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**Important!**

Mircom recommends that the entire system be completely tested on a regular basis. However, despite frequent testing and due to but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.



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## INSTALLATION INSTRUCTIONS

### RAM-2200-8 Eight-Zone LED Expander for FX-2200 Fire Alarm Control Panel

The RAM-2200-8 provides up to 24 Zone LEDs (8 alarm LEDs, 8 supervisory LEDs, and 8 trouble LEDs per module) for the FX-2200.

#### Parts List

- Qty 1 ... RAM-2200-8 module
- Qty 4 ... #4 Hex Nuts
- Qty 4 ... #4 Lock Washers
- Qty 1 ... Ribbon Cable
- Qty 1 ... Zone Label

**NOTE:** *This component must be included in the control panel battery calculation. Refer to the Battery Calculation Sheet in the FX-2200 Installation Manual (LT-2000MIR) included with the control panel.*

#### Installing the RAM-2200-8 Module

Before mounting the RAM-2200-8, fill out the Zone Label and insert it behind the overlay.

1. Remove the right most black plate as viewed with dead front open.
2. Mount the RAM-2200-8 assembly to the dead front using the 4 nuts/lock washers.
3. If this is the first LED Expander: Connect the enclosed ribbon cable from "Output" on the display board to "CON1 IN" on the RAM-2200-8 module.

If there is already at least one LED Expander present: connect one end of the enclosed ribbon cable to "CON2 OUT" on the LED Expander to the right of the new one. Connect the other end of the ribbon cable to the newly installed RAM-2200-8 at "CON2 IN".

FX-2200 Panel Layout

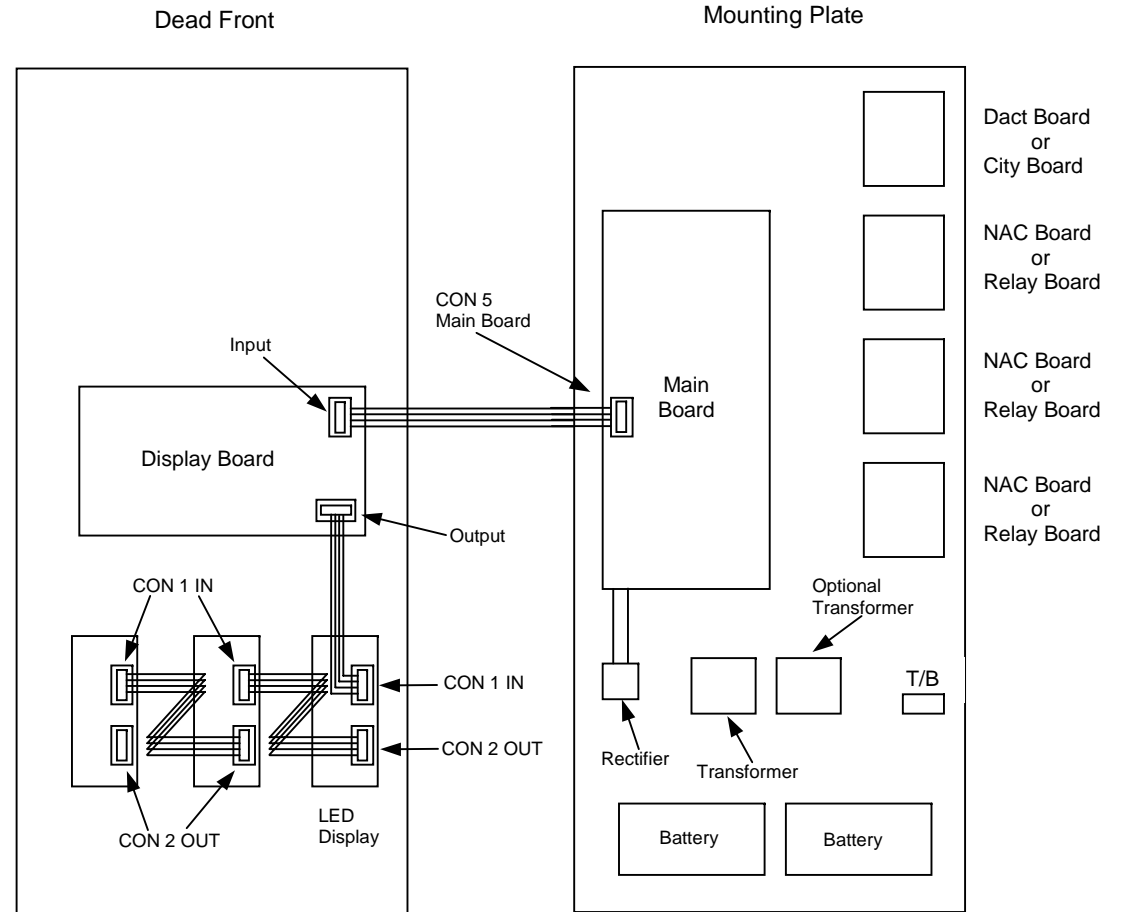
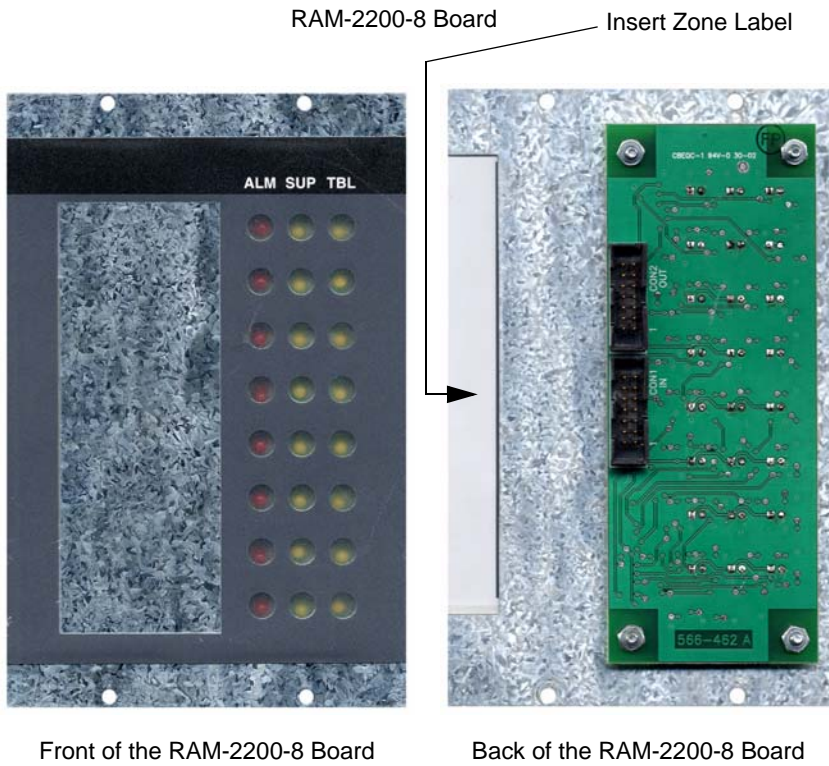


Figure 1. RAM-2200-8 Board Installation