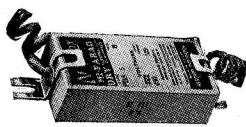
for Newark's Bargains and for announcements of new items.

AN ADDED SERVICE

"Harry" Harrison—W9LLX—has been added to Newark's staff of trained radio men. Harry is a well known, active amateur, ably qualified to assist you in your technical problems. Write Harry—he'll help you.

NEW RAYTHEON TRANSMITTING TUBES

RK-35—Tantalum elements—35 watts—Low Mu.....	\$ 8.00
RK-37—Tantalum elements—35 watts—High Mu.....	8.00
RK-36—Tantalum elements—100 watts—Low Mu.....	14.50
RK-38—Tantalum elements—100 watts—High Mu.....	14.50
RK-39—Transmitting Type Beam power tube—5 prong Isolantite base.....	3.50



AEROVOX New Midget Electrolytic Condensers

SINGLE SECTION CONDENSERS

Type PBS5—525v. Surge Pk. 450v. D.C. Working			Type PBS2—250v. Surge Pk. 200v. D.C. Working		
Cap. Mfds.	Size-Ins. L. W. D.	Net Price	Cap. Mfds.	Size-Ins. L. W. D.	Net Price
2	2 7/8 x 3/4 x 1/2	\$0.38	2	2 7/8 x 3/4 x 1/2	\$0.32
4	2 7/8 x 1 x 7/8	.44	4	2 7/8 x 3/4 x 1/2	.38
8	2 7/8 x 1 1/8 x 1 1/8	.56	8	2 7/8 x 1 1/8 x 1 1/8	.47
10	3 1/8 x 1 1/8 x 1 1/8	.68	12	2 7/8 x 1 1/8 x 1 1/8	.56
12	3 1/8 x 1 1/8 x 1 1/8	.76	16	2 7/8 x 1 1/8 x 1 1/8	.62

DOUBLE SECTION CONDENSERS

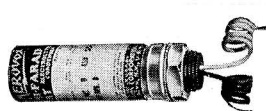
With Four Leads

Type PBS5—525v. Surge Pk. 450v. D.C. Working			Type PBS2—250v. Surge Pk. 200v. D.C. Working		
Cap. Mfds.	Size-Ins. L. W. D.	Net Price	Cap. Mfds.	Size-Ins. L. W. D.	Net Price
4-4	2 7/8 x 1 1/8 x 1 1/4	\$0.70	4-4	2 7/8 x 3/4 x 1 1/8	\$0.53
4-8	2 7/8 x 1 1/8 x 1 1/8	.79	4-8	2 7/8 x 1 1/8 x 1 1/8	.68
8-8	2 7/8 x 1 1/8 x 1 1/8	.88	8-8	2 7/8 x 1 1/8 x 1 1/8	.73
			8-16	2 7/8 x 1 1/8 x 1 1/4	.85

TRIPLE SECTION CONDENSERS

With Six Leads

Type PBS5—525v. Surge Pk. 450v. D.C. Working			Type PBS2—250v. Surge Pk. 200v. D.C. Working		
Cap. Mfds.	Size-Ins. L. W. D.	Net Price	Cap. Mfds.	Size-Ins. L. W. D.	Net Price
8-8-8	3 x 1 1/2 x 1 1/4	\$2.20	8-8-8	2 7/8 x 1 1/8 x 1 1/8	\$1.12



MIDGET CAN-TYPE ELECTROLYTIC CONDENSERS

DEPEND ON NEWARK'S COMPLETE STOCK

of

AEROVOX CONDENSERS

Type GLS—525v. Surge Pk.

450v. D.C. Working

Cap. Mfds.	Size-Ins. Dia. High	Net Price
4	1 x 2 3/8	\$0.50
8	1 x 2 1/8	.62
12	1 x 3 1/8	.82
16	1 x 4 3/8	.91



AEROVOX Wire Lead Electrolytic Condensers

525v. Surge Pk.
450v. D.C. Work.

Type GL5—Single Section
With Two Leads

Cap. Mfds.	Size-Ins. Dia. High	Net Price
4	1 3/8 x 3 1/4	\$0.50
8	1 3/8 x 4 1/4	.62
12	1 3/8 x 4 1/4	.82
16	1 3/8 x 5 1/4	.91

Type 2GL5—Double Section
With Four Leads

Cap. Mfds.	Size-Ins. Dia. High	Net Price
4-4	1 3/8 x 4 1/4	\$0.76
4-8	1 3/8 x 5 1/4	.85
8-8	1 3/8 x 5 1/4	.94

Type 3GL5—Triple Section
With Six Leads

Cap. Mfds.	Size-Ins. Dia. High	Net Price
4-4-4	1 3/8 x 3 1/4	\$1.18
8-8-8	1 3/8 x 4 1/4	1.41

IT'S A GRAND AND GLORIOUS FEELING for many amateurs to learn that they can purchase **all** their parts, tubes and other radio gear as well as any of the Standard Communication Receivers **the Newark Way — a year to pay.** Don't delay rebuilding — put in that increased power you've planned on — **NOW!** Be all set to work some real DX on 10 and 20.

The Newark Way — A Year to Pay — Is the Easy Way!

NEW WIRE PRICES

See pages 36-37 of our Catalog for full particulars and descriptions.

MAGNET WIRE

Size	1/4 lb.		1/2 lb.		Double Cot. Cov. White		Double Silk Cov.	
	Spool	Spool	Spool	Spool	Spool	Spool	Spool	Spool
14	\$.13	\$.22	\$.16	\$.26	\$.26	\$.23	\$.44	
16	.13	.22	.16	.26	.23	.44		
18	.13	.23	.16	.28	.25	.45		
20	.15	.25	.16	.31	.31	.58		
22	.15	.26	.21	.35	.37	.74		
24	.16	.27	.23	.40	.45	.82		
26	.17	.30	.28	.51	.53	1.02		
28	.19	.35	.34	.61	.61	1.18		
30	.22	.39	.44	.81	.78	1.49		
32	.23	.41	.53	.92	1.01	1.96		
34	.26	.46	.62	1.05	1.21	2.36		
36	.31		.68		1.57			

ANTENNA WIRE

Solid Enameled

100 ft. No. 12	\$.59
200 ft. No. 12	1.15
100 ft. No. 14	.39
200 ft. No. 14	.75
100 ft. No. 10	.95
200 ft. No. 10	1.85

BELDEN MULTI CONDUCTOR

SHIELDED AND RUBBER COVERED

For all microphone use and for particular installations of speakers, remote lines and photo cell work. This is the finest grade of wire, 13x36 tinned copper, two serves of celanese, two braids of celanese, four braids of cotton, waxed; thinned copper shield; heavy rubber cover overall.

No. 8924—1 wire, for crystal, single button and ribbon mikes. Per ft. \$0.05
100-ft. spool 3.84

No. 8877—2-wire, each conductor 26x34 tinned copper; rubber wall color-coded; cabled and cotton wrapped; tinned copper shield cotton wrap over shield and rubber sheath overall. For 2-button mikes, transmission lines and remote control work. Per ft. \$0.06
100-ft. spool 4.50

No. 8874—3-wire, same construction as No. 8877—for carbon mikes which do not employ a grounded center tap or which couple to a mixer panel. Per ft. \$0.06
100-ft. spool 5.10

No. 8846—4-wire, same as No. 8877—for dynamic mikes and speakers with independent field circuits. Per ft. \$0.07
100-ft. spool 6.26

No. 8928—5-wire, same as No. 8877—for condenser mikes with pre-amp in head. Per ft. \$0.09
100-ft. spool 7.77

No. 8847—6-wire, same as No. 8877. Per ft. \$0.10
100-ft. spool 8.18

No. 8927—7-wire—same as No. 8877—good analyzer replacement cable. Per ft. \$0.11
100-ft. spool 9.85

COPPER SHIELDING BRAIDS

Heavy Duty—Tinned

	10 ft.	50 ft.
No. 8930 1/4"	\$0.25	\$1.05
No. 8931 3/8"	.40	1.75
No. 8932 1/2"	1.05	4.59

Twisted Lead-in wire, solid—for Xmtrs. Belden—Low, loss No. 19 solid Belden with two serves of cotton, color-coded with waxed cotton braid overall. Fine for low power Xmtrs.

No. 8844—Per ft. \$0.18
100-ft. coil 1.50

TINNED BUSS WIRE — ROUND

	25 ft.	100 ft.
No. 10	\$0.25	\$1.00
No. 12	.19	.75
No. 14	.13	.50

HOOK-UP WIRE—All Types

Solid Push-Back non-fraying insulation—moisture-proof. Double cotton braids—Waxed. Solid tinned copper wire. Colors: red, black, blue, green, yellow.

No. 22 Gauge
50 ft. coils \$0.25
100 ft. coils .45

No. 20 Gauge
50 ft. coils \$0.27
100 ft. coils .50

No. 18 Gauge
50 ft. coils \$0.33
100 ft. coils .65

No. 16 Gauge
50 ft. coils \$0.50
100 ft. coils .90

No. 14 Gauge
50 ft. coils \$0.58
100 ft. coils 1.15

STRANDED PUSH-BACK

No. 20 Gauge
50 ft. coil \$0.33
No. 18 Gauge
50 ft. coil .43

FILAMENT HOOK-UP WIRE

Stranded—Red and Black only

No. 14
25 ft. coil \$0.43
No. 12
25 ft. coil .58
3/64" Heavy Rubber Covered

CABLE FOR TRANSMITTERS

No. 18 stranded tinned copper, 1/32" R/C with a real heavy braid overall—thickly lacquered. This is a fine wire for high voltage work in Xmtrs. 5 colors 40 ft. Spool.
No. 9830 \$0.42

EO-1 CABLE

Is the real heavy-duty twisted pair for Transmitting type doublet antennae on high power Xmtrs. Per ft. \$0.06 1/2

MULTI-CONDUCTOR SHIELDED CABLE

No. 20 tinned stranded copper paper wrap, 1/64 in. rubber, color-coded, lacquered cotton braid with tinned copper shield overall.
No. 8962—2-wire. Per ft. \$0.04
100-ft. spool 3.00
No. 8963—3-wire. Per ft. .05
100-ft. spool 4.00
No. 8964—4-wire. Per ft. .06
100-ft. spool 5.00

MULTI-CONDUCTOR RADIO CABLE

Cotton Braid—Not Shielded

No. 20 gauge, tinned, stranded copper; 1/64-in. rubber, cotton braid, lacquer dipped, color coded, with brown cotton braid overall.
No. 8953—Three-wire, 10 ft. for \$0.35
No. 8889—Four-wire, 10 ft. for .45
No. 8855—Five-wire, 10 ft. for .55

LOW CAPACITY SHIELDED CABLE

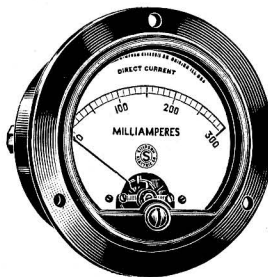
For auto aerial lead-in. No. 18 stranded copper. Rubber insulated, jute filler with tinned copper sleeving over-all. Permits shield grounding without signal loss.
No. 8876—1/2" O. D. Per foot. \$0.09
No. 8888—1/4" O. D. Per foot. .04
No. 8971—3/8" O. D. Per foot. .06

SHIELDED LEAD-IN WIRE

7 strand tinned copper—easy rubber insulation. 3/8" R/C on No. 16 and 1/8" R/C on No. 14. Overall cover of fine mesh tinned copper.

No. 8856—50 ft. No. 14 shielded \$1.30
No. 8854—250 ft. No. 14 shielded 6.25
No. 8894—50 ft. No. 16 shielded .90
No. 8895—250 ft. No. 16 shielded 4.34

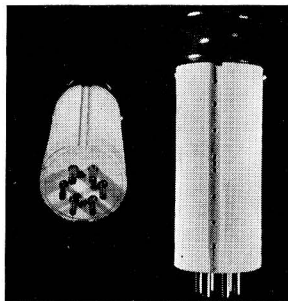
SIMPSON METERS



Behind the Simpson organization is Ray R. Simpson, formerly president of the Jewell Electrical Instrument Co. and in full charge of all design and manufacturing throughout Jewell's long and successful career. Collaborating with Mr. Simpson are many of the men who were responsible for the Jewell reputation for unmatched precision and ruggedness. Who could be better qualified to build YOUR meters. Simpson meters are the D'Arsenal Moving Coil type. Bakelite case. Flange diameter 3 1/2"—body diameter 2 3/4".

D. C. MILLIAMMETERS

Range	Price	Range	Price
0-1	\$4.50	0-200	\$3.75
0-5	3.75	0-250	3.75
0-25	3.75	0-300	3.75
0-50	3.75	0-500	3.75
0-100	3.75	0-750	3.75
0-150	3.75	0-1000	3.75



OTTAWA COIL FORM

The finest and handiest Isolantite Coil Form we have ever seen. Grooved for a max. of 75 turns. Possible to wind as many or as few turns as desired in any desired spacing through slot arrangement on sides. Drilled holes for convenience in bringing wires to inside of form. 5/8" long not including tube pins. 1 3/4" diameter. Has standard 6 prong base and black wooden handle.

No. OR-5 \$1.35



A New Crystal Record Reproducer by Shure Bros. Built-in "Balanced Tracking" provides exclusive Shure features "Needle-Tilt," Stream-lined. Molded Black Bakelite. 10 1/4" long. Complete with 3/2 ft. shielded cord.
Model 99A \$7.06

NEW ASTATIC CRYSTAL PICK-UP

Longer Record life—better reproduction. New off-set head design hold needle true to tangent. Many other exclusive features. Broadcast station quality. 10 1/4" swivel. Plays 12" recordings.
Model B \$10.29

NEW LOW PRICES

Model S-8—Astatic \$5.88
Model S-12—Astatic 7.35



LOOK!

HERE THEY ARE!

You've wanted Real Quality RF Thermo Ammeters at lower prices and here they are!

SIMPSON

RF THERMO AMMETERS

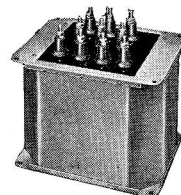
Full size—flange diameter 3 1/2"—body diameter 2 3/4". Bakelite cases. Do not confuse these Simpson RF Thermo Couple Ammeters with cheap types. They are of the same construction and quality as other meters priced as high as \$13.00. Satisfaction guaranteed or your money refunded.

RF THERMO AMMETERS

MODEL 35S

Range	Net	Range	Net
0-1 Amps...	\$6.55	0-2.5 Amps...	\$6.55
0-1.5 Amps...	6.55	0-5 Amps...	6.55
0-2 Amps...	6.55	0-3 Amps...	6.55

UTC VARIMATCH



MODULATION TRANSFORMERS

The UTC Varimatch transformer is a new type of modulation transformer so designed that a very wide range of impedance matching combinations is obtainable. (Write for UTC catalog which includes charts.) In addition to taking care of practically every modulation problem, the value of these units cannot be over-emphasized from the angle of universal applications when tube types or operating conditions are changed.

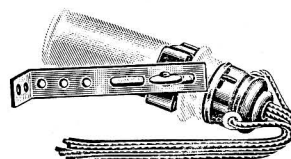
VM-1—Will handle any power tubes to modulate a 40 to 60 watt Class C stage. Max. Audio Output 30 watts \$4.70

VM-2—Will handle any power tubes to modulate a 20 to 120 watt Class C stage. Max. Audio Output 60 watts 7.35

VM-3—Will handle any power tubes to modulate a 100 to 250 watt Class C stage. Max. Audio Output 125 watts 11.76

VM-4—Will handle any power tubes to modulate a 200 to 600 watt Class C stage. Max. Audio Output 300 watts 19.11

VM-5—Will handle any power tubes to modulate a 450 to 1 KW. plus Class C stage. Max. Audio Output 600 watts 41.16



PLUG AND BRACKET ASSEMBLY FOR 913 TUBE

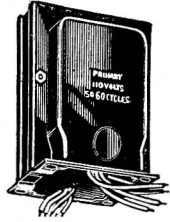
The Amphenol wired plug and bracket assembly makes easy the application of the RCA 913 Cathode Ray Tube. Mounts the tube firmly in any position—easy to set up. Complete \$0.59

NEWARK OFFERS REAL TRANSFORMER BARGAINS!

600 VOLTS—200 MILS.—\$2.45

Why Pay More!

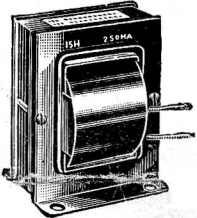
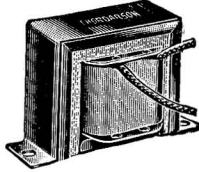
The Famous Thordarson T-6878 plate and filament transformers—thousands in use in Ham rigs—600-0-600 at 200 M. A.; 2.5 v. at 10 amps.; 5 v. at 3 amps.; 7.5 v. at 3 amps. Weight 10 lbs. Dependability at a great saving. Use this transformer for your Buffer and Final amp. stages. Just the thing for 46's T20's, 807's, etc....\$2.45



FILAMENT TRANSFORMERS

If you like to save money on quality merchandise here's some real bargains.

- 2.5 Volts 10 Amps—2500 Volts Insulation—No. 2510....\$0.95
- 6.3 Volts 3 Amps—1600 Volts Insulation—No. 63S..... .95
- 7.5 Volts 3 Amps—1600 Volts Insulation—No. 75S95



FILTER CHOKES

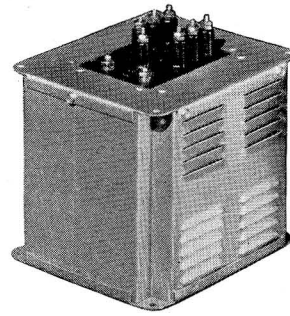
15 HENRIES—250 MILS—\$1.95

A Value-Plus Choke

Thordarson No. T-6877 Heavy Duty Choke. 15 Henries at 250 M. A. D. C. Resistance 110 Ohms. Will go nicely with our 1000 volt 300 M. A. No. F-1000 Transformer. A real buy at. \$1.95

18 HENRIES—125 M. A.—\$1.15

A real quality choke. Resistance 130 Ohms. No. F-1115. \$1.15



NEWARK HAM BARGAIN PLATE TRANSFORMERS MADE BY UTC

Now you increase your power at half the former expense. Get one of these New UTC Special Transformers—fully cased with universal mountings and stand-off bushing terminals. Quality at low prices—Don't Delay—Buy Now! Transformers are same as the illustration and ratings are AC values.

- 20462A—750-1000 each side of center, AC, at 300 mills\$5.70
- 20462B—1000-1250-1500 AC each side of center, 300 ma.\$7.35
- 20462C—1500-2000-2500 each side of center, AC, at 300 mills\$11.95
- 20462D—1000-1250-1500 AC each side of center, at 500 mills\$11.75

FLASH!! SPECIAL HAM BARGAIN CHOKES

Manufactured by UTC

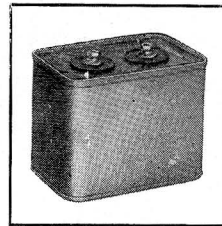
Just released by UTC. Chokes to match the above transformers. All fully enclosed as pictured. These chokes are just the thing for that new rig. You can now get chokes and transformers to match.

- 20462F—Smoothing choke 20 hy.—200 MA.....\$1.75
- 20462FS—Swinging choke 5-25 hy.—200 MA—2500 volts—Insulation—Lug terminals 1.75
- 20462G—Smoothing choke 20 hy.—300 MA..... 3.25
- 20462GS—Swinging choke 5-25 hy.—300 MA—3500 volts—Insulation..... 3.25
- 20462H—Smoothing choke 20 hy.—400 MA..... 4.00
- 20462HS—Swinging choke 5-25 hy.—400 MA—500 volts—Insulation..... 4.00
- 20462I—Smoothing choke 20 hy.—550 MA..... 5.50
- 30462IS—Swinging choke 5-25 hy.—550 MA—600 volts—Insulation..... 5.50

HIGH QUALITY OIL-FILLED FILTER CONDENSERS GUARANTEED AT RATED VOLTAGES!

Our Special Oil-filled, oil-impregnated Filter Condensers are GUARANTEED at rated voltages. All ratings are D.C. Working Voltages. These are well-known Condensers, made by one of the leading Manufacturers, purchased by us at a tremendous cut in price and we are passing the savings on to you. We have a good quantity of them but they are selling like "Hot Cakes" and we earnestly recommend that you order quickly—don't lose out on a deal like this. Order today—and be one of the lucky and wise Hams!

"ASK
THE HAM
WHO
BOUGHT SOME"



DON'T
DELAY—
BUY
TODAY

5.0 Mfd.
1500 V. D.C.
3 3/4" x 3 1/4" x 1 7/8"
1 7/8 lbs.,
\$1.90

5.2 Mfd.
1500 V. D.C.
5" x 3 1/4" x 2 1/4"
2 1/8 lbs.
\$2.00

8.0 Mfd.
2000 V. D.C.
5 1/4" x 3 1/2" x 4"
4 lbs.
\$2.75

1.0 Mfd.
2000 V. D.C.
5" x 3 1/4" x 1"
1 1/4 lbs.
\$1.25

2.0 Mfd.
2000 V. D.C.
5 1/4" x 3 1/2" x 2 1/2"
3 lbs.
\$1.50

9.0 Mfd.
3000 V. D.C.
5 1/4" x 3 1/2" x 1 1/2"
Including 2 1/2" Bakelite
Stand-offs
9 lbs.
\$7.25

4.4 Mfd.
1500 V. D.C.
5" x 3 1/4" x 1 3/4"
1 7/8 lbs.
\$1.75

Now!

You Can Buy
Your SETS, TUBES and PARTS
on the Famous

"Newark Way—A Year to Pay"

A RELIABLE BUDGET PLAN
From a Reliable Amateur Supplier
OUR SPRING FLYER

Newark Electric Co.
226 W. Madison St.
CHICAGO, ILL.

Chicago's Friendly Parts House

Sec. 562 P. L. & R.

