



MODEL SX-133
NEW COMMUNICATIONS-TYPE
BROADCAST AND SHORT WAVE
RADIO RECEIVER

THE SX-133 IS A COMMUNICATIONS-TYPE AM BROADCAST AND GENERAL COVERAGE SHORT WAVE RADIO RECEIVER FOR MONITORING APPLICATIONS ON INTERNATIONAL SHORT WAVE BROADCAST BANDS, AMATEUR BANDS, AND MARINE SHIP-TO-SHORE FREQUENCIES.

The SX-133 is an advanced communications-type receiver which covers the AM broadcast band and 81 short wave radio services from 1.7 MHz to 31.5 MHz in four tuning ranges. The SX-133 receives code (CW), voice (AM) and single-sideband (SSB) modes including marine ship-to-shore, foreign broadcasts, amateur transmissions, and emergency channels for weather stations, WWV, Civil Defense (CD), Armed Forces ground communications as well as local and long distance standard AM broadcasts.

The electrical band spread is a large illuminated slide-rule type, calibrated for the 80, 40, 20, 15, and 10 meter amateur bands; 11 meter Citizen's band and the 49, 31, 25, and 19 meter international short wave

broadcast bands with color-coded reference to main tuning dial.

Electrically, the SX-133 is a superheterodyne receiver with a tuned RF stage providing 30% to 40% more pulling range than conventional receivers. Other features include selectable automatic noise limiter (ANL), calibrated BFO for USB/LSB/CW, product detector for SSB/CW, crystal filter, antenna trimmer, "S"-meter, and provision for 100 kHz crystal calibrator accessory (not included).










The SX-133 has many professional-type communications features which can be easily used to monitor world-wide military, professional, and entertainment radio services.

YOU'RE IN THE GLOBAL COMMUNICATIONS COMMUNITY WITH A HALLICRAFTERS



SPECIAL FEATURES OF THE SX-133



-  Covers standard AM broadcast 535 to 1610 kHz; continuous short wave 1.7 to 31.5 MHz.
-  Electrical bandspread calibrated for 80, 40, 20, 15, 10 meter amateur bands, 11 meter citizens band and 49, 31, 25, 19 meter short wave BC bands with logging scale on slide rule dial
-  Crystal filter for added selectivity
-  Product detector for SSB/CW
-  "S"-meter for accurate tuning
-  Antenna trimmer for signal peaking
-  Selectable ANL
-  Manual RF and AF controls
-  Crystal phasing for exact band width adjustment

CONTROLS

RF Gain
 Band Selector
 Antenna Trimmer
 Crystal Phase
 Selectivity
 Noise Limiter On/Off
 Phone Jack
 Mode: AM/CW/SSB
 BFO
 Audio Gain
 Bandspread Tuning
 Main Tuning
 Crystal Calibrator On/Off

FREQUENCY COVERAGE

Tuning range 1: 535 kHz to 1610 kHz
 Tuning range 2: 1.725 MHz to 4.7 MHz
 Tuning range 3: 4.5 MHz to 13.0 MHz
 Tuning range 4: 11.9 MHz to 31.5 MHz

BANDSPREAD CALIBRATIONS

80M: 3.5 MHz to 4.0 MHz	49M: 5.9 MHz to 6.25 MHz
40M: 6.9 MHz to 7.4 MHz	31M: 9.45 MHz to 9.8 MHz
20M: 13.5 MHz to 14.4 MHz	25M: 11.65 MHz to 12.0 MHz
15M: 20.0 MHz to 22.0 MHz	19M: 15.05 MHz to 15.5 MHz
10M: 26.0 MHz to 30.0 MHz	Logging: 0 to 100 scale

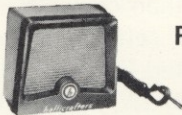
EXTERNAL CONNECTIONS

3.2 ohm speaker audio output terminals (SX-133 requires an external speaker) remote control standby terminals, single wire or doublet antenna terminals, ground connection, AC power cord, "S"-meter electrical adjustment and universal impedance phone jack.

PHYSICAL DATA

Painted steel cabinet with extruded aluminum cast trim. Black, grey, white and silver accents with color coded bandspread reference to main tuning dial. Dimensions: 18 $\frac{1}{4}$ " wide, 8" high, 9 $\frac{3}{4}$ " deep. Weight 31 lbs. For 110 volt, 50/60 cycle AC. Power consumption 48 watts. UL listed.

ACCESSORIES



R47 4" speaker for voice frequencies only. Dimensions 5 $\frac{1}{4}$ " by 5 $\frac{1}{2}$ " by 3 $\frac{1}{2}$ ". Shipping weight 3 lbs.



R50 High Efficiency 4" by 6" oval speaker for voice and program material. Dimensions 8 $\frac{1}{4}$ " by 8 $\frac{3}{8}$ " by 9 $\frac{7}{8}$ ". Shipping weight 6 $\frac{1}{2}$ lbs.

R51 Same as R50 with addition of 24-hour digital clock. Shipping weight 7 lbs.

HA19 100 KHz plug-in crystal calibrator.

RA48 Professional communications headphones. Shipping weight 1 lb.

PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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