

SPECIFICATIONS

TRANSMITTER SECTION

Power Input To Final RF Amplifier:	Approximately 5 watts.
Frequency Control:	8 mc to 8.22 mc quartz crystal. Pin spacing .500". Pin diameter .093". FT-241 or FT-243 crystal holder.
Modulation:	AM plate modulation, automatically limited to not more than 100%.
Output Impedance:	50 or 72 Ω .

RECEIVER SECTION

Receiver Type:	Superregenerative detector preceded by RF pre-amplifier stage.
Sensitivity:	Usable with signals as low as 1 microvolt at the antenna terminals.
Speaker Size:	3-1/2" round.
Audio Power Output:	Approximately 1 watt (undistorted).
Tuning Range:	143.0 mc to 149.0 mc.

POWER SUPPLY

Power Rectifier:	Two silicon diodes in full-wave voltage doubler circuit.
Power Requirements:	With built-in supply: 105-125 volts 50/60 cycle AC 45 watts. With external supply: 6 volt operation - 6 volts at 2.35 amps, 260 volts DC at 90 ma. 12 volt operation - 12 volts at 1.2 amps, 260 volts DC at 90 ma.

ACCESSORIES

Microphone:	Ceramic element type, plastic case. Suitable for either hand or desk operation.
Connecting Cables:	Two supplied, one for 105-125 volt AC operation and one for 6 or 12 volt external DC power supply use. Power circuits are automatically switched for internal or external power supply use when cable is plugged in.