

MASTR[®] Executive II **MAINTENANCE MANUAL**

**152.030-152.810 MHz RCC & IMTS
SYNTHESIZED RECEIVER**

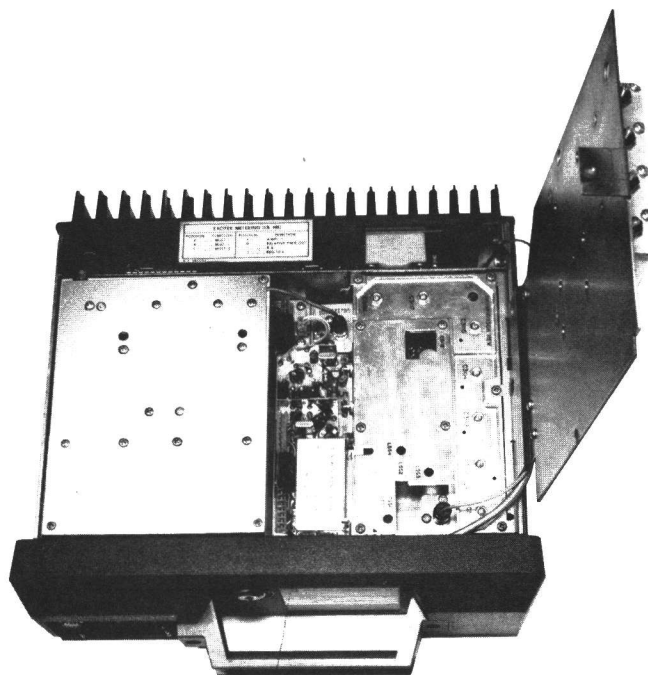


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DESCRIPTION AND MAINTENANCE	LBI30805 (DF1112)
RF ASSEMBLY AND MIXER/IF BOARD	LBI4980 (DF1107)
IF DETECTOR	LBI30049 (DF1105)

SPECIFICATIONS*

Sensitivity	
EIA 12 dB SINAD	0.5 μ V
20 dB Quieting	0.63 μ V
Selectivity - EIA	-90 dB
Intermodulation - EIA	-85 dB
Modulation Acceptance	+/-7 kHz
Spurious Response	-85 dB
Audio Response (300-3000)	+1, -3 dB
Frequency Stability	
Standard	+/-0.0005%
Optional	+/-0.00025%
FCC Model Number	ER-112-A

* 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 supplied by the vehicle battery, 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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