

SPECIFICATIONS – Cont'd

A.F. SELECTIVITY:

Audio response essentially flat from 300 to 3000 cycles ± 3 db. Audio output, 3 watts to a 4 ohm external speaker.

SENSITIVITY:

Less than 0.25 microvolts at 50 ohms impedance for signal-plus-noise to noise ratio of 10 db.

IMAGE REJECTION:

Minimum 55 db. at 30 mc., increasing to better than 75 db. at 3 mc.

FRONT PANEL CONTROLS:

A.F. GAIN (ON-OFF CONTROL) . . . R.F. GAIN . . .
SIDE BAND SELECTOR: *AM-NORMAL-OPP* . . . SELEC-
TIVITY: *0.6-2.7-6.0 KC* . . . VFO CONTROL: *XCV-R-*
SPLIT-XCV-T . . . FUNCTION SWITCH: *STBY-ON-EXT-*
MUTE-CAL 100 KC 25 KC . . . BAND SWITCH: *3.8-7.1-*
14.2-21.3-10M . . . PRESELECTOR . . . AGC CONTROL:
SLOW-FAST-OFF . . . MAIN TUNING . . . DIAL SET.

REAR PANEL CONTROLS AND CONNECTIONS:

EXT OSC. . . TO 600-T . . . VFO CONTROL JACKS: *J2-*
J3 . . . GND TERMINAL . . . S-METER ZERO . . . FUSE
2A . . . POWER CORD . . . SPKR JACK . . . CAR. OSC.
TEST JACK . . . ANTENNA JACK *J1*.

TRANSISTOR COMPLEMENT:

Q1	MPS3693	Crystal Calibrator
Q2	MPS3693	Crystal Calibrator
Q3	MPS3693	Crystal Calibrator
Q4	MPS3693	Crystal Calibrator
Q5	2N706	VFO Oscillator
Q6	2N706	Buffer Amplifier
Q7	2N706	Isolation Amplifier
Q8	2N706	Isolation Amplifier
Q9	2N706	BFO Amplifier

DIODE COMPLEMENT:

D101	1N914	R.F. GAIN Diode
D501	1N34A	Product Detector Diode
D701	2N914	AGC Diode
D702	1N914	AGC Diode
D703	1N914	AGC Diode
D1201	1N4002	Power Supply Diode
D1202	1N4002	Power Supply Diode
D1203	1N4002	Power Supply Diode
D1204	1N4002	Power Supply Diode
D1205	1N4002	Power Supply Diode
D1206	ZENER	Voltage Regulator

VACUUM TUBE COMPLEMENT:

V1	6BZ6	R.F. Amplifier
V2	6BZ6	Mixer
V3	12BA6	First I.F. Amplifier
V4	12BA6	Second I.F. Amplifier
V5	12AX7	Product Detector/First Audio Amplifier
V6	12AQ5	A.F. Output
V7	12AV6	AGC Amplifier

POWER REQUIREMENTS:

117 volts, 50-60 cycles. Current consumption: 1 amp in STBY position or ON position.

DIMENSIONS:

15 inches wide
6-1/2 inches high
12 inches deep
Weight – 23 pounds