

# 861 AUXILIARY POWER DISTRIBUTION AND BUS MODULE

## Installation Guide

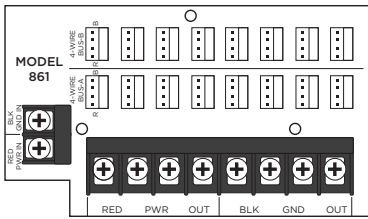


Figure 1: 861 Module

### DESCRIPTION

The Model 861 Auxiliary Power Distribution and Bus Module provides multiple auxiliary power terminals and additional Keypad Bus or LX-Bus connectors for a clean install. The 861 Module is compatible with all DMP XT30/XT50 Series and XR150/XR550 Series panels, as well as panels from other manufacturers.

For maximum flexibility, the module is rated for either 12 VDC or 24 VDC power input with a maximum current handling capacity of 8 Amps on the module RED PWR IN and BLK GND IN terminals.

### Compatibility

- XT30/XT50 Series panels
- XR150/XR550 Series panels

### What is Included?

- One 861 Module
- One Pair of 18 AWG Red and Black Wires (8")
- One Model 330 Dual-Ended 4-Wire Harness
- Hardware Pack



## 1 MOUNT THE MODULE

The module can be mounted in a DMP enclosure using the standard 3-hole mounting pattern. Refer to Figure 2 as needed during installation.

1. Hold the plastic standoffs against the inside of the enclosure side wall.
2. Insert the included Phillips head screws from the outside of the enclosure into the standoffs. Tighten the screws.
3. Carefully snap the module onto the standoffs.

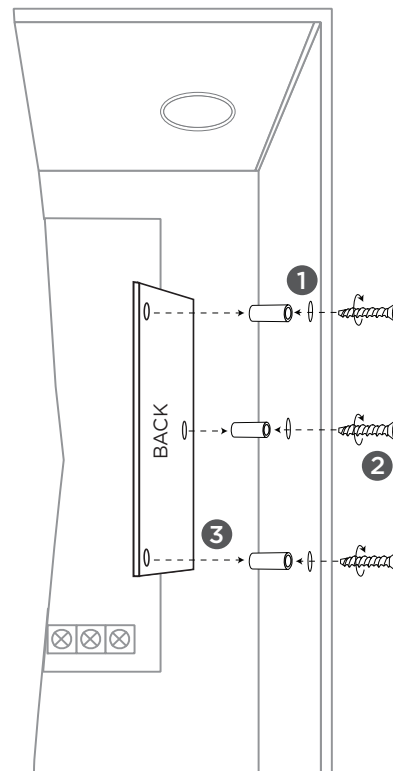


Figure 2: Standoff and Module Installation

# 2 WIRE THE MODULE

The 861 Module provides 8 connections to the panel LX-Bus or Keypad Bus. For example, connect Bus-A to the LX-Bus and Bus-B to the Keypad Bus. To configure all 861 Module headers to operate as only LX-Bus or Keypad Bus connections, join Bus-A and Bus-B together with the provided Model 330 harness.

**⚡ Caution:** Disconnect all power from the panel before wiring the module. Observe polarity on all connections. Failure to do so may result in equipment damage or personal injury.

Refer to Figure 3 during wiring.

1. If necessary, join the module buses with the provided Model 330 harness. Connect the module buses to the panel.
2. Wire the 861 RED PWR IN and BLK GND IN Terminals to the panel Keypad Bus or to 505-12 DC terminals.
3. Connect 2-wire devices to module RED PWR OUT and BLK GND OUT as needed.

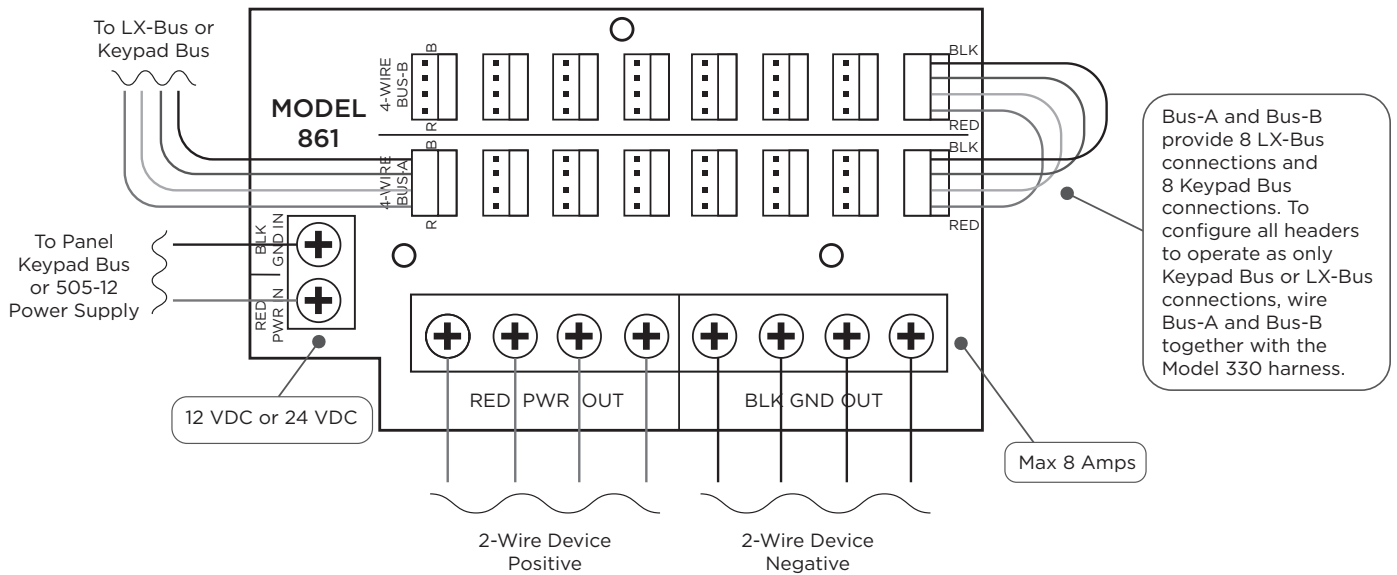
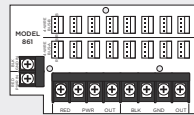


Figure 3: Wiring Connections

## 861 AUXILIARY POWER DISTRIBUTION AND BUS MODULE



### Ordering Information

860 Power Distribution/4 Wire Bus Module

### Accessories

330 Dual-Ended 4-Wire Harness

### Compatibility

XT30/XT50 Series Panels

XR150/XR550 Series Panels



Designed, engineered, and manufactured in Springfield, MO using U.S. and global components.

LT-0795 20105

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