

Installation Instructions for Replacement MD-1244 Microphone

The kit consists of the following parts:

- MD-1244: microphone circuit board with adhesive strips on flat side
- wiring harness

You will also need the following tools:

- Screwdriver or a utility knife
- A multimeter probe

To install the microphone, you must perform the following steps:

- A. Shut down the unit and disconnect power**
- B. Remove the old microphone**
- C. Attach MD-1244 to the door**
- D. Connect the wiring harness**

Details on how to perform these steps are in the following pages.

A. Shut down the unit and disconnect power

It is essential that you follow the proper shut down procedure.

To shut down the TX3 Touch Screen:

1. At the Touch Screen terminal, enter 9999.
2. Enter your administrator password, and then press **OK**.
3. Select **File > Shut down > Shut down**.
4. After the TX3 Configurator and Windows have finished shutting down, disconnect power from the Touch Screen.

B. Remove the old microphone

1. Open the door.
2. Use a screwdriver or utility knife to remove the old microphone circuit board from the inside of the Touch Screen door.
3. Clean any residue left behind.

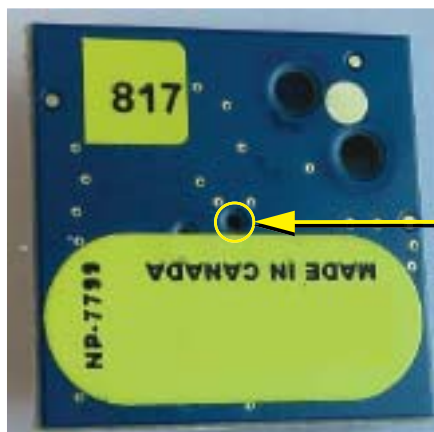


Figure 1 Old microphone on the Touch Screen door

4. Disconnect the old microphone cable.

C. Attach MD-1244 to the door

The MD-1244 attaches to the inside of the Touch Screen door with double-sided tape. The microphone fits into an indentation in the door. For ideal sound quality, the microphone opening on the flat side of the MD-1244 (see Figure 2) must align with the microphone opening on the door.



Microphone opening on MD-1244

Figure 2 Location of the microphone opening on MD-1244

Align and attach the MD-1244 to the Touch Screen door using a multimeter probe:

1. Expose the adhesive on the double-sided tape that is attached to the flat side of the MD-1244 board.
2. Open the door.
3. From the front of the door, insert the multimeter probe through the door's microphone opening.
4. Carefully insert the tip of the multimeter probe into the microphone opening on the MD-1244.

The microphone on the other side of the opening is very delicate. Permanent damage to the microphone can result if you force the tip of the multimeter probe too far into the microphone opening.

5. Align the MD-1244 so that the terminal for the wiring harness is on the bottom (see Figure 3).

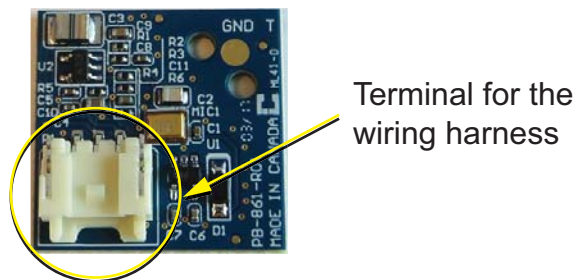


Figure 3 Proper alignment of the of the MD-1244 board

6. Using the multimeter probe as a guide, move the MD-1244 towards the door until the MD-1244 attaches to the door.

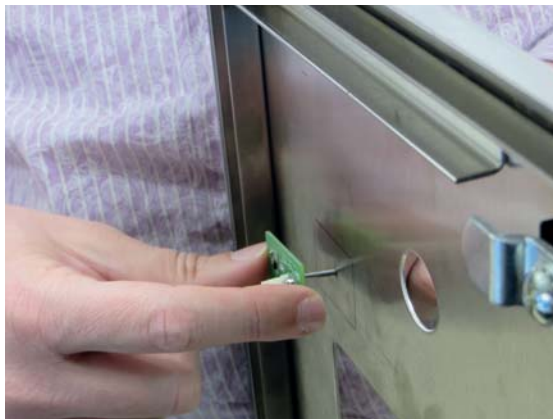


Figure 4 Aligning the MD-1244 with the microphone hole

7. Go to the section **D. Connect the wiring harness** below.

D. Connect the wiring harness

Connect the wiring harness to the MD-1245 lobby controller board

1. Connect the 4-pin connector on the wiring harness to the 4-pin terminal on the lobby controller board as shown in Figure 5.
2. If there is a jumper on JW11, remove it (see Figure 5).
3. Reconnect power to the unit, and then turn it on.

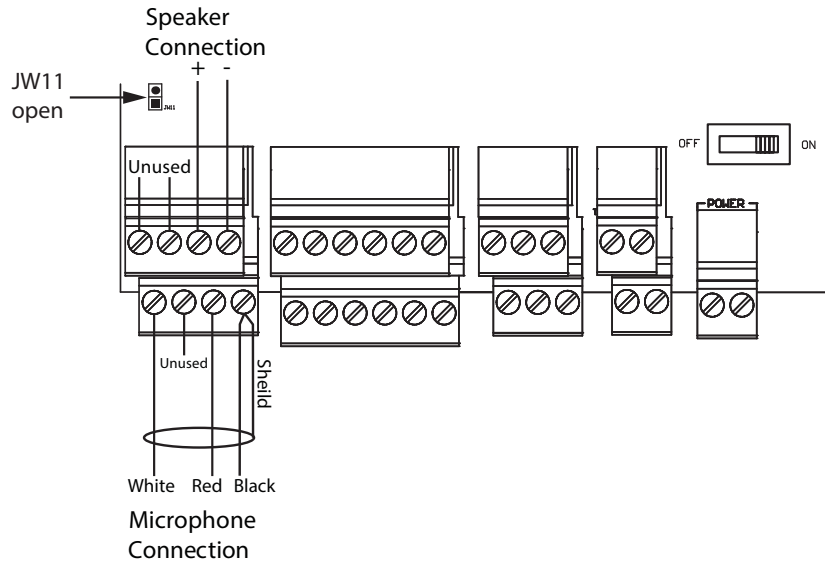


Figure 5 Microphone wiring on MD-1245