



# INSTALLATION INSTRUCTIONS FOR GENERAL ELECTRIC MONITOR RECEIVERS

LB130668  
(DF1120)

## INSTALLATION SPECIFICATIONS

Dimensions (H x W x D)	3.5" x 8.4" x 10.6" 8.89 cm x 21.34 cm x 26.92 cm
Power Requirements	15 watts @121 VAC +10%, 50/60 Hz (or optional 12-volt battery)
Input Impedance	50 ohms
Weight	9.25 pounds (4.2 kgs)
Temperature Range	-30°C to +60°C (-22°F to +140°F)

## INSTALLING YOUR MONITOR RECEIVER

The compactly designed Monitor Receiver can be mounted on a desk or table and still leave room for paperwork, notebooks, and log books. Locate the unit within convenient reach of the operator, and close to a 121 VAC outlet or 12 VDC source.

### POWER CONNECTIONS

To operate the Monitor Receiver from line voltage, just plug the power cable into a 121 VAC, 50/60 Hz outlet. (May operate on 242 VAC. See Maintenance Manual for wiring changes on transformer primary.)

If desired, the Monitor Receiver can be operated from a 12 VDC battery, instead of from line voltage. The receiver operates the same as from line voltage. For 12 VDC battery operations:

1. Turn the power OFF-ON switch to the OFF position.
2. Connect the negative (-) side of the battery to TB1-2 (ground) and the positive (+) side to TB1-1.

### ANTENNA CONNECTION

Connect the 50-Ohm transmission line from the antenna to antenna jack J1 on the rear of the unit. This jack requires a UHF connector on the antenna cable.

## OPTIONAL EXTERNAL SPEAKER

### External and Internal Speakers

If two speakers (internal and external) are desired, an external 8-Ohm speaker may be connected to TB1-4 (speaker low) and TB1-3 (speaker high) on the rear of the unit.

If an external speaker only is desired, a 3.2-Ohm speaker may be connected to TB1-4 and TB1-3. The internal speaker must be disconnected when this is done. Remove jumper H10 to H11. Refer to maintenance manual for location.

### OPTIONAL CONTROL OF EXTERNAL DEVICES

If the receiver has been equipped with a Type 90 or a Type 99 tone decoder, or with a carrier operated relay (COR), the normally-open relay contacts on these boards may be used to operate an external device. The relay contacts are rated for 1 Amp at 12 VDC. For heavier loads, an auxiliary relay must be used. Connections to external circuits are made at TB1-6 (NO) and TB1-7 (Common).

## ADJUSTMENT

After the Monitor Receiver has been installed, it may be necessary to make a few adjustments to the receiver. For the initial adjustment procedure, refer to the Receiver Front End Alignment Procedure in the maintenance manual.

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MOBILE RADIO DEPARTMENT  
GENERAL ELECTRIC COMPANY • LYNCHBURG, VIRGINIA 24502

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