

Halli-Crafters

THE RADIO MAN'S RADIO

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★
THE

SX-42

APPROACHES

Classic

GREATEST CONTINUOUS FREQUENCY

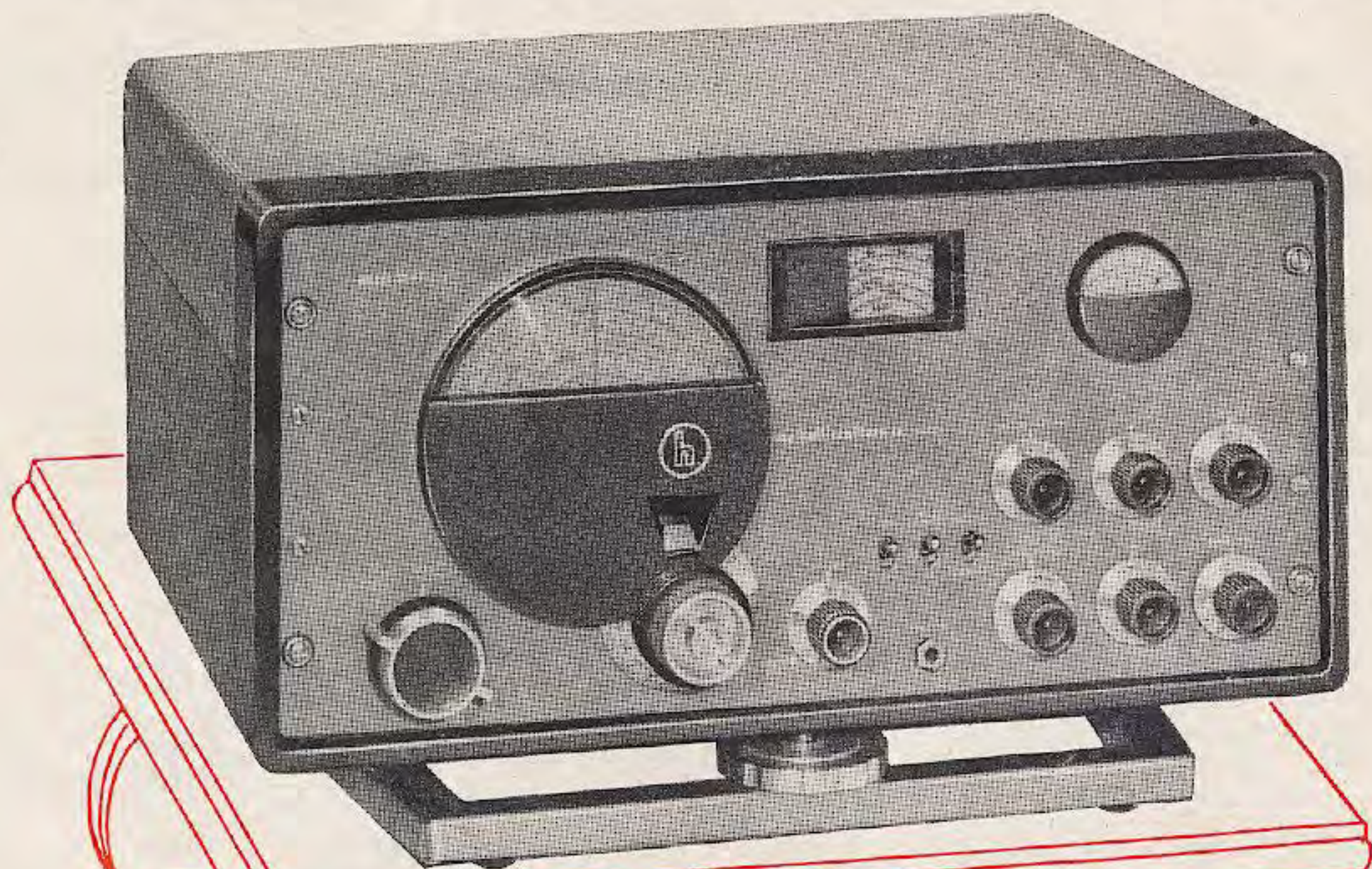
— from 540 kc. to 110

IN THE Model SX-42 Hallicrafters establishes a new high standard of receiver performance and versatility. Covering from 540 kilocycles to 110 megacycles, the SX-42 combines in one superbly engineered unit a top-flight standard and VHF communications receiver; standard, short-wave and FM broadcast receiver, and high fidelity phonograph amplifier.

The tremendous frequency range of the SX-42, greater continuous coverage than has ever before been available in a receiver of this type, is made possible by the development of a new "split-stator" tuning system

and the use of dual intermediate frequency transformers. Reception of amplitude modulated and continuous wave telegraph signals is provided for throughout the entire range of the SX-42. In addition, a discriminator and two limiter stages are available on bands 5 and 6 (27 to 110 megacycles) to permit the reception of frequency modulated signals. Musical reproduction of true high fidelity is assured by an audio system with a response curve essentially flat from 60 to 15,000 cycles and an undistorted output of eight watts.

The controls of the SX-42 are arranged for maximum convenience and simplicity of



\$275.00

Amateur Net

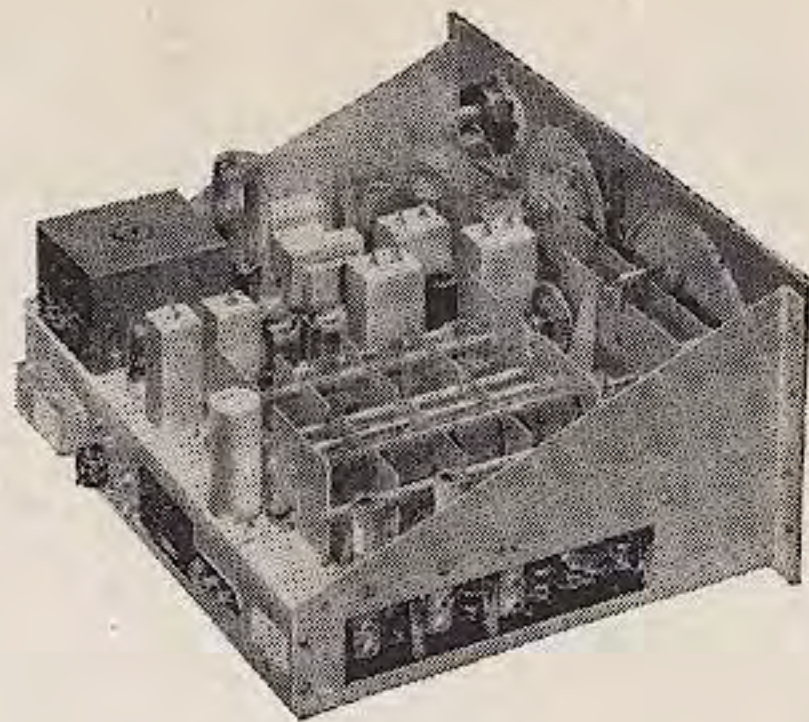
Elevating Base

B-42 — \$7.50

Perfection

COVERAGE

Mc. AM • FM • CW



operation. MAIN TUNING and BAND-SPREAD knobs are mounted coaxially, focusing the tuning functions in a single precision-built unit. BAND-SWITCH and VOLUME are located at either side of the main dial. Auxiliary controls such as CRYSTAL PHASING, SENSITIVITY, etc., are logically placed so that those most frequently used are in the most accessible positions. Hallicrafters new system of color coding makes it possible for the entire family to enjoy this fine receiver. The normal control positions for standard broadcast reception are indicated by tiny red dots while FM adjustments are in green.

The main tuning knob is provided with a precision vernier scale which is separately illuminated through a small window in the one-piece Lucite main dial housing. The main tuning dial is calibrated in megacycles and is marked with channel numbers in the new FM band of 88 to 108 megacycles. The bandspread dial is calibrated for the amateur 3.5, 7, 14, 28, and 50 megacycle bands. An additional logging scale is provided on this dial for use in other ranges. The small locking knob mounted coaxially with the main and bandspread tuning knobs permits either to be rotated freely while holding the other firmly in position.

AMATEURS SAY: "Unsurpassed CW performance"

IN ADDITION to its many new features the SX-42 continues all of the time-tried advantages characteristic of Hallicrafters top models. Freedom from drift and maximum stability are provided by temperature compensation and the use of a type VR-150 voltage regulator tube. A crystal filter circuit combined with variable intermediate frequency channel width offers six different degrees of selectivity on the four lower bands (to 30 megacycles). CRYSTAL

PHASING, CW PITCH, SENSITIVITY, and four-position TONE control for LOW, MED, HI FI, and BASS are all conveniently placed on the front panel as are RECEIVE/STANDBY, NOISE LIMITER, and AVC switches.

The beauty and modern functional styling of this new receiver are self evident. Without in any way detracting from the "precision instrument" appearance which characterizes fine communications equipment, Hallicrafters designers have succeeded in creating a receiver which is not out of place in the most luxurious surroundings. The rich deep gray of the panel, satin chrome "airodized" top, and light gray lettering with touches of red and green combine with the precision-tooled controls and light translucent green of the illuminated dials and meter in a harmoniously integrated whole.

R-42 SPEAKER

This is the first speaker of its size to offer the splendid advantages of the bass reflex principle. Heretofore the famous Jensen-originated bass reflex reproduction has been available only in large cabinet speakers. Now in this sleek, highly functional design, matching the new line of Hallicrafters receivers, the bass reflex feature is available in a compact speaker that offers a new high quality of reproduction. The R-42 was designed as a companion

piece to the SX-42 receiver but it may be used with any other receivers such as the SX-28 and the SX-43. The speaker size is 8 inches. Two-position switch on front panel for communications or high fidelity reception. Terminals on rear for 500-ohm line. R-42 size: 12½ in. deep, 11¾ in. high, 17 in. wide.



DIMENSIONS: Model SX-42. Cabinet only, 20 inches wide by 9¾ inches high by 16 inches deep. Overall, 20 inches wide by 10¼ inches high by 18 inches deep.

WEIGHT: Model SX-42. Receiver only, approximately 52 pounds. Packed for shipment, approximately 65 pounds. Model B-42, adjustable base, packed for shipment, approximately 5 pounds.

R-42 SPEAKER \$29.50

hallicrafters RADIO

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★
★
THE

SX-43

OFFERS SIX BANDS:

**All the essential amateur
frequencies from 540 kc. to 108 Mc.**



\$169.50

Amateur Net

THE Model SX-43 is designed for the discriminating amateur who demands excellent performance and wide frequency range at a medium price. This new member of the Hallicrafters line offers continuous coverage from 540 kilocycles to 55 megacycles and has an additional band from 88 to 108 megacycles. AM reception is provided on all bands except band 6, CW on the 4 lower bands and FM on frequencies above 44 Mc. In the band of 44 to 55 Mc., wide band FM or narrow band AM just right for narrow band FM reception is provided.

One stage of high gain tuned RF and a type 7F8 dual triode converter assure an exceptionally good signal-to-noise ratio. Image ratio on the AM channel on band 5 (44 to 55 Mc.) is excellent as the receiver is used as a double superheterodyne on this band. The new Hallicrafters dual IF transformers provide a 455 kilocycle IF channel for operating frequencies below 44 megacycles and a 10.7 megacycle IF channel for the VHF

bands. Two IF stages are used on the 4 lower bands and a third stage is added above 44 megacycles. Switching of IF frequencies is automatic. The separate electrical bandspread dial is calibrated for the amateur 3.5, 7, 14, and 28 megacycle bands and in addition is used to tune the 44 to 55 and 88 to 108 Mc. VHF bands, the main tuning gang being disconnected on these frequencies.

Every important feature for excellent communications receiver performance is included in the SX-43. The crystal filter and expanding IF channel provide four variations of selectivity on the lower frequency bands. Temperature compensation for freedom from drift, series type noise limiter, permeability-adjusted "microset" inductances in the RF circuits, separate RF and AF gain controls, color coding for simplified operation by the entire family, beautiful styling, all destine this new Hallicrafters receiver for top place in the moderate price field.



Everything **THE HAM ASKS FOR** in a medium price receiver

OUTSTANDING FEATURE: Wide band FM, AM or narrow band FM on 44-55 megacycles.

CONTROLS: BAND SELECTOR, TUNING, BANDSPREAD, TONE, RECEIVE/STANDBY, NOISE LIMITER, CRYSTAL PHASING, SELECTIVITY, SENSITIVITY, VOLUME AND POWER OFF, RECEPTION, CW PITCH.

EXTERNAL CONNECTIONS: Antenna connections for doublet or single wire. Input impedance matches 300-ohm line except on broadcast band which is designed for single wire antenna. Speaker terminals for 500 or 5000 ohms. Phone jack on front panel. Phonograph input connector on rear of chassis. Socket for use with external power supply. Remote standby control connections in power socket. Power cord, plug.

PHYSICAL CHARACTERISTICS: The cabinet of the Model SX-43 is styled in the new Hallicrafters pattern and is finished in rich satin gray. Panel and chas. may be removed as a unit for servicing without disturbing any con-

R-44 SPEAKER

Offers for the first time in a professional style cabinet, the advantages of an oval speaker.

The large oval size plus ample baffling give excellent low frequency response. The cabinet proportions and finish provide a perfect match with any communications receivers. Especially designed as a companion

unit to the SX-43, but it may also be used with the SX-25, SX-28, and SX-42. The speaker size is 6 x 9 inches. Two-position switch on front panel for communications on high fidelity reception. Terminals on rear for 500 ohm line.

R-44 size: 18½ in. wide

by 8½ in. high by 9⅝ in. deep \$19.50



trols. "Airodized" steel top swings open on full length piano hinge for maximum accessibility. Panel lettering is in light gray with incidental red and green markings for standard and FM broadcast reception. Dials are indirectly illuminated and are a light translucent green.

TUBES: 1—6BA6 RF amplifier; 1—7F8 converter-oscillator; 1—6SG7 1st IF amplifier; 1—6SH7 2nd IF amplifier and second converter, band 5 AM; 1—6SH7 3rd IF amplifier (10.7 Mc.); 1—6H6 AM detector and noise limiter; 1—6AL5 FM detector; 1—6SQ7 1st AF amplifier; 1—6J5 beat frequency oscillator or second converter oscillator, band 5; 1—6V6 audio output tube; 1—5Y3 rectifier.

OPERATING DATA: The standard Model SX-43 is designed for operating on 105-125 volts, 50/60 cycle alternating current. The universal Model SX-43U may be operated on 110, 130, 150, 220, or 250 volts, 25 to 60 cycles, alternating current. The standard model draws 90 watts at 117 volts. When operated from external batteries the heaters require 3.8 amperes at 6 volts and the plate circuit draws 105 milliamperes at 270 volts.

DIMENSIONS: Model SX-43. Cabinet only, 18½ inches wide by 8½ inches high by 12 inches deep. Overall 18½ inches wide by 8⅞ inches high by 13 inches deep.

WEIGHT: Model SX-43. Receiver only, approximately 35 pounds. Packed for shipment, approximately 45 pounds.

hallicrafters RADIO



S-40A

*-it covers from
540 kc. to 43 Mc.
and is called by hams*

\$89⁵⁰

**"ONE OF THE GREATEST RECEIVER
VALUES AVAILABLE"**

THE sensational new S-40A with the finest performance ever presented in the popular price field is housed in a cabinet of true functional design—a completely new conception of receiver beauty and styling.

The Model S-40A incorporates many circuit refinements and features never before available in this price class. The RF section uses permeability adjusted "micro-set" inductances, identical with those in the most expensive Hallicrafters receivers. Automatic noise limiter, temperature compensated RF oscillator, beat frequency oscillator, separate RF and AF gain controls, three-position tone control, separate electrical bandspread, with inertia flywheel tuning, and many other features make this beautiful new receiver an outstanding value.

Overall frequency range—540 kilocycles to 43 megacycles in 4 bands:

- Band 1—540 to 1700 kilocycles
- Band 2—1.7 to 5.35 megacycles
- Band 3—5.35 to 15.7 megacycles
- Band 4—15.7 to 43 megacycles.

Adequate overlap is provided at the ends of all bands.

CONTROLS: SENSITIVITY (including "S" meter on/off switch), BAND SELECTOR, VOLUME, TUNING, BANDSPREAD, AVC ON/OFF, CW/AM, NOISE LIMITER ON/OFF, TONE AND AC ON/OFF, PITCH CONTROL, STAND-BY/RECEIVE.

DIMENSIONS: Model S-40A. Cabinet only, 18½ inches wide by 8½ inches high by 9⅝ inches deep. Overall, 18½ inches wide by 9 inches high by 11 inches deep. Model SM-40 Meter. Overall, 5¾ inches wide by 4 inches high by 4½ inches deep.

WEIGHT: Model S-40A. Receiver only, approximately 28 pounds. Packed for shipment, approximately 33 pounds. Model SM-40. Meter only, approximately 1¾ pounds. Packed for shipment approximately 3 pounds.

MODEL SM-40 "S" METER

This new external "S" meter is available as an accessory and can be easily connected through a special socket on the rear of the receiver chassis. May also be used with other Hallicrafters models such as the S-20R, S-18, etc.



2

IMPORTANT ADDITIONS
TO THE **hallicrafters** LINE

S-53

COMMUNICATIONS
RECEIVER

T-54

TELEVISION
RECEIVER

T Television



Model

Sharp, clear constantly stable pictures in a typical Hallicrafters package ... precisely engineered, beautifully designed

One of the most important contributions of Hallicrafters to the art of communications is the development of the Model T-54 to sell at \$169.50. The high frequency circuits and precision engineering that good television requires are the special domains of Hallicrafters engineers. Only Hallicrafters could build a set of this unusual quality at this price.

The receiver is furnished complete in one package, with the viewing tube installed.

It is housed in an attractively styled cabinet finished in rich silver gray; has "airodized" top on full length piano hinge; control panel in deep gray. Strictly modern functional design.

by **hallicrafters**

Model **T-54**

\$169⁵⁰

Amateur Net

...THE LEADING SPECIALISTS IN HIGH FREQUENCY, HIGH PRECISION EQUIPMENT...PRESENT SENSIBLY PRICED "SIGHT AND SOUND" COMMUNICATIONS WITHIN THE REACH OF ALL...

The 7" electrostatic tube provides a picture size 4" by 5 $\frac{7}{8}$ " with perfect clarity—just right for the apartment, den, or living room.

Front panel controls: Contrast, brightness, volume, horizontal hold, vertical hold, fine tuning and 13 push buttons for channels selectivity.

Uses inter-carrier modulation type FM sound system, and a built-in 4" by 6" PM dynamic speaker.

A special automatic gain control circuit controls the I.F. system to maintain constant reception in spite of atmospheric or other variations in signal strength from the transmitting station. The sensitivity and distance reception is amazing and comparable to those in the much higher price brackets. Has three stages of I.F. using iron core I.F. Transformers. Eighteen tubes plus cathode ray and three rectifiers.

The T-54 has a transformerless power supply system and operates from 105 to 120 volts, 50-60 cycle alternating current.

Cabinet Size: 20" wide, 16" deep, 9 $\frac{3}{4}$ " high.

Weight: Approximately 35 lbs.

hallicrafters Television

NEW!



\$79.50

Amateur Net

**5 Bands from
540 kc. to 54.5 Mc.**

Model S-53

RECEIVER

THE latest addition to the Hallicrafters line of high quality communications receivers is the Model S-53—certain to be highly popular with amateurs from both price and performance standpoint.

Slide rule type dial, accurately calibrated, edge illuminated glass, and beautifully colored. Separate bandspread control and scale for fine tuning, with full electrical bandspread. Other front panel controls: RF gain, AF gain, Standby-Receive Switch, Phone-CW Switch, Tone Control Switch, Noise Limiter Switch, and Band Selector Switch. Speaker-Phone Switch and Phone Jack in rear panel. Also, Phono Jack for record pick-up connection.

SPECIFICATIONS:

The antenna circuit is designed for conventional single wire or doublet antenna.

Employs 2 mc. IF for improved image ratio, and positively eliminates all amateur station images or repeat points within the amateur bands.

Has voltage-stabilized oscillator, iron core IF Transformers, and outstanding sensitivity. Incorporates the latest series type noise limiter circuit. Has built-in PM dynamic speaker and 2½ watts output.

Latest high frequency tubes used: 6C4 Oscillator; 6BA6 Mixer; 6BA6 1st IF Amplifier; 6BA6 2nd IF Amplifier; 6H6 Detector, A.V.C., A.N.L. 6SC7 BFO and 1st Audio, 6K6GT Audio Output, 5Y3 Rectifier.

The S-53 operates from 105-125 volts, 50-60 cycles, A.C. The S-53-U operates from 110, 130, 150, 220, or 250 volts, 25-60 cycles, A.C.

Cabinet Size: 12⁷/₈" wide, 6⁷/₈" high, 7⁷/₈" deep.

Shipping Weight: Approximately 23 pounds.

hallicrafters RADIO



LOWEST PRICED COMMUNICATIONS RECEIVER

S-38



Amateur
Net

\$47⁵⁰

Goes Anywhere - Everywhere

... A REAL BUY

THE Model S-38 meets the demand for a truly competent communications receiver in the low-priced field. Styled in the postwar Hallicrafters pattern and incorporating many of the features found in its more expensive brothers, the S-38 offers performance and appearance far above anything heretofore available in its class. Four tuning bands, CW pitch control adjustable from the front panel, automatic noise limiter, self-contained PM dynamic speaker and "Airodized" steel grille, all mark the S-38 as the new leader among inexpensive communications receivers.

The S-38 is an especially fine receiver for younger people just beginning to find the unending fascination offered by radio as a hobby. In addition to being a good standby receiver for any amateur, the S-38 has unlimited uses. Its compact functional design, its high performance on both short waves and standard broadcast reception make it an ideal receiver for use in den or library, in college dormitory, at camp or cottage or in any room around the house wherever a good extra receiver at a low cost is desired.

FEATURES

Overall frequency range—540 kilocycles to 32 megacycles in 4 bands:

- Band 1—540 to 1650 kc.
- Band 2—1.65 to 5 Mc.
- Band 3—5 to 14.5 Mc.
- Band 4—13.5 to 32 Mc.

Adequate overlap is provided at ends of all bands.
Main tuning dial accurately calibrated.
Separate electrical bandspread dial.

Beat frequency oscillator, pitch adjustable from front panel.

AM/CW switch. Also turns on automatic volume control in AM position.

Standby/receive switch.

Automatic noise limiter.

Maximum audio output—1.6 watts.

Internal PM dynamic speaker mounted in top.

Controls arranged for maximum ease of operation.

105-125 volt AC/DC. Resistor line cord for 210-250 volt operation available.

Speaker/phones switch.

CONTROLS: SPEAKER/PHONES, AM/CW, NOISE LIMITER, TUNING, CW PITCH, BAND SELECTOR, VOLUME, BANDSPREAD, RECEIVE/STANDBY.

EXTERNAL CONNECTIONS: Antenna terminals for doublet or single wire antenna. Ground terminal. Tip jacks for headphones. Line cord and plug.

OPERATING DATA: The Model S-38 is designed to operate on 105-125 volts AC or DC. A special external resistance line cord can be supplied for operation on 210 to 250 volts AC or DC. Power consumption on 117 volts is 29 watts.

DIMENSIONS: Model S-38, Cabinet only, 12⁷/₈ inches wide by 6⁷/₈ inches high by 7⁷/₈ inches deep. Overall, 12⁷/₈ inches wide by 7³/₈ inches high by 8⁵/₈ inches deep.

WEIGHT: Model S-38. Receiver only, 11 pounds. Packed for shipment, 13¹/₂ pounds.

hallicrafters RADIO

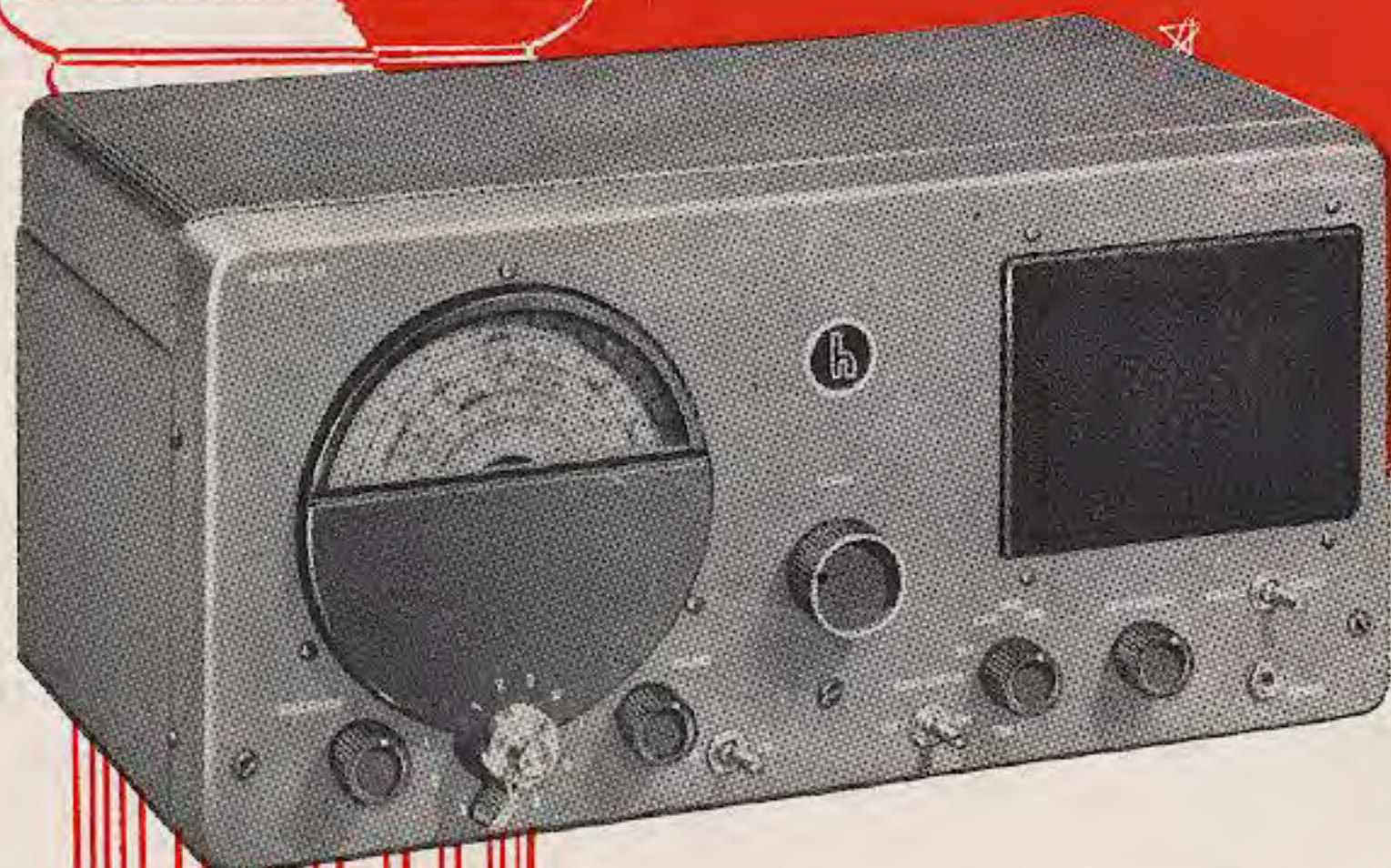
☆ ☆
For land - sea - air communications

S-51

NEW RECEIVER

- **Low price**
- **Highly dependable**

Prices on Request



Frequency coverage from 132 kc. to 13 Mc. in 4 bands . . . plus three fixed frequency channels which may be pre-set in the range between 200 to 300 kc. and 2 Mc. to 3 Mc.

YACHTSMEN, mariners, pilots and all who depend on specialized communications equipment for safe land, sea and air operations will find in the S-51 just what they have been looking for. Covering from 132 kc. to 13 Mc., the S-51 provides reception on all important channels — airport towers, Coast Guard stations, weather stations and other vital communications outlets. Maximum convenience is assured through the use of a directly calibrated main tuning dial and the division of bands so that calling and working frequencies lie in the same band.

Styled to match the balance of the highly functional Hallicrafters line, the S-51 is especially rugged. Precautions have been taken to protect the model against the hazards of salt sea atmosphere. Trimmer condensers are treated to maintain their adjustment, transformers are impregnated and the chassis is heavy cadmium plated to resist the roughest sort of treatment. Temperature compensation for freedom from drift and permeability adjusted "microset" inductances in RF circuits add to the receiver's stability and high quality. Iron cores are used with silver mica capacitors for high stability.

Two outstanding features set the S-51 well above average:

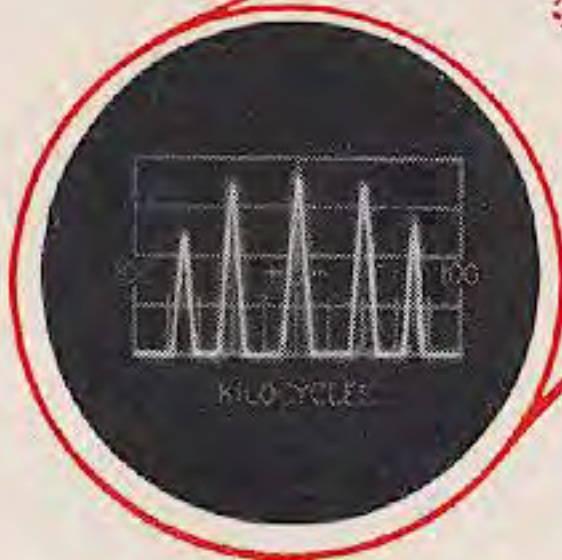
1. VERSATILITY. The S-51 can be used practically anywhere. Equipped for 110 volt AC/DC operation, provision is made for the addition of power supply combinations permitting operation from either 6, 12 or 32 volt batteries.

2. FIXED FREQUENCIES. Besides the four tuning ranges covered by regular tuning controls there are three fixed frequency channels which can be pre-set to be brought in with a flick of the switch. Provision is made for pre-setting on one fixed frequency between 200 to 300 kc. and on two frequencies between 2 Mc. and 3 Mc. Private pilots, who from home or airport want to keep constantly tuned to a certain weather station, sailors and yachtsmen who must keep in regular touch with certain Coast Guard stations and others who depend on fast, regular communications over fixed frequencies, will find the S-51 invaluable in this regard.

In addition to other features the S-51 has a beat frequency oscillator with pitch variable from the front panel; combined a.v.c. and b.f.o. switch; separate r.f. and a.f. gain controls; inertia flywheel tuning and a PM speaker with internal rubber shock mounting.

Ten Tubes Including
Cathode Ray Tube
\$49.50 Amateur
Net

SEE WHAT YOU'RE LOOKING FOR



LOTS MORE QSL's
with the **Skyrider Panoramic**

SP-44

HALLICRAFTERS Skyrider Panoramic, Model SP-44 is actually a "third hand" to help you reach for new horizons in ham radio. You get lots more QSL's with the Hallicrafters Panoramic because you can "see" and "feel" your way over a wide stretch of the radio spectrum. The Panoramic shows not only the received signal but every signal 100 kc. on either side of the received signal . . . provided visual sweepwidth is set at maximum. By making a wide range of radio signals visible a new dimension is added to the field of radio operating. Listed opposite are a few of the things Panoramic enables you to do:

1. Spot frequency modulation or parasites on an amplitude modulated signal.
2. Measure percentage of modulation and the quality of the signal being transmitted under all conditions.
3. Read signal strength instantaneously, aiding in quickly adjusting the output stages of the transmitter or the field pattern of directional antennas.
4. Check other frequencies against known standards or the receiver calibrations. Any frequency drift can be spotted immediately.
5. Show where and how much to shift frequency to avoid interference once a QSL is under way.

Precision instruments for VERY HIGH FREQUENCY WORK

S-37



provides sensitivity and selectivity in the range from 130 to 210 Mc. that is in every way comparable to the performance of fine communications receivers on the standard frequencies.

A new pre-loaded gear drive with separate bandspread dial provides ease of tuning, and the entire range of the receiver is covered without band-switching. Two RF stages are used and in conjunction with an intermediate frequency of 16 Mc. assure an amazingly high ratio of image rejection. Hermetically sealed transformers and capacitors make the Model S-37 suitable for use in any climate.

This new receiver again emphasizes Hallicrafters pre-eminence in the commercial production of VHF equipment.

\$59.75

Amateur Net

THE Model S-37 has been designed to fill the need for very high frequency equipment with the performance characteristics of Hallicrafters top communications receivers, and a frequency range extending above 200 Mc. Basically similar to the Model S-36A this new receiver incorporates the latest developments in VHF circuit design and

hallicrafters RADIO



S-47

AM-FM RECEIVER FOR SPECIALIZED INSTALLATIONS

A superb radio chassis with push button tuning

HERE is a brand new kind of receiving instrument, designed by Hallicrafters to fill a long felt need. It is a 14 tube (plus rectifier) AM and FM receiver with an overall frequency range of 535 kc. to 108 Mc. in three bands with five positions on the band switch. A new development is the addition of push button controls for FM tuning. There are push button controls for the AM tuning also. This is a high precision, fine quality receiver that will have numerous applications in homes, schools or public institutions or in any location where a good specialized

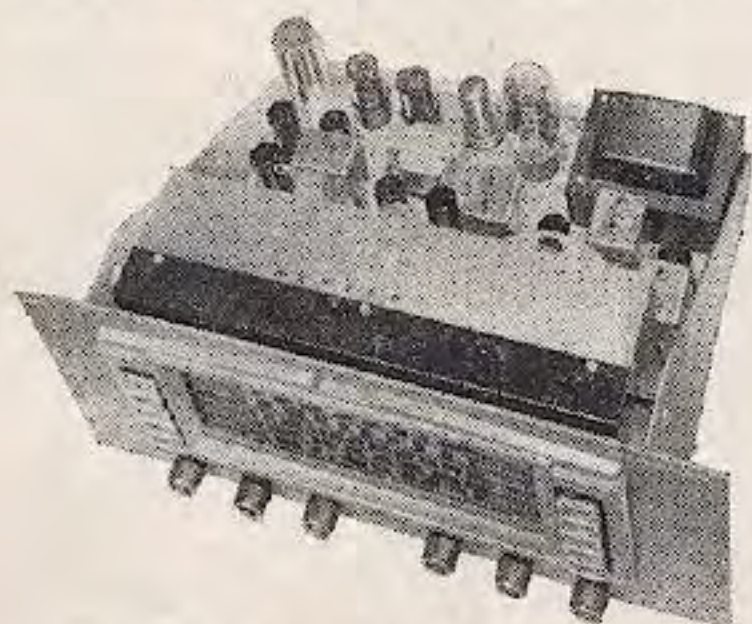
radio installation is needed. Styled to match the new Hallicrafters line, the S-47 receiver lends itself perfectly to "custom" installations of your own choosing—such as in specially designed cabinets in bookcases or built-in sound systems for fine homes. Here is radio that is all radio, made simple to operate with the push button controls and the wide, easily read dial.

CONTROLS: BAND SELECTOR AND PHONO SWITCH, AM TUNING, FM TUNING, FIVE AM PUSH BUTTONS, FIVE FM PUSH BUTTONS, VOLUME, TREBLE TONE AND AM SELECTIVITY, BASS TONE AND POWER ON/OFF.

EXTERNAL CONNECTIONS: Antenna connections for single wire or doublet AM antenna and doublet FM antenna. AC power cord. Power outlet for phono motor connection. Phono input socket. 500 ohm speaker terminals.

OPERATING DATA: The Model S-47 receiver is designed for operation on 105-125 volts 50/60 cycle alternating current. The power drain is 100 watts. It may be used with any speaker having 500/600 ohm input.

OVERALL DIMENSIONS: S-47 (with steel cabinet) 10 $\frac{3}{8}$ in. high, 16 $\frac{1}{2}$ in. deep, 20 in. wide **\$200⁰⁰**



S-47 C CHASSIS ONLY

Same chassis, available without the steel cabinet. Overall dimensions: 8-11/16 in. high, **\$189⁵⁰**
16 in. deep, 18-15/16 in. wide

Amateur Net

Modernize **YOUR OLD TRANSMITTER**



New Variable Master Oscillator

. . . the Model

HERE is the hottest transmitter item available today! Narrow band FM and calibrated 5-band V.F.O. complete in one compact cabinet with all coils and power supply built in. These outstanding features have never before been available in one low-priced unit, including low frequency drift, low FM distortion, low hum and noise level, excellent keying, voltage regulators, and low impedance output circuit.

This is the unit you have been waiting for to modernize your old transmitter, whether it is a 50-watt or a one-kilowatt station.

The HT-18 is also a valuable tool for antenna tuning on all ham bands. Run a quick response curve of the antenna to find the best operating frequency.

Do you have B.C.I. trouble? Simple; just add an HT-18 on narrow band FM and watch the neighbors smile and say "Hello" again.

HT-18



- ★ **Directly calibrated for easy operation**
- ★ **Incorporates narrow band FM**
- ★ **As easy to tune as a modern receiver**
- ★ **Excellent stability**
- ★ **Good clean keying**

\$110.00

Amateur Net

hallicrafters RADIO

FIRST
of its kind



... a low power, high quality,
low price **TRANSMITTER**

HT-17

\$47.50

(Less coils
and crystals)

Amateur Net

THE Model HT-17 offers real Hallicrafters transmitter performance with maximum convenience and economy. No larger than a small receiver and styled to match the postwar Hallicrafters line, this new transmitter provides an honest 10 to 20 watts of crystal-controlled CW output on the amateur 3.5, 7, 14, 21, and 28 megacycle bands.

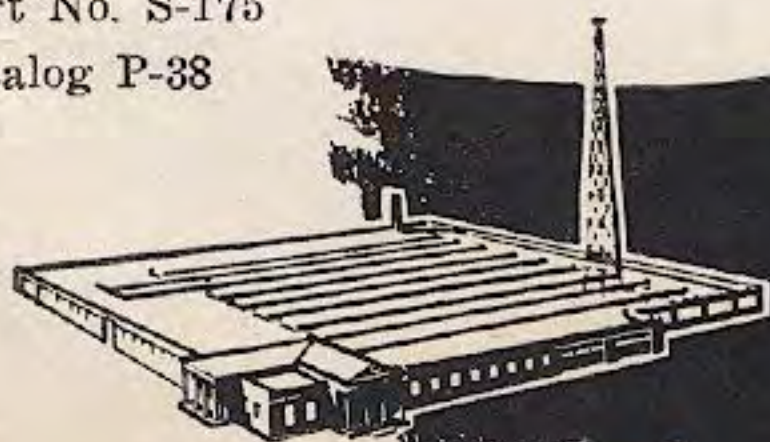
A pi-section matching network is an integral part of the plate circuit and, together with an adjustable link, provides coupling to any type of antenna or permits the HT-17 to be used as an exciter for a high power final amplifier. The

oscillator stage uses a type 6V6-GT tube and is automatically switched to a Tritet circuit when coils for the three higher bands are plugged in. Full output on the 14, 21, and 28 megacycle bands is obtained with 7 megacycle crystals. A type 807 tube is used in the final amplifier, and the self-contained power supply, for 105-120 volt AC operation, employs a 5Y3-GT rectifier. Connections are provided for an external modulator. The "Airodized" steel top opens on a full length piano hinge for maximum accessibility and ease in changing coils and crystals. A pilot lamp is provided on front panel for tuning. Coil sets extra.

Where to Buy

K L O D E
— Furniture Company —
INTERIOR DECORATORS and FURNISHERS
N. Second Street at N. Plankinton Ave.
Milwaukee, Wis.

Part No. S-175
Catalog P-38



hallicrafters RADIO

THE HALLICTRAFTERS CO.
4401 W. Fifth Ave., Chicago 24, Illinois