

HALLICRAFTERS INSTRUMENTS MAY BE PURCHASED FROM:

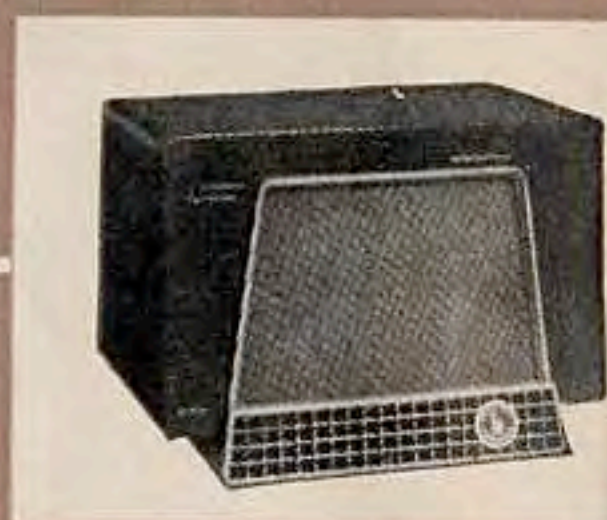
● the radio man's radio

*H*allicrafters

New "SWL" Version of Famous SX-42

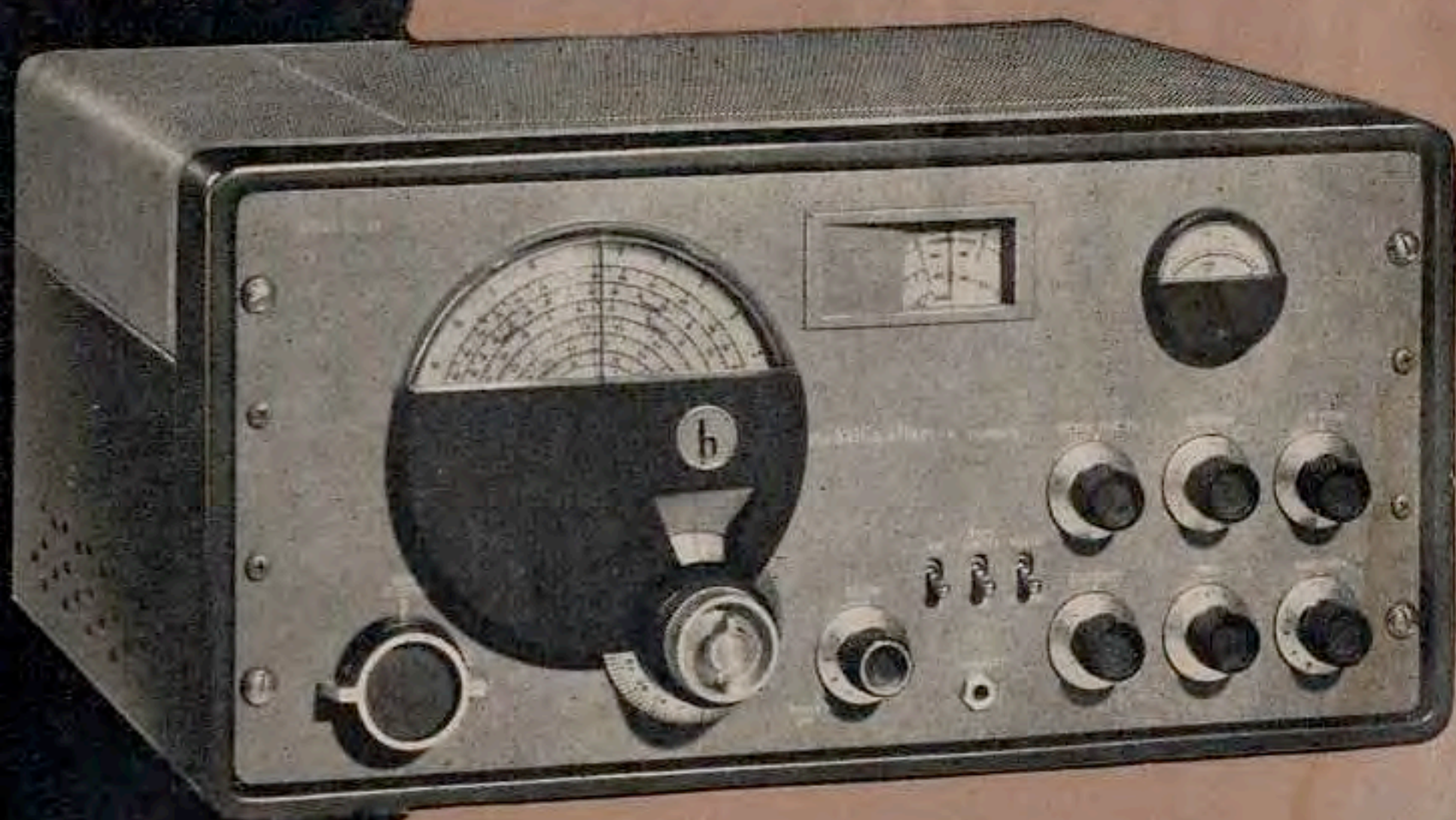


SX-62 \$269.50
Amateur Net



R-42 Bass Reflex Speaker \$34.50

Matches either SX-62 or SX-42. Two-position tone switch. 500-ohm input. 8-in. heavy-duty PM type. Satin-finish gray metal cabinet 17 in. wide by 11 $\frac{3}{4}$ in. high by 12 $\frac{1}{2}$ in. deep. Ship. wt. 30 lbs.



SX-42 \$275.00
Amateur Net

The newest addition to Hallicrafters line and just what the All-Wave listener has been waiting for. Will outperform any ordinary broadcast receiver on any frequency—Standard Broadcast, Short-Wave or FM. Continuous coverage from 540 kc to 109 Mc.

Having basically the same chassis as our best communications receiver, the SX-62 provides communications-receiver performance in simplified form. A single tuning control covers the wide-vision dial. Only one band lights up at a time—you always know just where you are tuning. In addition a 500 kc crystal calibration oscillator is built in, enabling you to adjust the dial pointer to show the exact frequency being tuned at any time.

PERFORMANCE: Continuous AM reception 540 kc to 109 Mc; FM reception 27—109 Mc. Temperature compensated, voltage regulated. Two RF, three IF stages; dual IF channels (455 kc and 10.7 Mc.). Audio flat 50—15,000 cycles; 10-watt push-pull output.

CONTROLS: Band Selector 540—1620 kc, 1.62—4.9 Mc, 4.9—15 Mc, 15—32 Mc, 27—56 Mc, 54—109 Mc; Receive/Standby, Calibration Osc. On/Off, Noise Limiter, Tuning, AF Gain, Phono/FM/AM/CW, six-position Selectivity, four-position Tone, RF Gain, Calibration Reset.

PHYSICAL DATA: Gray steel cabinet with satin chrome trim. Top opens on piano hinge. Cabinet 20 in. wide by 10 $\frac{1}{4}$ in. high by 16 in. deep. Ship. Wt. 70 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. 500 and 5000-ohm outputs. Phone jack. Phonograph input jack. Socket for external power. Remote control connections. 105—125 V. 50/60 cycle AC line.

14 TUBES PLUS VOLTAGE REGULATOR AND RECTIFIER: Two 6AG5 RF Amps., 7F8 Conv., 6SK7 IF Amp., 6SG7 IF Amp., 7H7 IF Amp., 7H7 FM Limiter and AM Det., 6H6 FM Det., 7A4 BFO, 6H6 ANL, 6SL7 AF Amp., two 6V6 Push-pull Output, 6C4 Calibration Osc., VR-150 Regulator, 5U4G Rectifier.

Tops in Performance and Versatility

Preferred by discriminating Amateurs and SWL's everywhere... our best communications receiver! Unsurpassed in versatility and coverage, outstanding in performance. Continuous coverage 540 kc to 110 Mc—Standard Broadcast, Short-Wave and FM.

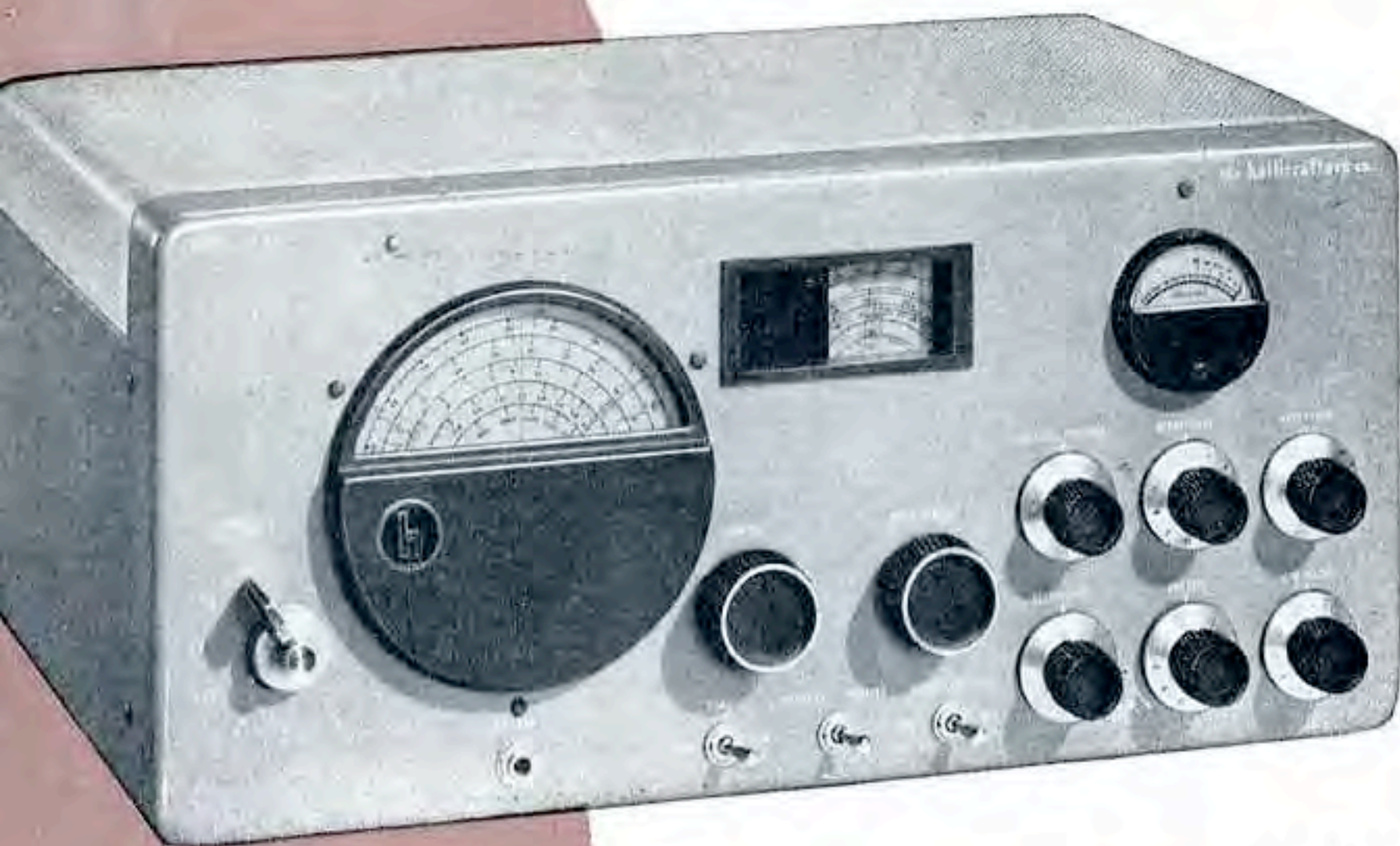
PERFORMANCE: Continuous AM reception 540 kc to 110 Mc; FM reception 27—110 Mc. Temperature compensated oscillator with voltage regulator. Two RF, three IF stages; dual IF channels (455 kc and 10.7 Mc). Audio flat 50—15,000 cycles; 10-watt push-pull output.

CONTROLS: Band Switch 540—1620 kc, 1620—5000 kc, 5.0—15 Mc, 15—30 Mc, 27—55 Mc, 55—110 Mc. Main tuning dial with logging scale on knob. Band-spread dial calibrated for 3.5, 7, 14, and 28 Mc Bands plus logging scale. Two-position dial lock secures either main or band-spread knobs. AF Volume Control with power switch; AVC, Noise Limiter, Receive/Stand-by switches. Crystal Phasing, AM/FM/CW Phono, CW Pitch, six-position Selectivity, four-position Tone, RF Gain. "S" Meter adjustment on rear. Control settings for Broadcast and FM Bands marked in color for simplified use by others in family.

PHYSICAL DATA: Gray steel cabinet with satin chrome trim. Top opens on piano hinge. Cabinet 20 in. wide by 10 $\frac{1}{4}$ in. high by 16 in. deep. Ship. wt. 71 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. 500 and 5000-ohm outputs. Phone jack. Phonograph input jack. Socket for external power. Remote control connections. 105—125 V. 50/60 cycle AC line.

13 TUBES PLUS VOLTAGE REGULATOR AND RECTIFIER: Two 6AG5 RF Amps., 7F8 Conv., 6SK7 IF Amp., 6SG7 IF Amp., 7H7 IF Amp., 7H7 FM Limiter and AM Det., 6H6 FM Det., 7A4 BFO, 6H6 ANL, 6SL7 AF Amp., two 6V6 Push-pull Output, VR-150 Regulator, 5U4G Rectifier.



SX-43
\$189.50
Amateur Net

W

widest Coverage in Its Class

Here is all you would expect from a truly fine communications receiver plus extra coverage to include the 6-Meter Band and the FM Broadcast Band. Offers coverage, versatility, and performance second only to our SX-42.

PERFORMANCE: AM reception 540 kc to 55 Mc; FM 44—55 Mc and 86—109 Mc. Temperature compensated oscillator. One RF and two IF stages (3rd IF stage above 44 Mc). Dual IF channels (455 kc and 10.7 Mc). Audio response to 10,000 cycles; 3-watt output.

CONTROLS: Band Switch 540—1700 kc, 1700—5000 kc, 5—16 Mc, 14—14.4 Mc, 15.5—44 Mc, 44—55 Mc, 86—109 Mc. Main tuning in Mc; band-spread dial calibrated for 3.5, 7, 14, and 28 Mc bands. Two-position Tone, Receive/Standby and Noise Limiter switches. Crystal phasing, RF Gain, Phono/FM/AM-AVC/AM-MVC/CW, four-position Selectivity, AF Gain, and CW Pitch controls. Adjustment on rear for "S" meter.

PHYSICAL DATA: Gray steel cabinet with satin chrome trim. Piano hinge top. Size 18½ in. wide by 8⅞ in. high by 12 in. deep. Ship. wt. 44 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. 500 and 5000-ohm outputs. Phono jack. Phonograph input jack. Socket for external power supply. Remote control connections. 105—125 V. 50/60 cycle AC line.

10 TUBES PLUS RECTIFIER: 6BA6 RF Amp., 7F8 Conv., 6SG7 IF Amp., 6SH7 IF Amp., 6SH7 IF Amp., 6H6 AM Det. and ANL, 6AL5 FM Det., 6J5 BFO, 6SQ7 AF Amp., 6V6 Output, 5Y3GT Rectifier.

Matching speaker for SX-43. Two-position tone switch. 500-ohm input. Heavy-duty PM type, 6 by 9-inch oval size. Cabinet size 18½ in. wide by 8½ in. high by 9⅝ in. deep. Ship. Wt. 19 lbs.



R-44
\$24.50



S-40A
\$99.50
Amateur Net

A

Amazing Sensitivity and Value

Offers superior performance in the medium price range, born of Hallicrafters long experience in high-quality communications equipment. Complete in itself, with built-in PM speaker.

PERFORMANCE: AM reception 540 kc to 43 Mc. Temperature compensated oscillator. One RF and two IF stages. Audio response to 10,000 cycles.

CONTROLS: Band Switch 540—1700 kc, 1700—5300 kc, 5.3—15.7 Mc, 15.7—43.0 Mc. Main tuning in Mc; band-spread dial has arbitrary scale. AF and RF Gain controls; AVC, BFO, and Noise Limiter switches; three-position Tone, BFO Pitch, and Receive/Standby controls. Settings for Broadcast Band marked in color for simplified use by others in your family.

PHYSICAL DATA: Satin black steel cabinet with brushed chrome trim. Top opens on piano hinge. Size 18½ in. wide by 9 in. high by 9½ in. deep. Ship. wt. 32 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. Phone jack. Socket for external power supply. Remote control connections. 105—125 V. 50/60 cycle AC line.

8 TUBES PLUS RECTIFIER: 6SG7 RF Amp., 6SA7 Conv., two 6SK7 IF Amps., 6H6 ANL and AVC, 6J5GT BFO, 6SQ7, Det. and AF Amp., 6F6G Output, 5Y3GT Rectifier.

Same as the S-40A above only designed for AC or DC operation. 7 tubes plus rectifier and ballast tube: RF and IF tubes like S-40A; then 6H6 Det., 6SC7 BFO and AF Amp., 25L6GT Output, 25Z6GT Rectifier, and Ballast tube. Ship. Wt. 30 lbs.



S-52
\$99.50

O offers Maximum Performance in Compact Size



S-53\$89.50
Amateur Net

New 2 Mc IF Improves Image Rejection

A recent addition to the Hallicrafters line and a model that is rapidly gaining popularity because of its excellent performance and moderate price. Complete in itself, including built-in PM speaker.

PERFORMANCE: AM reception 540 kc to 31 Mc plus 48—54.5 Mc. Two stages IF with new 2 Mc IF,—high enough to avoid all possible images from amateur stations when operating within the amateur bands.

CONTROLS: Main tuning in Mc; separate band-spread dial with logging scale plus Mc calibration for 48—54.5 Mc band; Receive/Standby switch; Band switch 540—1630 kc, 2.5—6.3 Mc, 6.3—16 Mc, 14—31 Mc, and 48—54.5 Mc; AM/CW; RF Gain, Noise Limiter, AF Gain, two-position Tone; Speaker/Phones switch on rear.

PHYSICAL DATA: Satin black steel cabinet with brushed chrome trim. Top opens on piano hinge. Size 12 $\frac{7}{8}$ in. wide by 7 in. high by 7 $\frac{3}{4}$ in. deep. Ship. wt. 19 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. Phone tip jacks. Phonograph input jack. 105—125 V. 50/60 cycle AC line.

7 TUBES PLUS RECTIFIER: 6C4 Osc., 6BA6 Mixer, two 6BA6 IF Amps., 6H6 Det., AVC and ANL, 6SC7 BFO and AF Amp., 6K6GT Output, 5Y3GT Rectifier.

T he Radio That Amazes Even the Experts



S-38\$49.95

Exceptional Performance at a Moderate Price

The lowest priced communications receiver on the market . . . with many features found in much higher priced sets. Standard Broadcast plus three Short-Wave bands. Built-in PM speaker.

PERFORMANCE: Continuous AM reception 540 kc to 32 Mc. Maximum sensitivity and selectivity from expertly engineered chassis.

CONTROLS: Main Tuning in Mc; separate band-spread dial with arbitrary scale; Speaker/Phones, AM/CW, and Noise Limiter switches; Band Switch 540—1650 kc, 1.65—5 Mc, 5—14.5 Mc, 13.5—32 Mc; AF Gain, Receive/Standby.

PHYSICAL DATA: Steel cabinet in black wrinkle finish with brushed chrome trim. Size 12 $\frac{7}{8}$ in. wide by 7 in. high by 7 $\frac{1}{4}$ in. deep. Ship. wt. 14 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. Phone tip jacks. 105—125 V. DC or 50/60 cycle AC.

5 TUBES PLUS RECTIFIER: 12SA7 Conv., 12SK7 IF Amp., 12SQ7 BFO and Noise Limiter, 12SQ7 Det. and AVC, 35L6GT Output, 35Z5GT Rectifier.

The Newest and Most Versatile Transmitter Available



HT-19
\$359.50
Amateur Net

Offers Narrow Band FM and CW, plus provisions for AM, to give maximum flexibility on 5 bands. A completely self-contained, medium-power unit for the modern minded amateur. In addition, its compact size and smartly styled cabinet make it especially desirable wherever appearance and space are to be considered.

Consists of an oscillator (crystal controlled or VFO), a frequency modulator with speech amplifier, a buffer and a final amplifier. Extremely high stability and low FM distortion are obtained. The 4-65A in the final, cooled by a 3-inch 800-rpm fan, has a plate input of 185 watts for approximately 125 watts output.

CONTROLS: Operation Switch has three crystal positions plus VFO and NBFM; two pilot lamps show plate and filament power on/off; Band Selector switch changes multiplier coils 3.5—4, 7—7.3, 14—14.4, 21—21.45, and 27.16—29.7 Mc; final coils are changed inside the unit, with dummy positions provided for four coils not in use. Check switch turns on oscillator for spotting signals on receiver. Plate switch controls all "B" power and makes connections for remote control. Power switch is in 115-volt line. Deviation Control adjusts for 0.4 ratio on all bands. Osc. Plate Tuning operates osc. gang and calibrated dial. Power Amp. Tuning tunes final plate. Push-button meter switch throws milliammeter from final cathode to final grid.

PHYSICAL DATA: Gray steel cabinet with satin chrome trim. Piano-hinge top with interlock. Size 20 by 10 $\frac{1}{4}$ by 16 in. deep. Ship. wt. 98 lbs.

EXTERNAL CONNECTIONS: Microphone connector; keying terminals (osc. keying); 50—600 ohm output (pi-section coupling); six terminals for remote control of either trans. or rec.; four terminals in final screen and plate circuits for applying audio from external modulator for AM. Cord for 105—125 V. 50/60 cycle AC.

5 TUBES PLUS 2 VOLTAGE REGULATORS AND 3 RECTIFIERS: Three 6BA6—Osc., Freq. Modulator, and Speech Amp., 6L6 Buffer, 4-65A Final, VR-150 and VR-105 Regulators, 5Y3GT and two 866 Rectifiers.

Calibrated VFO . . . CW/NBFM

Modernize your present transmitter with this famous Hallicrafters exciter. Crystal or VFO, NBFM or CW on 5 Bands with all coils, speech amplifier, and power supply built in. Features never before available in one low-priced unit. Low frequency drift, low FM distortion, low hum level, excellent keying. Output 2.5 to 4.5 watts. Chassis similar to HT-19 above, less final amplifier.

CONTROLS: Operation Switch, Band Selector (ranges like HT-19), Check, Plate, Power, and Deviation switches. Single Tuning control.

PHYSICAL DATA AND CONNECTIONS:

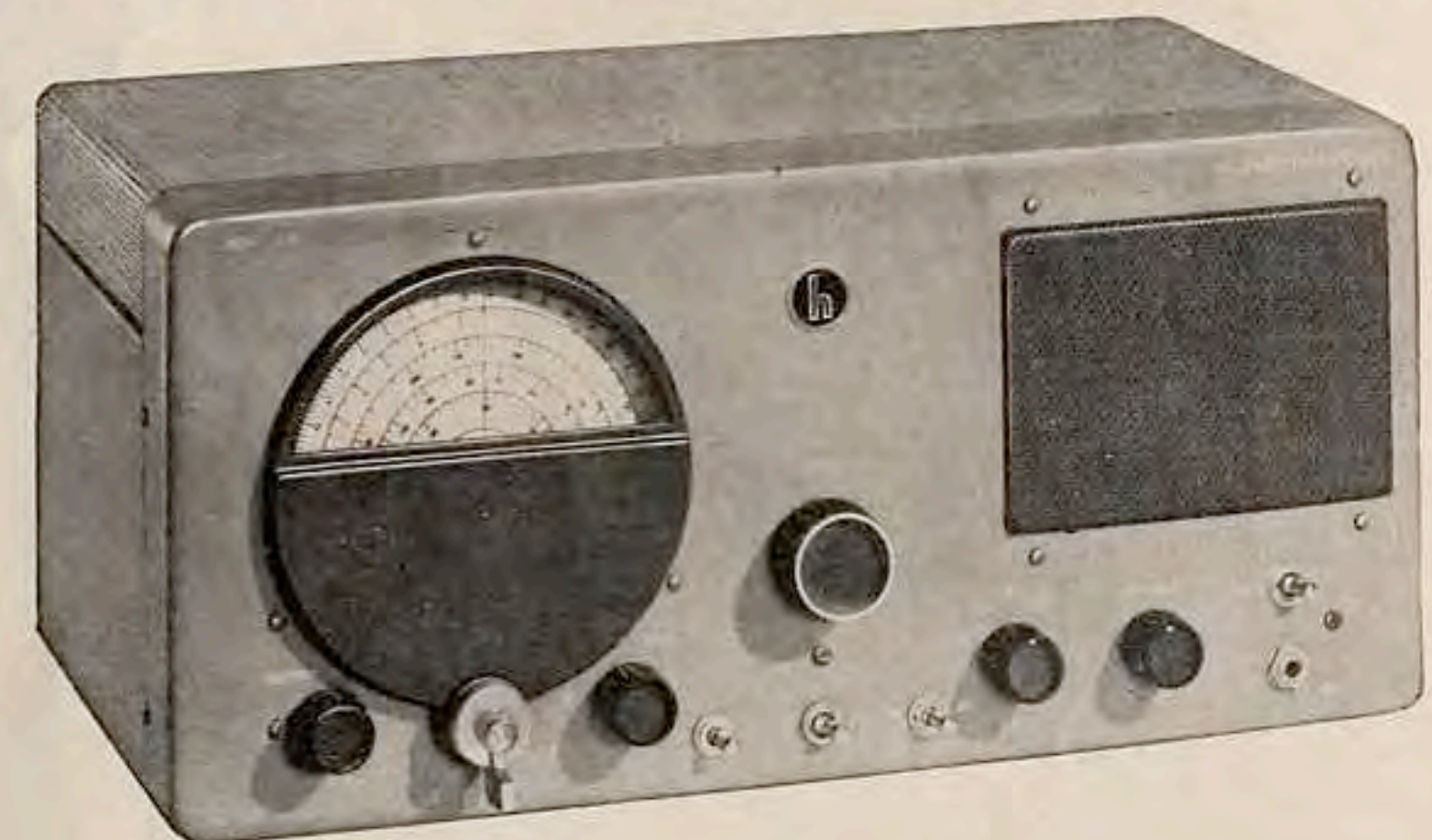
Satin gray cabinet, 12 $\frac{7}{8}$ by 7 by 7 $\frac{3}{4}$ in. deep. Shipping weight 24 lbs. Microphone, keying, remote control connections. 72-ohm output terminals.

TUBES: Three 6BA6, 6L6, VR-150, VR-105, 5Y3GT.



HT-18
\$110.00
Amateur Net

Dependable, All-Purpose Marine Receiver



S-51
\$149.50
Amateur Net

PERFORMANCE: Ruggedly constructed for sea or air use with special components to resist salt air, etc. Range 132 kc to 13 Mc. Three pre-tuned channels for fixed-frequency operation. 1020-cycle range filter for better voice reception on ranges. One RF, two IF stages. Temperature compensated.

CONTROLS: RF Gain; Band Selector 132—405 kc, 485—1530 kc, 1450—4550 kc, 4.2—13 Mc plus three fixed frequencies in 200—300 kc and 2—3 Mc ranges; AF Gain, CW/AM, Range Filter, ANL, Tuning, three-position Tone, CW Pitch, Rec./Send.

PHYSICAL DATA AND CONNECTIONS: Gray steel cabinet, 18 $\frac{1}{2}$ by 9 by 9 $\frac{1}{2}$ in. deep. Ship. wt. 30 lbs. Piano hinge top. Doublet or single wire antenna. Phone jack. Socket for 6, 12, or 32-V. vibrator pack (available separately). 105—125 V. DC or 50/60 cycle AC.

9 TUBES PLUS RECTIFIER: 6SS7 RF Amp., 7A8 Conv., two 6SS7 IF Amp., 7C6 Det., 7A6 ANL, 6SS7 BFO, 35L6GT or 6V6GT Output, 35Z5GT Rect.

Top-quality FM/AM broadcast radio



S-47
\$229.50
Amateur Net

Hallicrafters best radio for conventional home reception . . . comparable to chassis found in consoles in the \$600—\$800 price class. Special features include Automatic Frequency Control, push-button tuning on both Broadcast and FM, and high-fidelity audio.

Automatic Frequency Control gives unprecedented ease of tuning on FM—with unequalled accuracy. As a station is approached, this circuit "takes over" electronically and holds the station in perfect tune with knife-like precision.

PERFORMANCE: Covers Standard Broadcast, FM and three Short-Wave Bands. Two "band-spread" Short-Wave bands spread out stations across the dial for easier tuning of popular foreign broadcasts. Temperature compensated oscillator. One RF, three IF stages. 10-watt push-pull output; audio response 30—15,000 cycles for rich, resonant tone.

CONTROLS: Five push buttons for AM and five for FM; Band selector switch FM 88—108 Mc, AM 540—1720 kc, 5.9—18.2 Mc, 9—12 Mc, and 15—18 Mc. Three-position Bass Tone, four-position Treble Tone, Volume, FM tuning, AM tuning.

PHYSICAL DATA: Gray steel, satin chrome trim. Piano hinge top. Size 20 x 10¼ x 16 in. deep. Ship. wt. 66 lbs.

EXTERNAL CONNECTIONS: Doublet or single wire antenna. 500-ohm output (speaker not included—use R-42 on Page 3). Phonograph jack; 115 V. outlet for phono motor. Cord for 105—125 V. 50/60 cycle AC.

14 TUBES PLUS RECTIFIER: 6BA6 RF Amp., 6BE6 Mixer, 6J6 HFO and Auto. Freq. Control, two 6SG7 IF Amps., 6SG7 FM 3rd IF Amp. and AM Det., 6SH7 FM 4th IF, 6AL5 FM Det., two 6J5 and two 6SQ7 AF Amps., two 6V6GT Output. 5U4G Rect.



S-47C\$209.50

Chassis Only for Custom Installations

Same FM/AM chassis as in S-47 radio above. Offers superb performance with high-fidelity audio. For custom installations for those who prefer the finest. Size 18½ in. wide by 8½ in. high by 16 in. deep. Ship. wt. 47 lbs. Fits relay rack.

the Hallicrafters company

There is no other radio like a Hallicrafters. Its precision construction and skillful engineering will bring you superb performance on the short wave bands plus fine quality reception of your favorite broadcast programs. Thrilling land, sea, and air communications from all parts of the world plus hours of enjoyment on the amateur bands are yours with a Hallicrafters.

These world famous precision instruments have been sold in 89 different countries, used by 33 governments. They are remembered by veterans, prized by experts, and preferred by radio amateurs who want a radio that is all radio.

hallicrafters TELEVISION

In addition to the high quality communications instruments in this catalog, Hallicrafters also make a complete line of precision-built television receivers—from 7-inch table models to large 16 by 12-inch console models. The same advanced engineering that has characterized "the radio man's radio" now brings you improved television with pictures that are exceptionally sharp, bright, and stable.

Complete information on Hallicrafters television models is available in separate folders. Ask wherever Hallicrafters equipment is sold or write direct to—

the hallicrafters co.

4401 West Fifth Ave., Chicago 24, Illinois

All prices in this catalog include Federal Excise Tax, if any. Prices are subject to change without notice.