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.

INSTALLATION INSTRUCTIONS

MIRCOM®
Advanced Life Safety Solutions™

RM-2200-4 Relay Expander for FX-2200 Fire Alarm Control Panel

The RM-2200-4 is a four relay expander, connected via ribbon cable to a FX-2200 Main Board. This module occupies one spot of the three available mounting locations within the FX-2200 cabinet. The RM-2200-4 provides four additional programable function relays.

Parts List

- Qty 1 ... RM-2200-4 module
- Qty 4 ... No. 4 screws
- Qty 1 ... Ribbon Cable (short)

Installing the RM-2200-4

The RM-2200-4 mounts inside the FX-2200 cabinet to the back plate in one of the three expander locations.

1. Position the RM-2200-4 in the upper most empty expander module locations.

2. Secure the relay expander to the back plate with the No. 4 screws and lock washers (provided).

3. Connect the ribbon cable from the panel or previous expansion module to CON1 on the Relay Expander.

NOTE: *This component must be included in the control panel battery calculation. Refer to the Battery Calculation Sheet included with the control panel. Relay Circuits are non-supervised. Relays must be connected to a power limited source that is listed Fire Protective Signaling.*
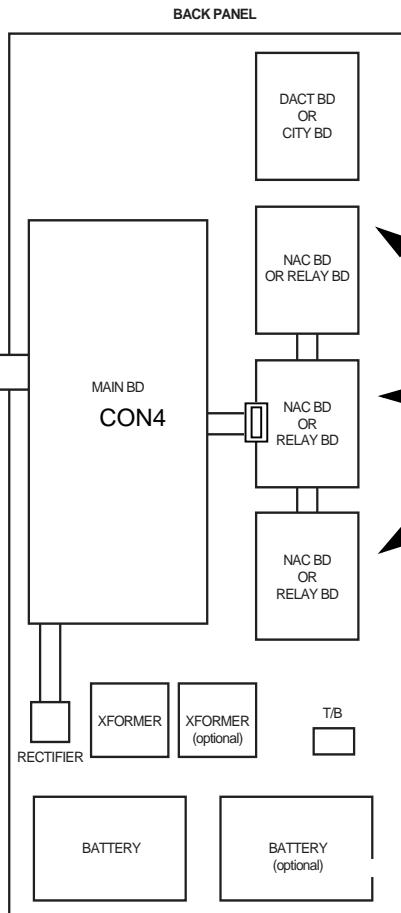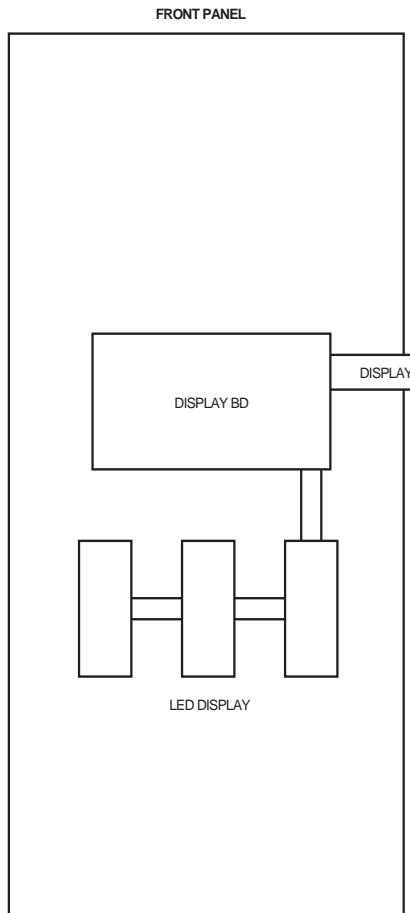
MIRCOM®
Advanced Life Safety Solutions℠
LT-2027MIR   Rev. 0

FX-2200 Panel Layout

FRONT PANEL

BACK PANEL

RM-2200-4 Relay Expander

CON1 IN

DISPLAY BD

DISPLAY HARNESS

MAIN BD
CON4

LED DISPLAY

RECTIFIER

XFORMER

XFORMER
(optional)

T/B

BATTERY

BATTERY
(optional)

DACT BD
OR
CITY BD

NAC BD
OR RELAY BD

NAC BD
OR
RELAY BD

NAC BD
OR
RELAY BD

CON2 OUT

User Equipment

Normally Off
Equipment

#1- NO

#1 - C

Normally On
Equipment

#1 - NC

Normally Off
Equipment

#2- NO

#2 - C

Normally On
Equipment

#2 - NC

Normally Off
Equipment

#3- NO

#3 - C

Normally On
Equipment

#3 - NC

Normally Off
Equipment

#4- NO

#4 - C

Normally On
Equipment

#4 - NC

Relays*

* Relays shown in de-energized state.
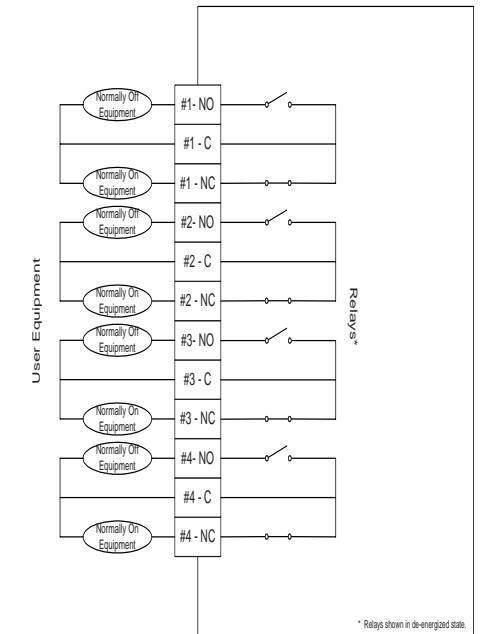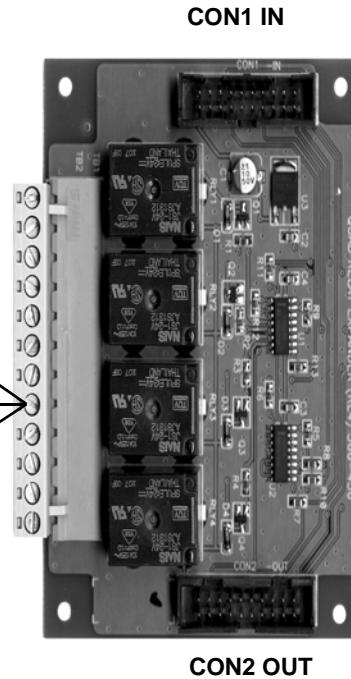
Figure 1. RM-2200-4 Relay Expander Installation