

# 699-7800 KEYPAD DESKSTAND

## Installation Sheet

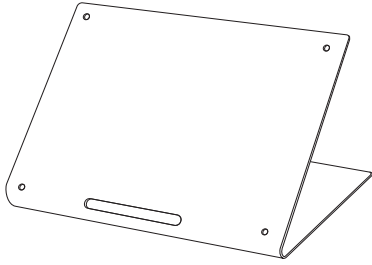


Figure 1: 699-7800 Keypad Deskstand

### DESCRIPTION

The 699-7800 Keypad Deskstand is a mounting stand configured for all DMP 7800 Series keypad models. The 699-7800 is constructed of smoked plexiglass and provides a sturdy keypad mounting option for any location. The deskstand is designed to provide access to all DMP keypad wiring headers and allows quick and easy keypad wire connections.

#### What is Included?

- 699-7800 Keypad Deskstand
- Wiring Block
- 4 ft Wire Harness
- Four round-head Phillips screws
- Tie Wrap



## 1

### MOUNT THE KEYPAD

Use the round head Phillips screws to mount the keypad base to the 699-7800 Deskstand. Refer to Figure 2 as needed.

1. Refer to the keypad installation guide and remove the cover, with circuit board and components attached, from the keypad base.
2. Align the keypad base to the four keypad mounting holes on the deskstand.
3. Insert the screws through the front of the keypad base and the deskstand.
4. Use a Phillips head screwdriver to tighten the four screws into place. Do not overtighten.

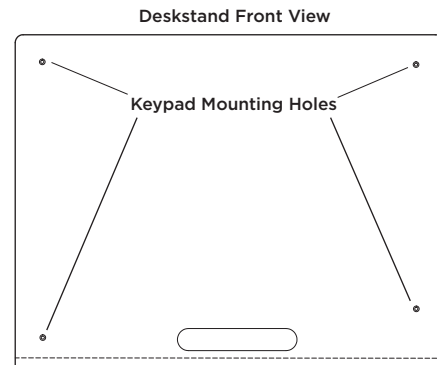


Figure 2: Keypad Mounting Holes

## 2

### WIRE THE KEYPAD

#### Panel to Wiring Block Connections

The wiring block can be mounted on a wall near the baseboard, or other unobtrusive location.

1. Insert a flat head screwdriver into the slot on each side of the wiring block to remove the cover.
2. Remove the Phillips head screws from inside the wiring block. Use the provided Phillips head screws or square of double-sided tape to mount the wiring block.
3. Connect the red, yellow, green, and black wires from Panel Terminals 7, 8, 9, and 10 to the wiring block as shown in Figure 3.
4. Snap the wiring block cover back into place.
5. Plug the modular plug end of the 4 ft wire harness into the wiring block modular receptacle.

#### Wiring Block to Keypad Connections

Refer to the 7800 Series Keypad Installation Guide (LT-1162) as needed.

1. Run the 4 ft wire harness through the opening in the 699-7800 Deskstand and keypad base.
2. Plug the terminal end onto the right edge of the 12-pin header in the back of the keypad.
3. Snap the keypad cover onto the base.

#### Keypad Rear Connections

Run a tie wrap through the back or base of the 699-7800 Deskstand. Roll the excess length of the 4 ft. wire harness into a loop and use the tie wrap to hold it in place.

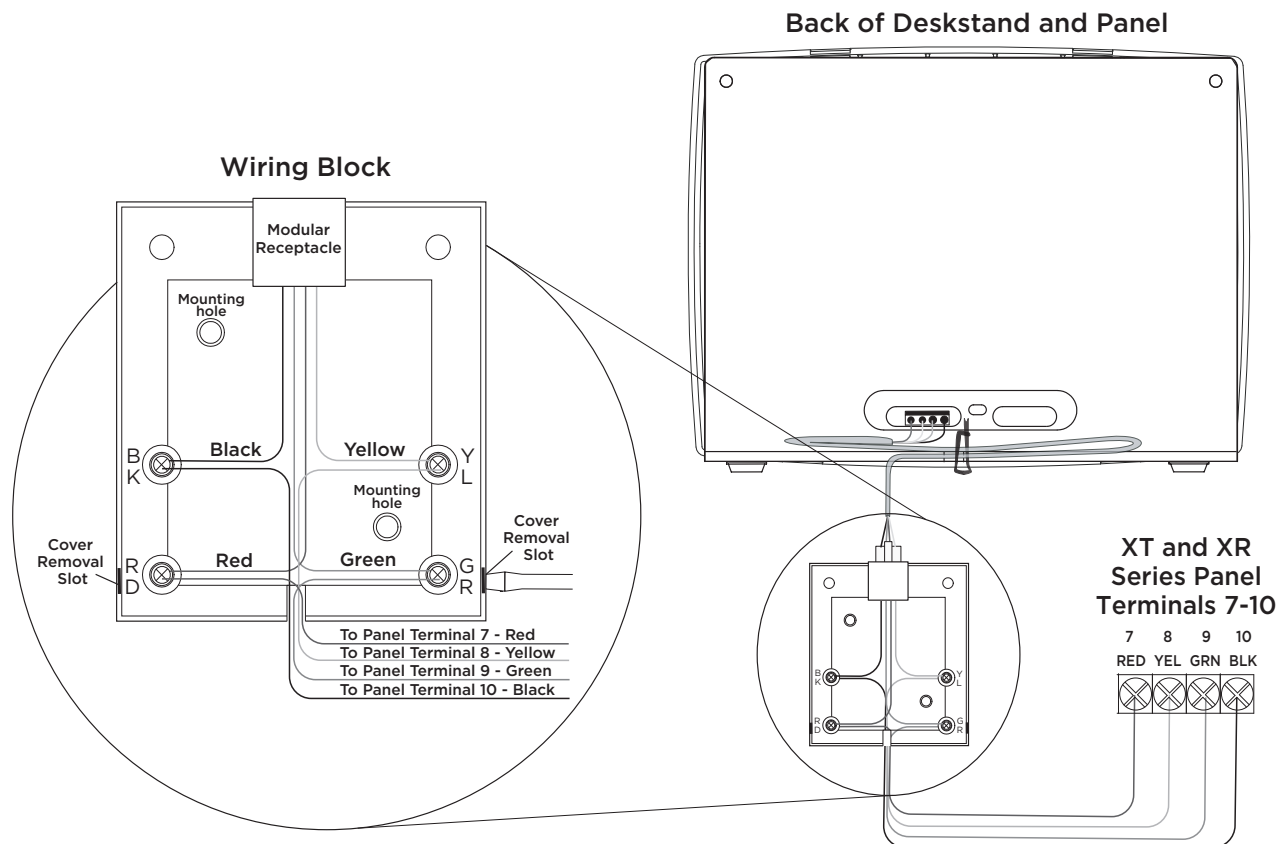


Figure 3: Panel to Keypad Wiring

## ADDITIONAL INFORMATION

### Wiring Specifications

DMP recommends using 18 or 22 AWG for all LX-Bus and Keypad Bus connections. The maximum wire distance between any module and the DMP Keypad Bus or LX-Bus circuit is 1,000 feet. To increase the wiring distance, install an auxiliary power supply, such as a DMP Model 505-12 or DMP Model PS12-5. Maximum voltage drop between a panel or auxiliary power supply and any device is 2.0 VDC. If the voltage at any device is less than the required level, add an auxiliary power supply at the end of the circuit.

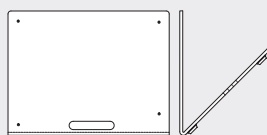
To maintain auxiliary power integrity when using 22-gauge wire on Keypad Bus circuits, do not exceed 500 feet. When using 18-gauge wire, do not exceed 1,000 feet. Maximum distance for any bus circuit is 2,500 feet regardless of wire gauge. Each 2,500 foot bus circuit supports a maximum of 40 LX-Bus devices.

For additional information refer to the LX-Bus/Keypad Bus Wiring Application Note (LT-2031) and the 710 Bus Splitter/Repeater Module Installation Guide (LT-0310).

## 699-7800 KEYPAD DESKSTAND

### Specifications

Dimensions 5.78" W x 4.62" H x 5" D  
14.68 cm W x 11.73 cm H x 12.7 cm D



### Ordering Information

699-7800 Plexiglass

### Compatibility

DMP 7800 Series Keypads



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

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