

DESCRIPTION, INSTALLATION, AND ADJUSTMENTS
FOR THE TELETYPE AC237** APPARATUS CABINET

1. GENERAL DESCRIPTION

a. The Teletype AC237** apparatus cabinet accommodates two Multiple Transmitter Bases (MXB202**) and six Multiple Transmitter Distributors (MXD13). A Multiple Transmitter Set consists of one MXB202** and three MXD13. The sets rest on cradles which are mounted on shelves by means of resilient mounts. A tape bin in the front of the cabinet holds the trailing portion of the tapes from which the messages are being transmitted. A three-compartment "sent tape" bin is mounted inside the cabinet. This bin may be pivoted partially out of the cabinet to retrieve a tape for a "re-run", or unlatched and pivoted to the floor to empty the "sent" tapes. The cabinet has a plastic top plate with a bank of tape sorting grids and circuit identification card holders.

On the hinged rear door, another bin is provided to carry the trailing portions of the tapes inserted in the rear of the bank of tape grids.

An electrical service assembly box and a covered pivoting terminal block are in the upper rear portion of the cabinet, with cable holders on the right side of the cabinet to hold the unit cables and cords clear of the message tapes. A partitioned wire duct is on the left side to run power and circuit cables down to the wire duct in the base section.

Tape guides and tape chutes are included as accessories to be mounted on the three-gang message transmitter units to guide the tape into the proper section of the tape bin.

b. The double asterisk (**) designates a two-letter suffix which indicates the paint finish. The following four standard wrinkle finishes are now available.

AA - Black	AC - Light-Brown
AB - Gray-Green	AD - Dark-Brown

c. Description and adjustments of the Multiple Transmitter Distributor Units will be found in Teletype Multiple Transmitter Distributor Description and Adjustment Bulletin 185B.

2. INSTALLATION AND INITIAL ADJUSTMENTS

a. General Instructions

(1) Unpack all parts and units with care. Muslin bags and small parts should be kept with their associated pieces of apparatus until used in installation.

(2) Two 1/2" holes are provided in the horizontal duct of the cabinet base to secure the cabinet to the floor. Suitable holes should be provided in the floor where the cabinet is to be installed in accordance with dimensions shown on Figure 2.

(3) Place the cabinet in position, remove the two base duct covers inside the cabinet, and secure the cabinet in position. It is recommended that 1" (outside diameter) washers be used over the 1/2" holes in the base.

(4) Bring in signal line and power circuits through the openings in the cabinet base and through the duct at the left side of the cabinet and up to the terminal block and electrical service assembly. Connect the line and power circuits to the terminal block and service assembly as shown on Wiring Diagram 2750WD but do not apply power until the installation is completed.

(5) Secure each section of tape sorting grids to the top of the cabinet as shown in Figure 1.

(6) Place the small tape bin on the studs in the rear door.

b. Equipment Installation

(1) Remove the front cover and top plate from the transmitter base MXB202**. Place three of the multiple transmitter distributors (MXD13) on each of the MXB202** bases and press each unit toward the counter shaft. Insert the mounting screws, washers, and lock washers found in the muslin bag through the transmitter mounting holes and into the base. Position the units to provide a barely perceptible amount of backlash between the gears. Check the backlash throughout a complete revolution of the larger gear. Tighten the mounting screws.

(2) Replace the front cover and the top cover on the MXB202**.

(3) Loosen the two left rear screws on the top cover and insert the slotted flanges of the tape guide beneath the washer and screw and tighten in position.

(4) Remove the standard tape chute at the motor side and replace it with the long tape guide and secure it in position with the same screws.

(5) Place an assembled Multiple Transmitter Set on each cradle in the cabinet.

(6) See that all switches are in their "OFF" position and insert the 27 conductor cord plug and power cord plug from each Multiple Transmitter Set into their respective receptacles in the Electrical Service Assembly.

(7) Arrange the 27 conductor cord and power cord in the best manner which will permit the tapes to fall into the tape bin compartments without interference, then insert the cords in the cord holders on the right side of the cabinet.

3. ADJUSTMENTS

a. Base Wire Duct (Figure 2)

The wire duct in the base should be in line and flush on each side and on the bottom with the front and rear sections of the base. Adjust by means of the eight mounting screws.

b. Tape Bin (Inside)

The tape bin when pivoted towards the rear should clear the cabinet and the door hinge. To adjust reposition the pivot bracket.

c. Rear Door Stop

When the door is closed, the stop screw on the lower lip of the door should strike the tape bin pivot bracket. To adjust, loosen the lock nut on the stop screw and position the stop screw. Tighten the lock nut on the screw.

* * *

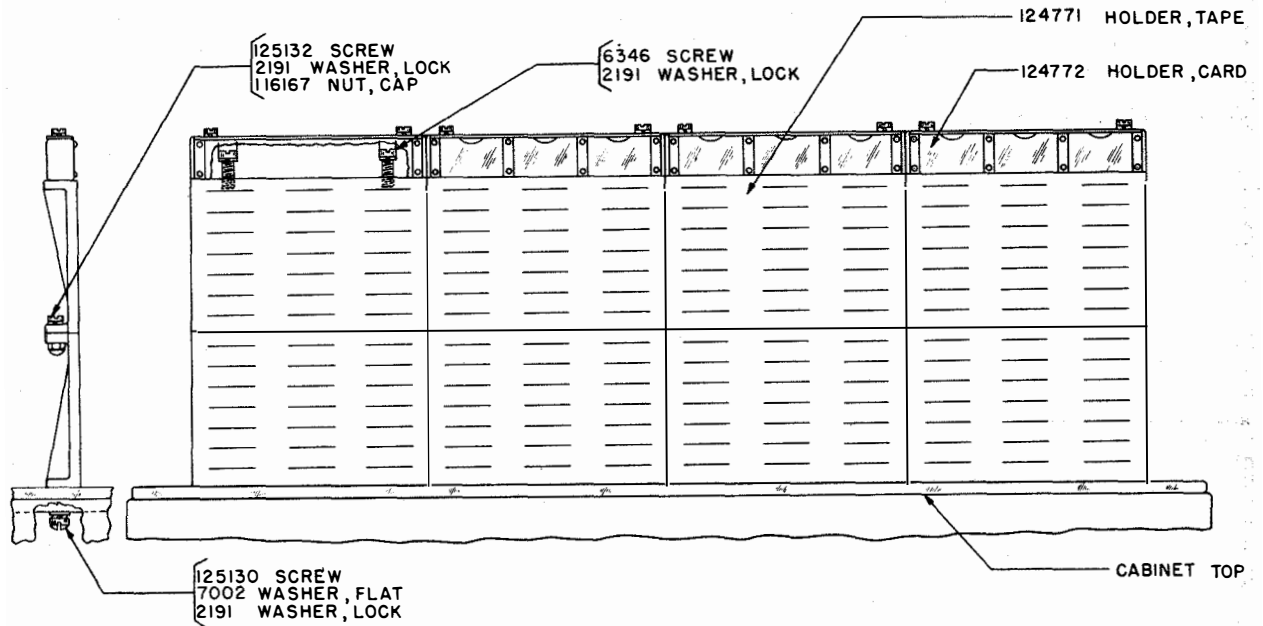


FIGURE 1

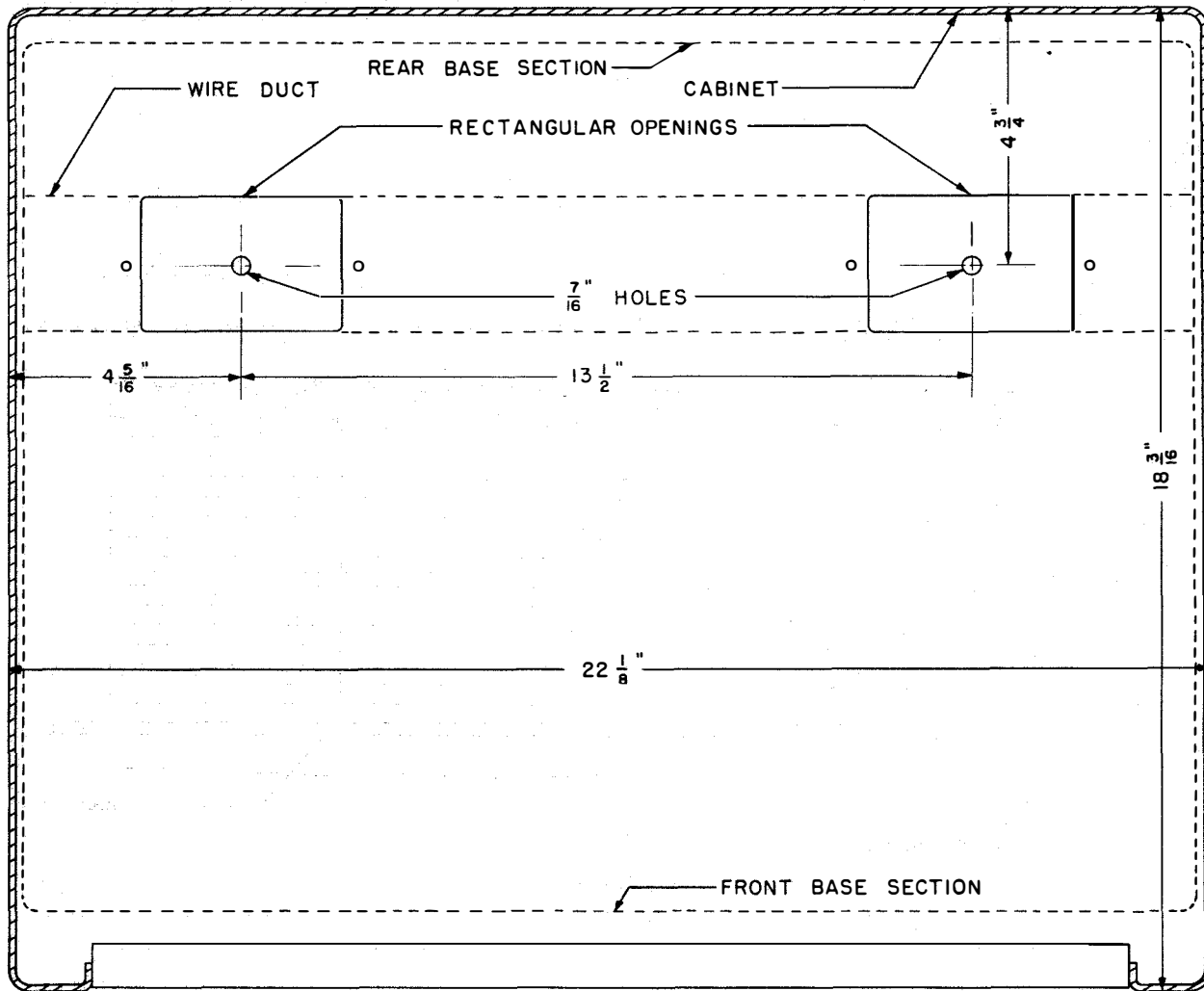


FIGURE 2
 APPARATUS CABINET BASE