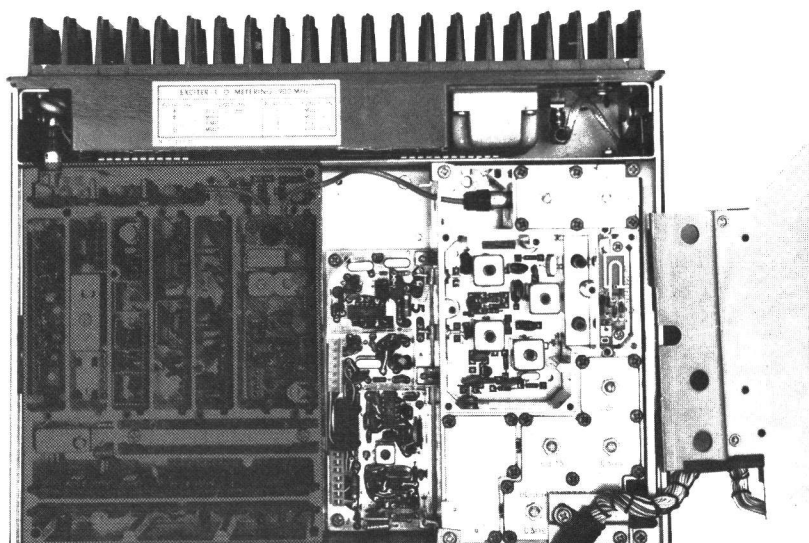


# GE-MARC V MAINTENANCE MANUAL

851-870 MHz RECEIVER



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## SPECIFICATIONS\*

AUDIO OUTPUT (to 3.2 ohm speaker)	5 Watts at less than 5% distortion
SENSITIVITY	
12 dB SINAD (EIA Method)	0.35 $\mu$ V
20 dB Quieting Method	0.5 $\mu$ V
SELECTIVITY	
EIA Two Signal Method	-70 dB
20 dB Quieting Method	-100 dB
SPURIOUS RESPONSE	-70 dB
INTERMODULATION (EIA)	-70 dB
SQUELCH SENSITIVITY	
Fixed Squelch	12 dB
FREQUENCY STABILITY	$\pm 0.00025\%$
MODULATION ACCEPTANCE	$\pm 7$ kHz
MAXIMUM FREQUENCY SEPARATION	5.0 MHz
FREQUENCY RESPONSE	Within +1 and -8 dB of a standard 6 dB per octave de-emphasis curve from 300 to 3000 Hz (1000 Hz reference)
RF INPUT IMPEDANCE	50 ohms

\* These specifications are intended primarily for the use of the serviceman. Refer to the appropriate Specification Sheet for the complete specifications.

## WARNING

Although the highest DC voltage in MASTR Executive II Mobile Equipment is +12 VDC, high currents may be drawn under short circuit conditions. These currents can possibly heat metal objects such as tools, rings, watchbands, etc., enough to cause burns. Be careful when working near energized circuits!

High-level RF energy in the transmitter Power Amplifier assembly can cause RF burns upon contact. Keep away from these circuits when the transmitter is energized!

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