



GE Mobile Communications

MASTR® II

806-825 MHz STATION RECEIVER

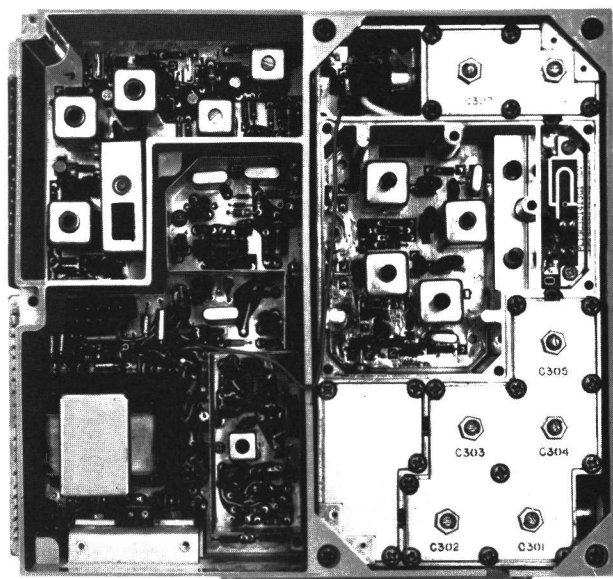


TABLE OF CONTENTS

SPECIFICATIONS	ii
DESCRIPTION & MAINTENANCE	LBI-30465
RF ASSEMBLY, MIXER AND IF FILTER BOARD	LBI-30482
OSCILLATOR/MULTIPLIER BOARD	LBI-30466
IF AUDIO AND SQUELCH BOARD	LBI-4986

SPECIFICATIONS*

Audio Output (to 8-ohm Speaker)	5/1 Watts at less than 3% distortion	
Sensitivity		
12-dB SINAD (EIA Method)	0.25 μ V	
20-dB Quieting Method	0.35 μ V	
SELECTIVITY		
EIA Two-Signal Method	-80 dB	
20-dB Quieting Method	-100 dB	
Spurious Response	-100 dB	
Intermodulation (EIA)	-70 dB	
Squelch Sensitivity		
Critical Squelch	0.15 μ V	
Maximum Squelch	Greater than 20 dB quieting	
Frequency Stability	$\pm 0.0001\%$ (-30°C to +60°C)	
Modulation Acceptance	± 7 kHz	
Maximum Frequency Separation	<u>Full Specifications</u>	<u>3 dB Degradation</u>
806-825 MHz	1.60 MHz	2.0 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

No one should be permitted to handle any portion of the equipment that is supplied with high voltage; or to connect any external apparatus to the units while the units are supplied with power. KEEP AWAY FROM LIVE CIRCUITS.

