

TX3 Telephone Access Replacement Door and Controller Board Installation Instructions

Parts required:

- 1 x door with MD-1243 microphone attached
- 2 x cotter pins
- 2 x clevis pins
- 1 x RB-MD-1245 replacement main controller board

A. Upgrade the Configurator Software

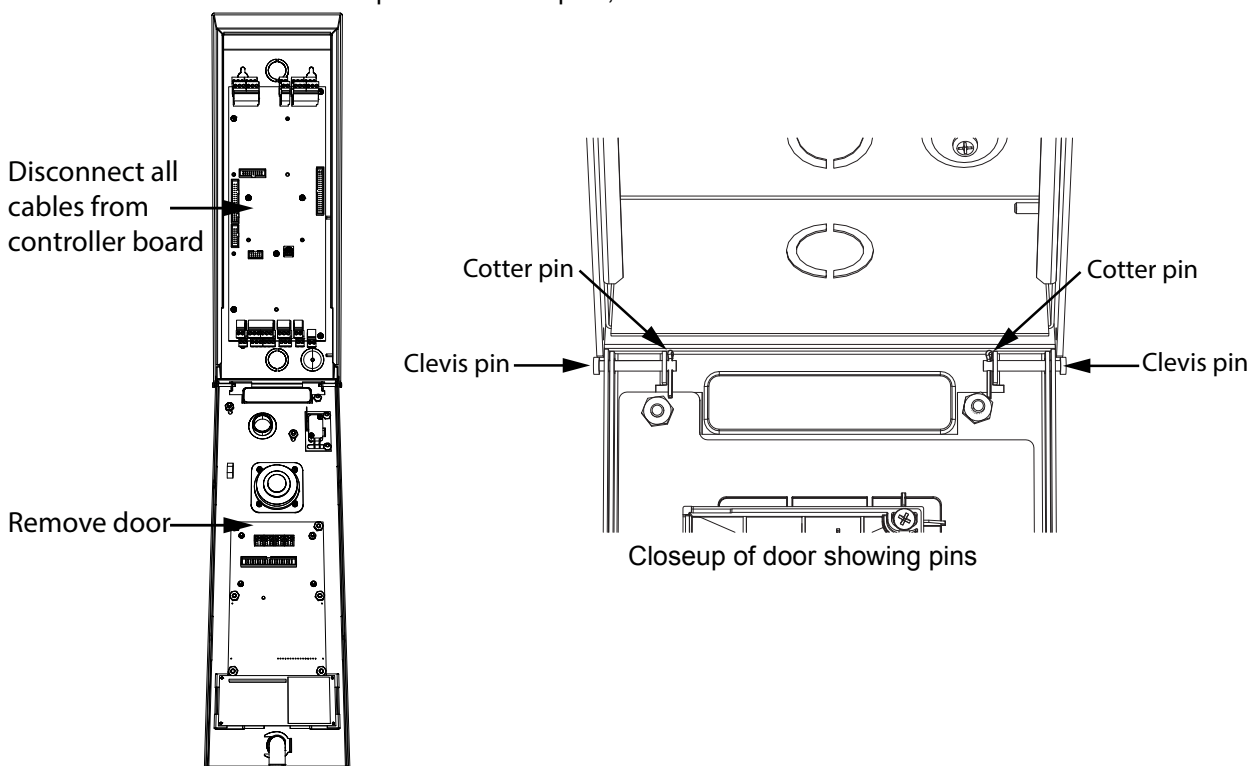
- Follow the instructions in LT-995 “TX3 Touch Screen Configuration and Administration Manual” to upgrade the Configurator software to version 2.8.15 or higher. Both the manual and the software are on the included USB flash.

B. Disconnect Cables

1. Turn off the controller board and disconnect the power.
2. Disconnect the power harness from the controller board.
3. Disconnect the ribbon cable from the current main controller board, if it is present.
4. Disconnect all input, output, and networking harnesses from the current main controller board.

C. Remove Door

1. Remove the cotter pins and clevis pins, and then remove the door.



2. Attach the new door with the supplied cotter pins and clevis pins.
3. Follow the instructions on the next pages to install the replacement controller board.

D. Remove the old board

Caution: To prevent damage to the boards, always hold them by the edges.

1. Unscrew the seven #8-32 screws that hold the current board in place.

E. Attach the new board

1. Secure the new board with the seven screws you removed in step 1.
2. If there are any daughter boards attached to the old board, remove them, and then install them on the new board.

F. Set the RS-485 address



CAUTION: Jumper and DIP switch settings are important for reliable operation.

1. Use DIP switches 1-6 to set the RS-485 network address. For details, see LT-969 on the USB flash or the Mircom website.

See Figure 2 below for the location of the DIP switches.



Figure 1 RS-485 DIP Switch Settings

2. If there is a jumper on JW11, remove it. See Figure 2 below.
3. Set DIP switch 7 to OFF. See Figure 2 below.
4. DIP switch 8:
 - Set DIP switch 8 OFF if the IP address is assigned using a DHCP server.
 - Set DIP switch 8 ON if the IP address is assigned using the TX3 Configurator software.

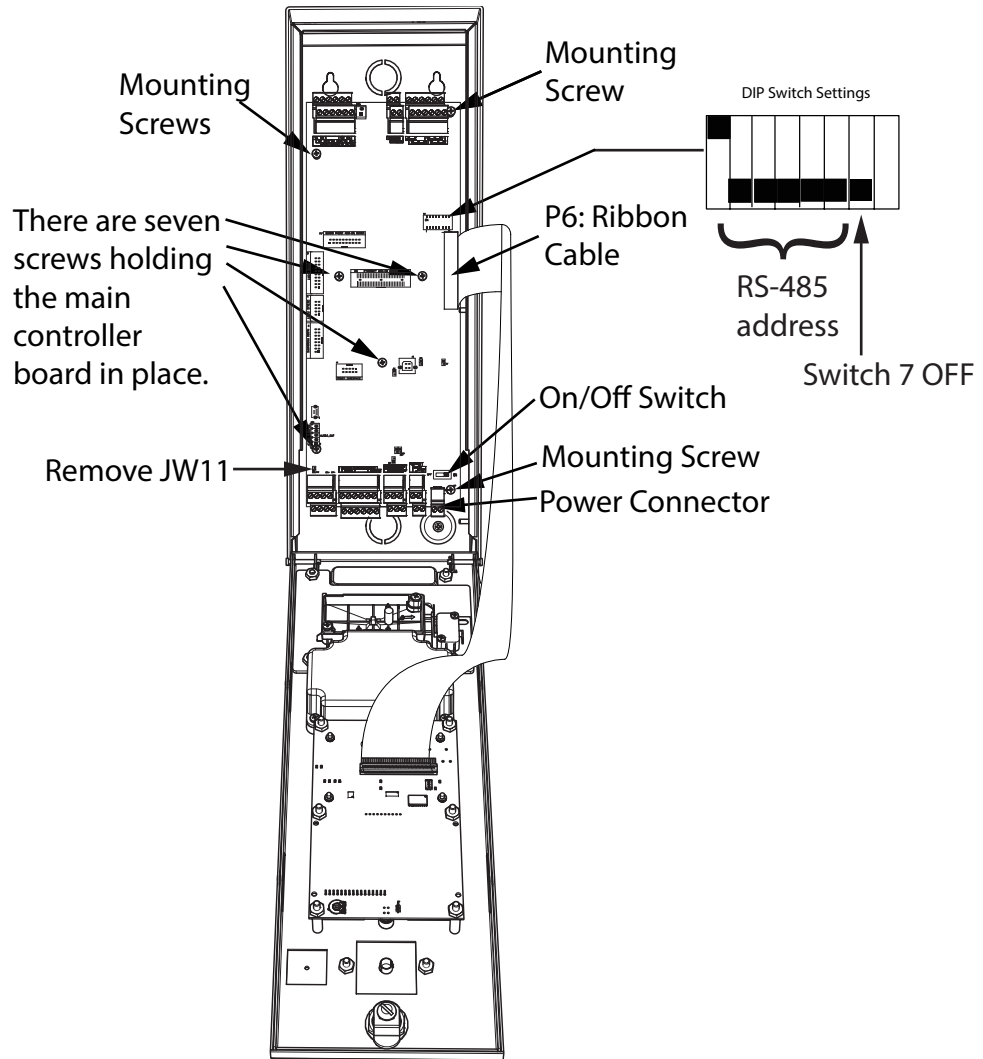


Figure 2 Installing RB-MD-1245

G. Connect the wiring

1. Connect the ribbon cable from the door to P6 on the controller board as shown in Figure 2.
2. Connect the speaker and microphone as shown in Figure 3.

Attention: MD-1245 works only with the MD-1243 microphone.

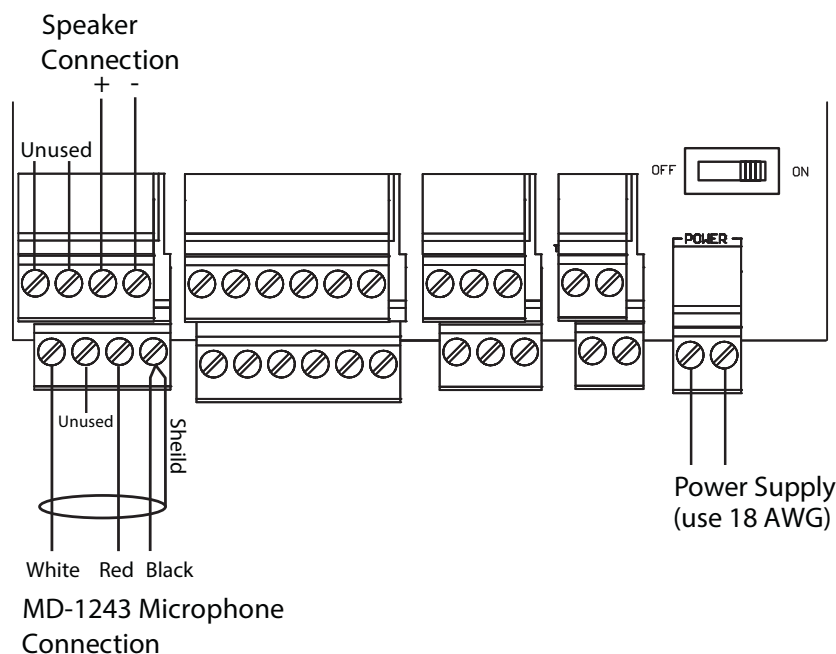


Figure 3 Speaker, microphone, and power connections

3. If you have TX3-EMER-200KS or TX3-EMER-1S, connect the call button and emergency button as shown in Figure 4.
4. If you have TX3-120C-A or TX3-120U-A, connect the LED lamp as shown in Figure 5.
5. Connect all the remaining input, output, and networking harnesses to the new board.
6. Connect the power harness to the new board.
7. Turn on the new board.

You are done! If you need more help, call us at 1-888-660-4655.

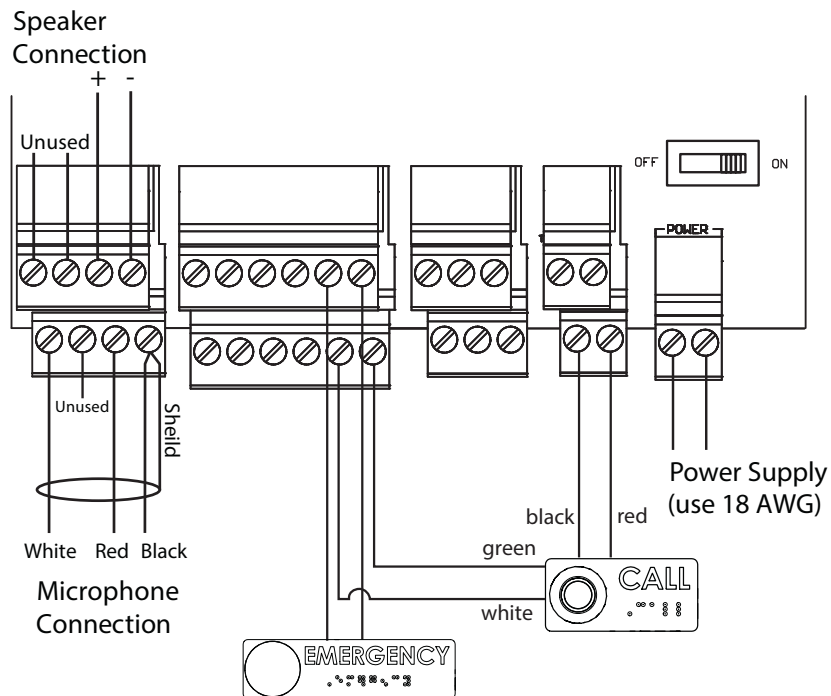


Figure 4 Call button and Emergency button connections on the Emergency Phone

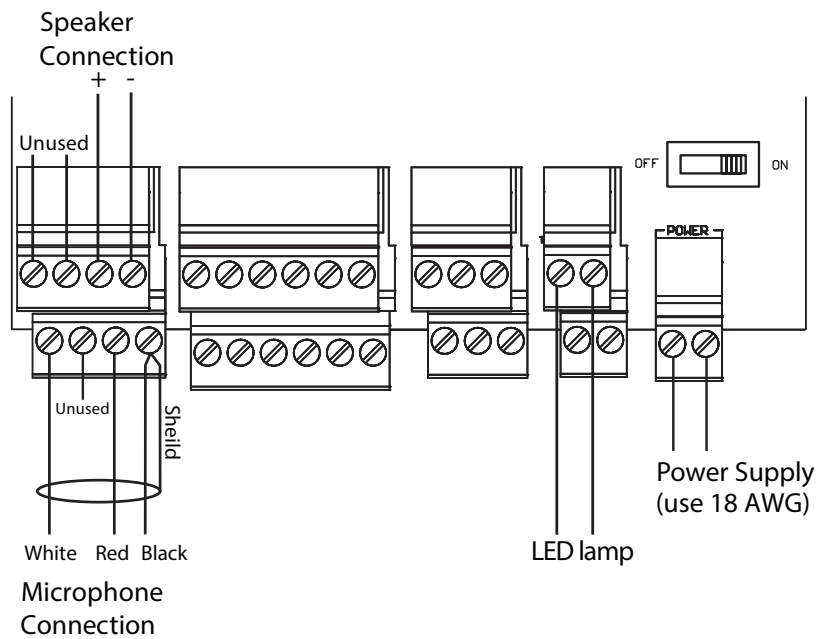


Figure 5 LED lamp connection on TX3-120C-A and TX3-120U-A