

MASTR[®] *Executive II* MAINTENANCE MANUAL

459.025-459.650 MHz, 25-WATT RCC & IMTS
SYNTHESIZED TRANSMITTER

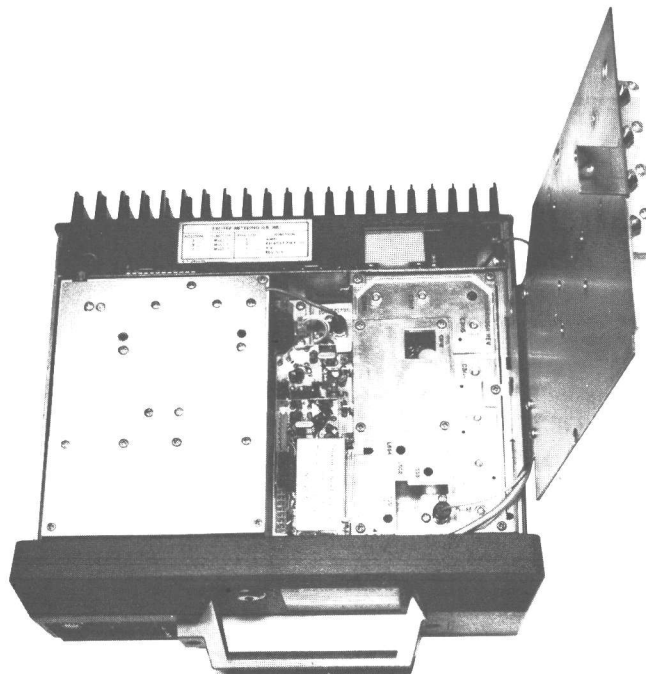


TABLE OF CONTENTS

SPECIFICATIONS	ii
DESCRIPTION AND MAINTENANCE	LBI30804 (DF3163)
POWER AMPLIFIER	LBI30787 (DF3174)

SPECIFICATIONS*

Power Output	25 Watts
Deviation	+/- 5 kHz
Spurious and Harmonic Emission per EIA RS152B Paragraph 4	-85 dB
Frequency Stability Standard	+/-0.0005%
Optional	+/-0.00025%
FM Noise	-65 dB
Audio Response (300-3000)	+1, -3 dB
Audio Distortion @1000 Hz	less than 3%
@300-3000 Hz	less than 5%
FCC Type Acceptance No.	KT-174-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 supplied to the transmitter 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 the circuits when the transmitter is energized!

GENERAL ELECTRIC COMPANY • MOBILE COMMUNICATIONS DIVISION
WORLD HEADQUARTERS • LYNCHBURG, VIRGINIA 24502 U.S.A.

GENERAL  ELECTRIC*
U.S.A.