

AVERAGE CHARACTERISTICS

Total primary current at 115 Volt-60 cycles:

Using Type 697 power pack: .6 amperes

Using Type 5886 power pack: .4 amperes

Sensitivity: 1. microvolt input through IRE standard dummy antenna to deliver 2.0 watts output with a 7000 ohm load.

Selectivity:

Crystal filter off:

Ratio	Bandwidth K.C.
2	3.0
10	7.5
100	14.0
1000	21.5

Crystal filter in:

Max. selectivity — effective total width 200 cycles

Min. selectivity — effective total width 2.5 K.C.

C.W. Noise Equivalent: .2 microvolt

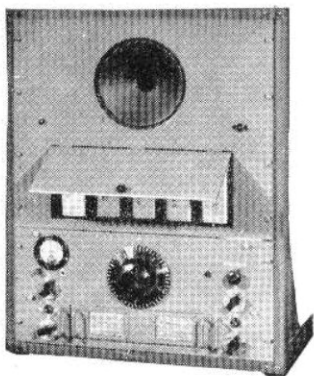
Signal-to-Noise Ratio at 5 microvolts: 16 db.

(Ratio of output, with 30% modulation ON/OFF)

Input Impedance at Antenna Terminals: 500 ohms (average)

Maximum Undistorted Power Output: 1.5 Watts.

AVC Characteristic: Flat within \pm 10 db. between 1.0 and 100,000 microvolts.



HRO-SPC

A complete self-contained receiver is the unit pictured at the left. It consists of a panel mounted HRO receiver, an SPC unit and an MRR relay rack. The SPC unit combines the power supply, speaker and five compartment coil storage cabinet.

HRO panel height $8\frac{3}{4}$ ''; SPC panel height $15\frac{3}{4}$ ''; panel capacity $24\frac{1}{2}$ ''.

Prices on page 19.

HRO JUNIOR

The HRO Junior is identical to the HRO standard receiver in its circuit and mechanical details but is lower in price due to the omission of the crystal filter, signal strength meter and bandspread coils. As standard equipment it is supplied with tube lineups the same as the HRO and has one set of general coverage coils which covers from 14 to 30 megacycles providing reception on both the 10 and 20 meter amateur bands.

Its power supply requirements are identical to the corresponding HRO standard types.

On special order, bandspread and low frequency HRO type coils can be adjusted for operation in an HRO Junior receiver.