

SPECIFICATIONS

CIRCUIT SYSTEM:

Super heterodyne	
Tuning Range:	87.4 to 108 MHz
Intermediate Frequency:	10.7 MHz
Antenna Impedance:	300 ohm and 75 ohm
Usable Sensitivity:	1.7 μ V (9.8 dBf)
Sensitivity at S/N 50 dB:	mono 3.3 μ V (15.6 dBf) stereo 30 μ V (34.7 dBf)
Effective Selectivity:	wide 35 dB (400 kHz) narrow 65 dB (300 kHz)
Image Rejection:	120 dB
IF Rejection:	110 dB
Spurious Rejection:	110 dB
AM Suppression:	65 dB
Capture Ratio:	wide 0.8 dB narrow 1.5 dB
Frequency Response:	20 Hz to 15 kHz $\begin{matrix} +0.2 \\ -1.5 \end{matrix}$ dB
Signal to Noise Ratio:	mono 84 dB stereo 82 dB
Total Harmonic Distortion:	mono wide 0.05% narrow 0.1% stereo wide 0.06% narrow 0.3%
Stereo Separation:	wide 1 kHz 55 dB, 10 kHz 45 dB narrow 1 kHz 50 dB, 10 kHz 40 dB
Carrier Leak (19 kHz, 38 kHz):	80 dB

OUTPUT VOLTAGE

Fixed Output:	-1.3 V (100% modulation)
Output Impedance:	1.7 k ohm
Variable Output:	0 to 1.3V (100% modulation)
Output Impedance:	1.7 k ohm

LEVEL METERS

Indication Error:	± 0.2 dB
Measuring Range:	+10, +20, +30 dB (0 dB: 0.7 rms)
Frequency Response:	20 Hz to 15 kHz ± 0.5 dB

POWER SOURCE:

AC 120 V, 60 Hz (for U.S.A. and Canada)
or AC 240 V, 50 Hz (for U.K.)
or AC 220 V, 50 Hz (for Europe)

POWER CONSUMPTION: 15 W

DIMENSIONS:

434 mm (W) x 164 mm (H) x 400 mm (D)
17-5/64" (W) x 6-29/64" (H) : 15-3/4" (D)

WEIGHT:

11 kg, 24.3 lbs

Design and specifications subject to change without notice.

BLOCK DIAGRAM

