

FINAL CHECKS BEFORE PLACING YOUR STATION IN OPERATION

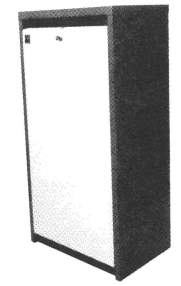
After completing the installation of your station, the following final operations should be performed:

- Final adjustment should be made to the receiver and transmitter. Transmitter adjustments should be made by a certified electronic technician. Instructions for making these adjustments are included in the station Maintenance Manual. The adjustments include:
 - Transmitter
 - final tuning and loading
 - deviation and frequency checks
 - plant power input

INSTALLATION OF GENERAL ELECTRIC GE-MARC VTM TRUNKED MOBILE RADIO SOLID-STATE REPEATER STATION COMBINATIONS

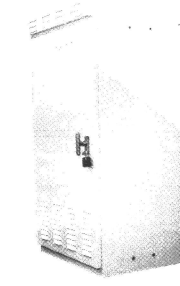
CABINETS

Three cabinet styles (Desk-Mate, Pole-Mount and Floor-Mount) are available to meet different system requirements.



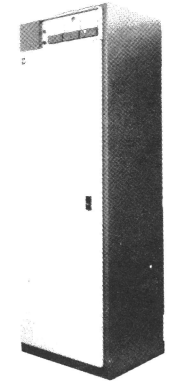
**DESK MATE
STATION**

Desk-Mate — The Desk-Mate station cabinet can be conveniently located on either side of a desk to provide additional working area or in some other suitable location as required.



**POLE MOUNT
STATION**

Pole-Mount — The Pole-Mount station cabinet is a weatherproof cabinet designed for outdoor use. The cabinet can be mounted on a pole, wall or a pedestal.



**FLOOR MOUNT
STATION**

Floor-Mount — The Floor-Mount station cabinet can be located in the building adjacent to the antenna installation or in some other convenient area as required.

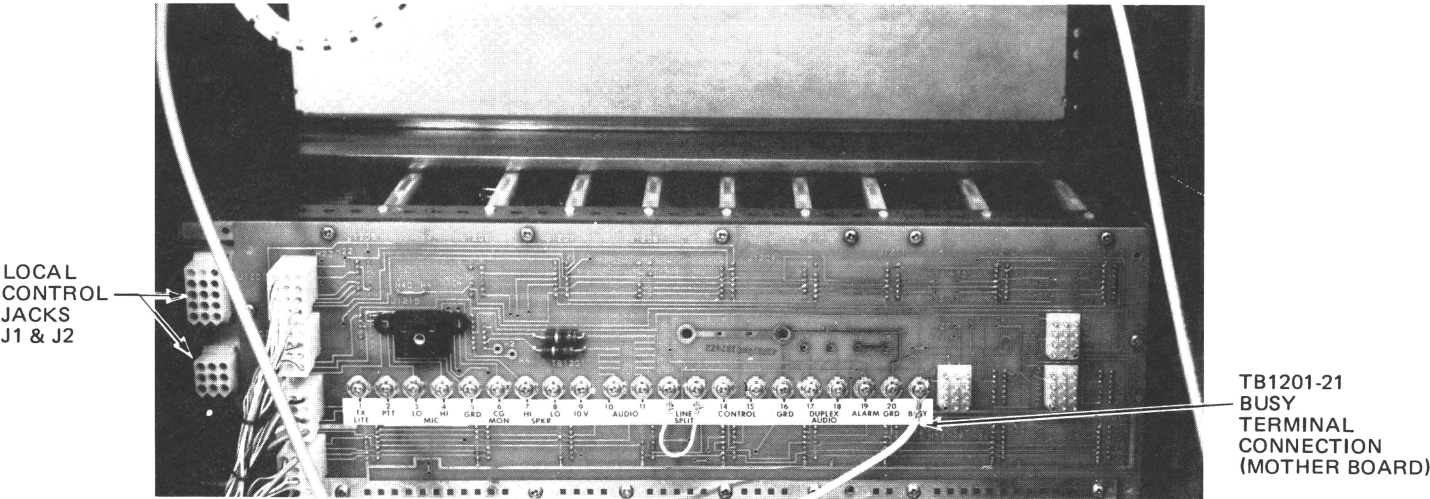
UNPACKING AND CHECKING EQUIPMENT

As you unpack the station combination, carefully inspect each item. If any damage has occurred to the equipment during shipment, file a claim with the freight carrier immediately.

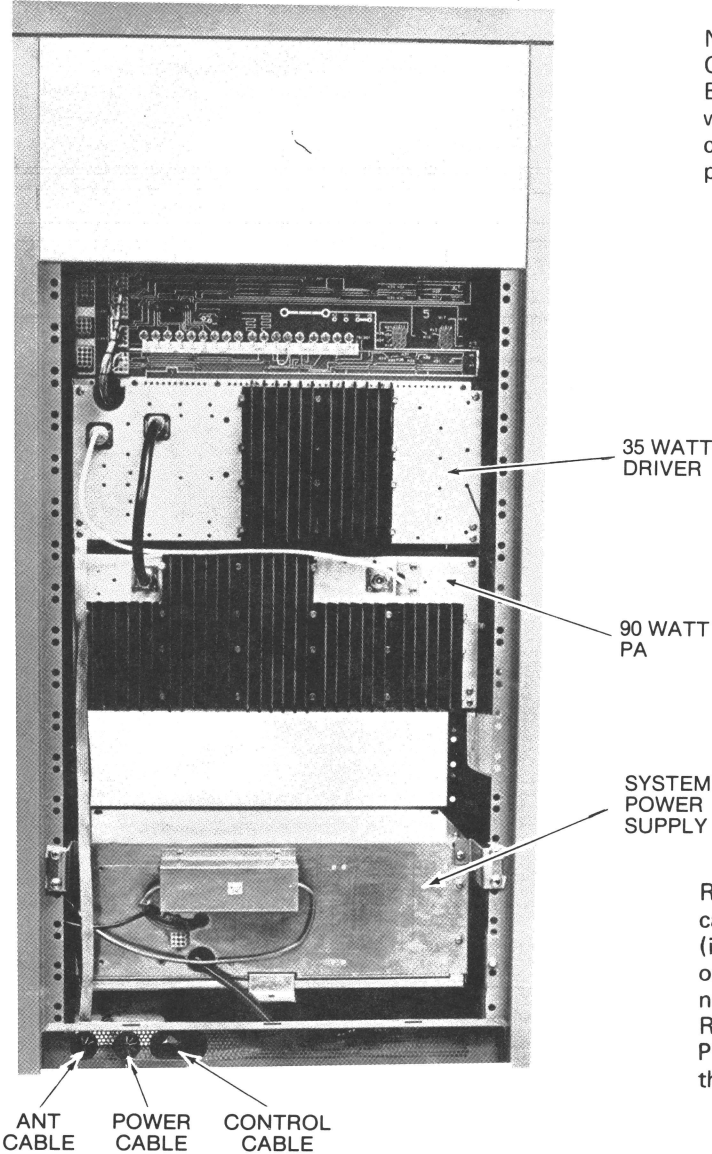
Antennas, transmission lines and towers are ordered separately from the station combination. The installer will normally provide any miscellaneous hardware as part of his installation "package". The user must provide the AC power service of adequate capacity and regulation as well as any telephone lines that may be required for "Remote Control" operation.

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

800 MHz, 90-WATT REPEATER CABLE CONNECTIONS



NOTE:
Connecting all BUSY terminals on the Repeater Mother Boards together allows disabling the time out function when any Repeater is not busy. Omission of this inter-connection between BUSY terminals allows each Repeater to time out independently.

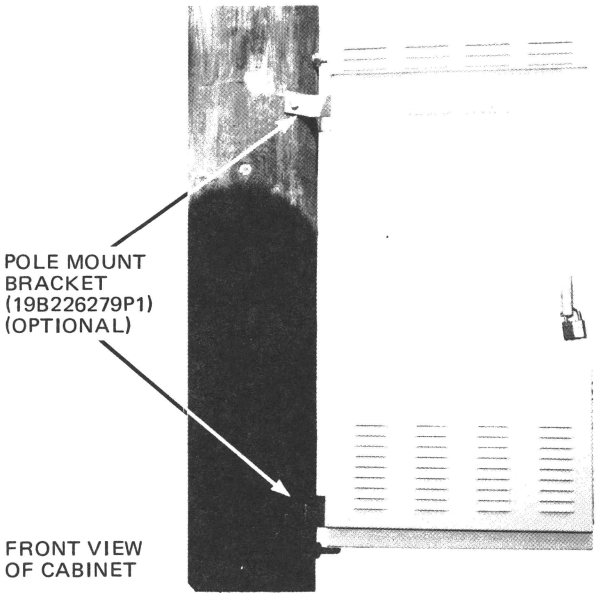


Route the antenna transmission line(s) through hole in cabinet and connect to ANT connectors or Duplexer (if used). Route the telephone pair from remote unit or local control cable through oval hole in base of cabinet. Connect remote cable to TB1201 as shown in Remote Control Manual. Connect local control cable P1102 to J1 and P1101 to J2. Connect power cable to the power source.

MOUNTING CABINET TO POLE

Determine which side of cabinet is to mount to pole. Minimum pole diameter is 12 inches. Remove four plastic plugs from cabinet mounting holes.

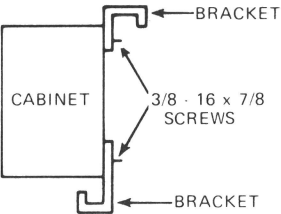
1. MOUNT THE TOP 19B226279P1 BRACKET TO THE POLE. BRACKET WILL ACCEPT 1/2-INCH HARDWARE.
2. SCREW TWO 3/8 - 16 x 7/8 INCH LONG BOLTS AND LOCKWASHERS (PART OF 19A130145G1 KIT) PART WAY INTO TOP MOUNTING HOLES.
3. MOUNT THE BOTTOM 19B225279P1 BRACKET TO THE BOTTOM MOUNTING HOLES IN THE CABINET USING TWO 3/8 - 16 x 7/8 INCH LONG BOLTS AND LOCK WASHERS. INSTALL SO THAT CABINET WILL BE SUPPORTED BY BRACKET.
4. MOUNT CABINET TO POLE BY PASSING HEAD OF 3/8 - 16 BOLT THROUGH HOLE IN TOP BRACKET.
5. TIGHTEN 3/8 - 16 BOLTS IN TOP BRACKET. INSTALL LAG SCREWS IN BOTTOM BRACKET AND SECURE TO POLE.



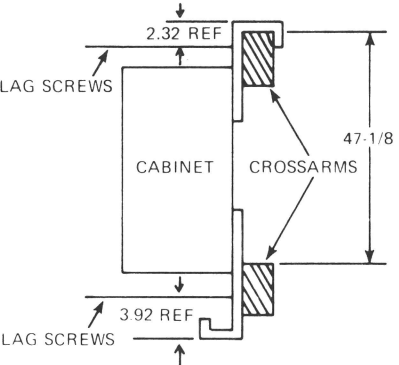
MOUNTING CABINET TO CROSSARMS

Determine which side of cabinet is to mount to crossarms. Remove four plastic plugs from cabinet mounting holes. !9C320924P1 brackets are supplied with cabinet.

1. ATTACH TWO 19C320924P1 MOUNTING BRACKETS TO CABINET USING 4-3/8-16 x 7/8 INCH LONG BOLTS AND LOCK-WASHERS SUPPLIED IN 19A130145G1 HARDWARE KIT. INSTALL BRACKETS AS SHOWN AT RIGHT.



2. INSTALL CROSSARMS WITH VERTICAL SPACING AS SHOWN BELOW. DIMENSIONS GIVEN WILL ALLOW MOUNTING LAG SCREW TO BE APPROXIMATELY CENTERED IN CROSSARMS IF STANDARD CROSSARM (3-4/16 x 4-7/8 INCHES, FINISHED SIZE) IS USED.

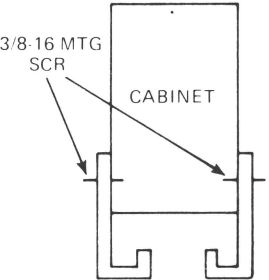


3. MOUNT CABINET OVER TOP CROSSARM AND INSTALL TWO LAG SCREWS IN EACH BRACKET IN LOCATION SHOWN. USE 3/8-INCH DIAMETER SCREWS. CENTER LINE OF LAG SCREWS IS 47.51 INCHES. CAUTION MUST BE USED IF CROSSARM SIZE IS LARGER THAN 4-7/8 INCHES BECAUSE OPENING OF CABINET DOOR MAY BE BLOCKED.

MOUNTING CABINET TO PLATFORM OR PEDESTAL

Remove four plastic plugs from bottom of cabinet, two from each side.

1. ATTACH TWO 19C320942P1 MOUNTING BRACKETS TO CABINET USING 4-3/8-16 x 7/8 LONG BOLTS AND LOCK WASHERS (SUPPLIED IN HARDWARE KIT 19A130145G1) AS SHOWN BELOW.



2. LAYOUT MOUNTING HOLES FOR BRACKETS BY PLACING CABINET IN POSITION AND MARKING HOLES. 3/8-INCH HARDWARE IS USED IN BRACKETS. PLACE CABINET IN POSITION AND BOLT DOWN.

