



Model RB-MD-1086 Replacement Main Controller Board Installation Instructions

These instructions are for models RB-MD-1086-200, RB-MD-1086-1000, and RB-MD-1086-2000.

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

A. Remove the old board

1. Turn off the current main controller board.
2. Shut down the panel and disconnect the power.
3. Disconnect the power harness from the current main controller board.
4. Disconnect the ribbon cable from the current main controller board, if it is present.
5. Disconnect all input, output, and networking harnesses from the current main controller board.
6. Unscrew the seven #8-32 screws that hold the current board in place.

B. Attach the new board

1. Secure the new board with the seven screws you removed in step 6.
2. If there are any daughter boards attached to the old board, remove them, and then install them on the new board.
3. Connect all the input, output, and networking harnesses to the new board.
4. Connect the ribbon cable to the new board, if it is present.
5. Connect the power harness to the new board.

C. Set the RS-485 address

1. Use DIP switches 1-6 to set the RS-485 network address. See LT-969 for details.

Each TX3 panel must have a unique RS-485 address.

See Figures 3, 4, and 5 for the location of the DIP switches.

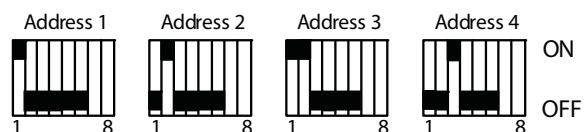


Figure 1 RS-485 DIP Switch Settings

2. Follow the instructions under D to set JW11.
3. Follow the instructions under E or F depending on the kind of panel that you have.

D. Set JW11

- If the panel has the MC-009 microphone, close JW11.
- If the panel has the MC-012 microphone, open JW11.

See Figure 2.



MC-009 microphone

JW11 on or closed



MC-012 microphone

JW11 off or open

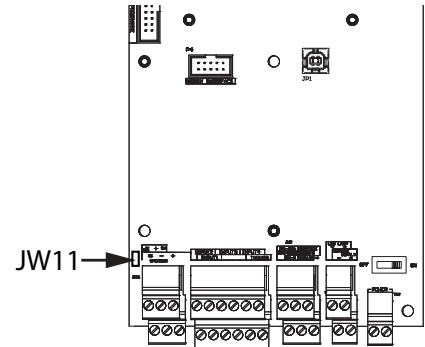


Figure 2 Microphones and JW11

E. If you are installing RB-MD-1086 on a Touch Screen

1. Set DIP switch 7 to ON. See Figures 3 and 4.
2. Leave DIP switch 8 OFF.
3. Turn on the main controller board.
4. Turn on the Touch Screen.

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

F. If you are installing RB-MD-1086 on a non-Touch Screen unit

1. Set DIP switch 7 to OFF. See Figure 5.
2. 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.
3. Turn on the main controller board.

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

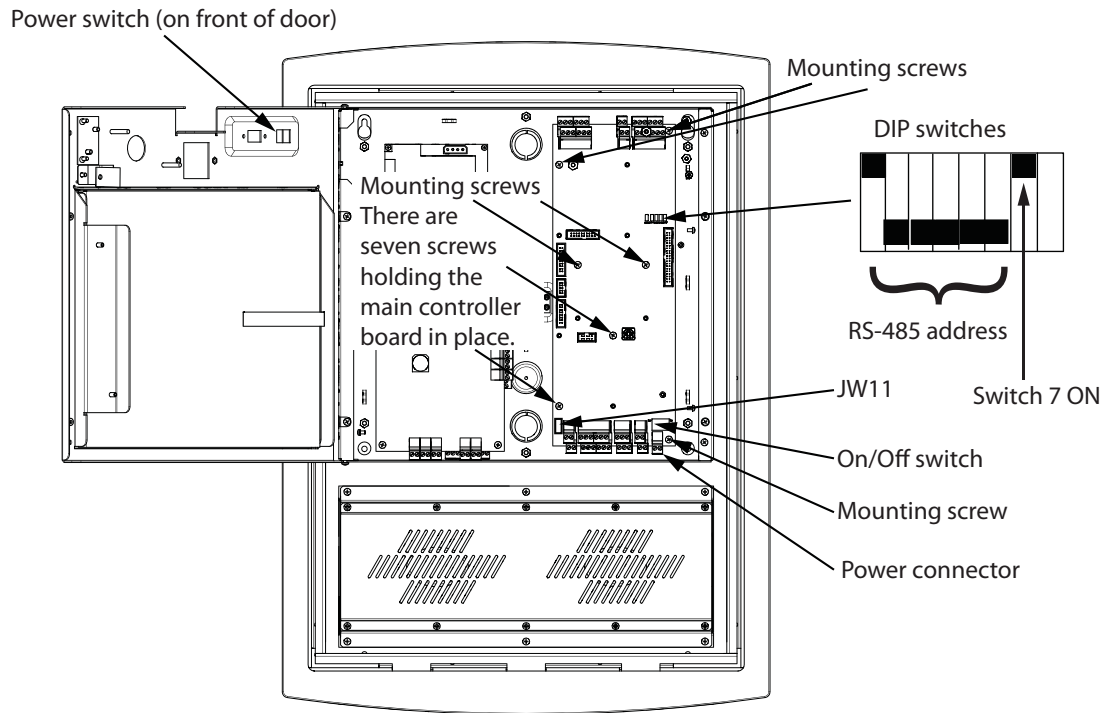


Figure 3 Installing on a TX3-TOUCH-S15-A/TX3-TOUCH-F15-A

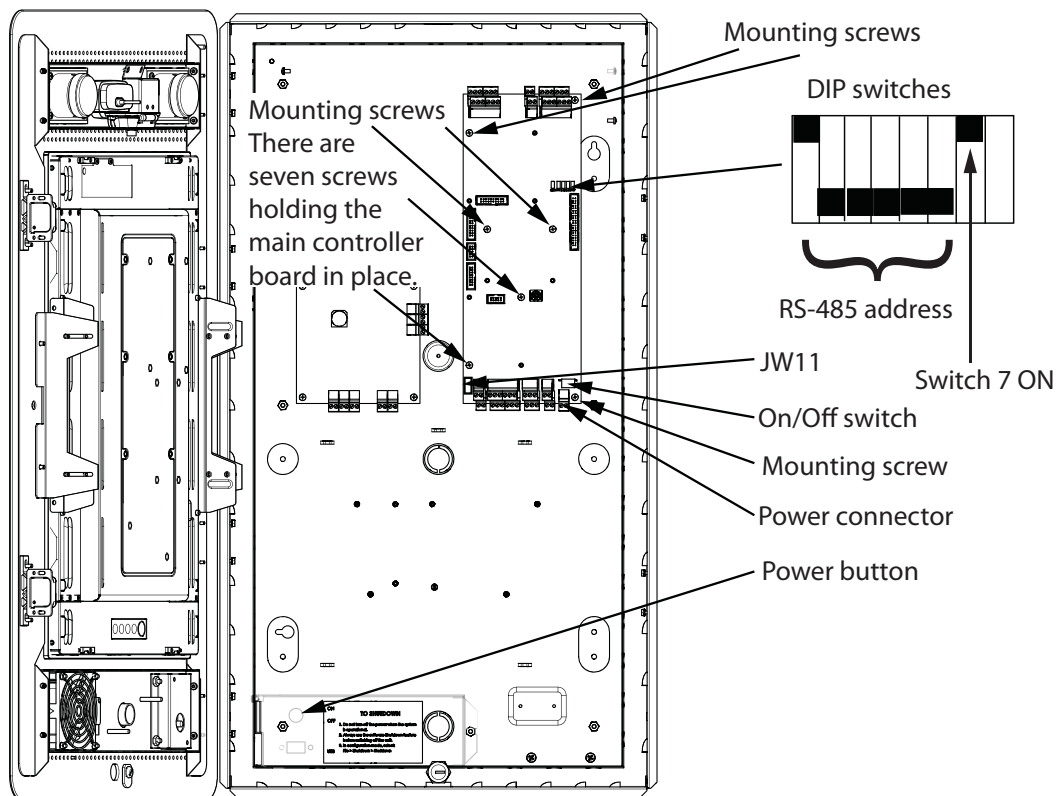


Figure 4 Installing on TX3-TOUCH-S22/TX3-TOUCH-F22

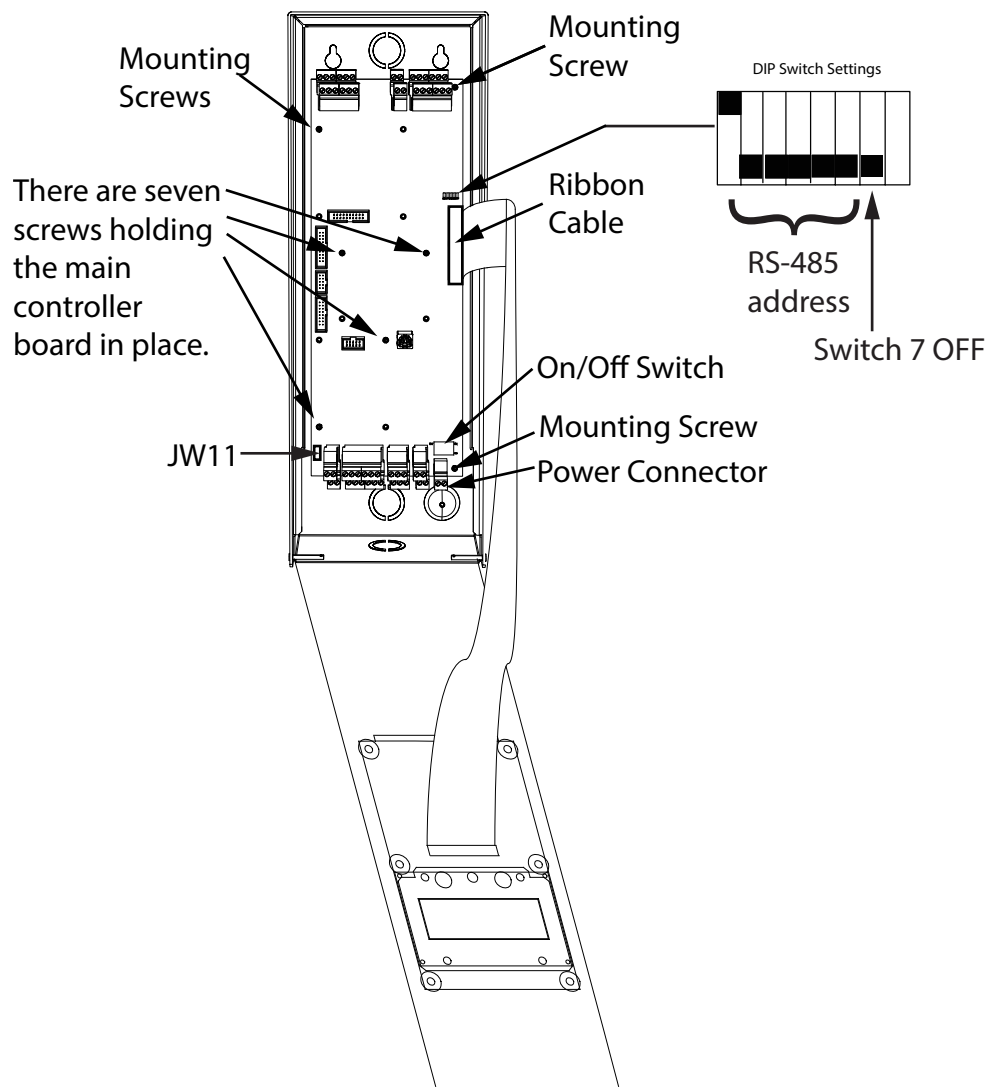


Figure 5 Installing on a non-Touch Screen unit