

## Model 303 Silence/Reset Push-Button Kit

### Description

The DMP Model 303 Silence/Reset Push-Button provides the ability to silence bells and reset sensors using a zone input on the DMP XR500 and XR100 Series, and XR2500F Command Processor™ panels. Adding the push-button switch allows the bells to be silenced and the sensors to be reset without using a keypad.

The Model 303 includes one push-button switch, one square adhesive piece, one adhesive backed label, and installation instructions. The following instructions explain how to install, wire, and program the 303 Silence/Reset Push-Button with the panel.

### Installing the Model 303 Silence/Reset Push-Button

1. Remove the backing from the adhesive backed label (LB-0144). Attach the label to the panel below the printed circuit board terminal block marked Z1 and GND. Be sure to place the label above the battery area.
2. Cut the push-button switch wires long enough to reach the terminals.
3. Remove the backing from one side of the square adhesive piece and attach to the push-button switch back.
3. Remove the remaining backing from the square adhesive piece on the push-button switch. Place the Model 303 at the location indicated on the label with the wires upward toward the terminal block. Press the switch firmly to the label as shown in Figure 1.

### Wiring the 303 Push-Button to the Panel

1. Connect the two wires from the push-button switch to the printed circuit board terminal block Z1 and GND. See Figure 1.
2. Connect a 1K Ohm resistor across the Z1 and GND terminals. See Figure 1.

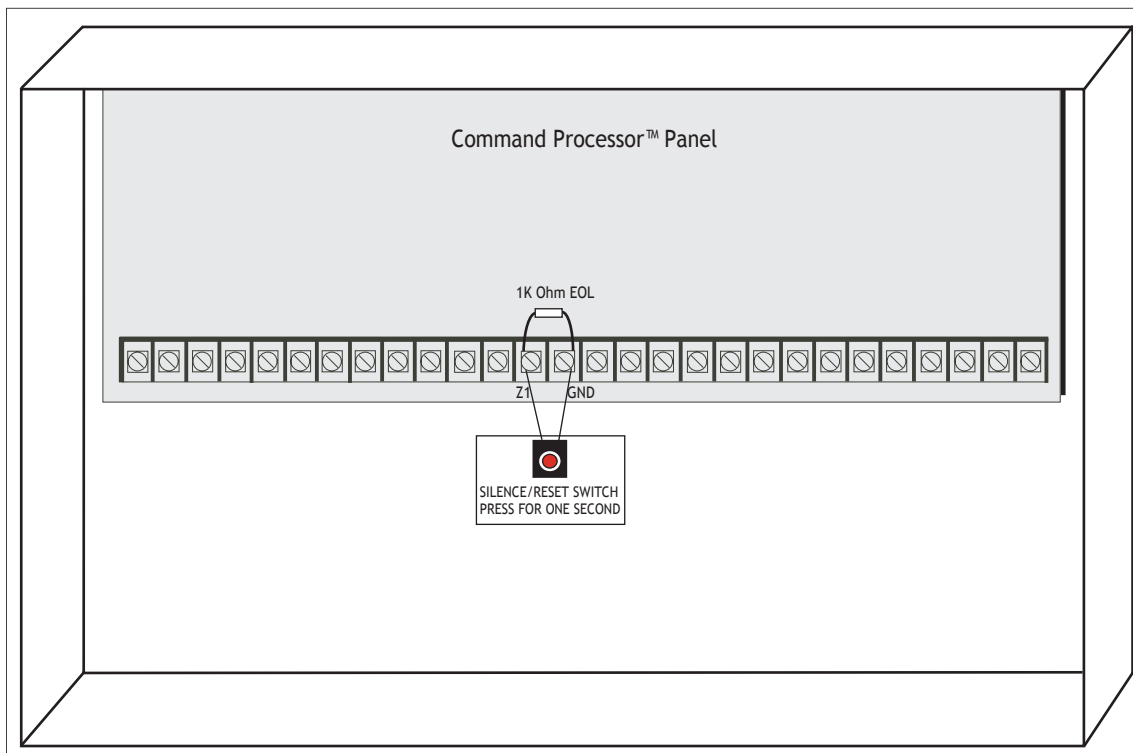


Figure 1: Model 303 Silence/Reset Push-Button Placement

## Programming the Panel

After installing the Silence/Reset Push-Button, the panel must be programmed for proper operation. Access the panel PROGRAMMING menu using a keypad. Press the COMMAND key until ZONE INFORMATION displays. Press any Select key to display the programming prompts. Follow the prompts as shown below to program the panel for the Silence/Reset Push-Button. For other zone information programming, refer to the XR100 Series Programming Guide (LT-0896) or the XR500 Series/XR2500F Programming Guide (LT-0679).

### ONE NUMBER

1. **ZONE NO:** - displays. Enter the zone number for the 303 Silence/Reset Push-Button. For example: As installed in Figure 1, enter Zone number 1.
2. Press the COMMAND key to continue.

### ZONE NAME

1. \* **UNUSED\*** displays. Press any Select key.
2. Enter up to 16 characters for the zone name: For example, SILENCE SWITCH.
3. Press the COMMAND key to continue.

### ZONE TYPE

1. **ZONE TYPE: BLANK** displays. Press any Select key. The display lists the available zone types, four at a time.
2. Press the COMMAND key for the next four available zone types.
3. Press the Select key beneath **SV** (supervisory).

### FIRE BELL OUT

1. **FIRE BELL OUT: 0** displays. Do not change. Press the COMMAND key to continue.

### NEXT ZONE

1. **NEXT ZN? NO YES** displays. Select **NO** to change the standard definition of Alarm Action for zone one.

### ALARM ACTION

*Armed Open* - Do not change. Press the COMMAND key until **ARMED SHORT** displays.

*Armed Short* - Press the COMMAND key.


1. **MSG: ALARM** displays. Press any Select key.
2. **A T S** - displays. Press the Select key beneath **S**.

Panel programming for the Silence/Reset Push-Button is complete. To exit the programming menu:

1. Press the COMMAND key until **ZONE NO: -** displays.
2. Press the Back Arrow key. The keypad displays **ZONE INFORMATION**.
3. Press the COMMAND key. The keypad displays **STOP**.
4. Press any Select key to save programming.

## How the Model 303 Push-Button Works

When the Silence/Reset Push-Button is pushed and held for one second, the bell output silences and a sensor reset occurs. The zone name does not appear in the keypad display and the zone one alarm message is not sent to the receiver. This allows an alarm silence and sensor reset to be initiated without using a keypad.

<b>Compatible Panels</b> XR100 and XR500 Series, XR2500F panels		<b>Listings and Approvals</b> California State Fire Marshall (CSFM) Underwriters Laboratories (UL) Listed UL 864 Fire Protective Signaling	
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