



GE Mobile Communications

851-870 MHz, 100-WATT TRANSMITTER

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SPECIFICATIONS*

FCC Filing Number	
Transmitter, Continuous Duty	KT259-AZ
Receiver	ER-97-D
Frequency Range	
Transmitter	851-870 MHz
Receiver	806-825 MHz
RF OUTPUT POWER	100 Watts
INPUT VOLTAGE	121/242 Vac, 60 Hz Only (50 Hz Optional)
AC INPUT POWER	
Transmit	550 Watts
TEMPERATURE RANGE	-30° to +60° C (-22° to +140° F) NOTE: A cabinet blower is required for continuous duty operation above 40° C ambient.
EIA DIMENSIONS (H x W x D)	
DESK MATE (30-inch)	30-1/4" x 21-1/2" x 15.5"
DESK MATE (44-inch)	44-1/4" x 21-1/2" x 15.5"
POLE MOUNT	45" x 21-1/2" x 21"
FLOOR MOUNT	69" x 23" x 21"
WEIGHT	
DESK MATE (30-inch)	160 lbs
DESK MATE (44-inch)	195 lbs
POLE MOUNT	240 lbs
FLOOR MOUNT (69-inch)	305 lbs

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.**

High level RF energy in the transmitter Power Amplifier assembly can cause RF burns. **KEEP AWAY FROM THESE CIRCUITS WHEN THE TRANSMITTER IS KEYED.**

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