

# PANIC KEYPAD ANNUNCIATION

## Application Note

DMP panels process panic alarms silently. If a situation calls for a panic alarm to sound an alert, follow these wiring and programming steps to configure a panic zone to annunciate at a keypad. Once this process is completed, associated keypads annunciate and display a zone description until that zone is restored.

### 1 WIRE THE ZONE

On an XR Series Control Panel, connect a 1K Ohm resistor from GND to Zone 8. Use 18-22 AWG to connect from Zone 8 to Output 3. See Figure 1.

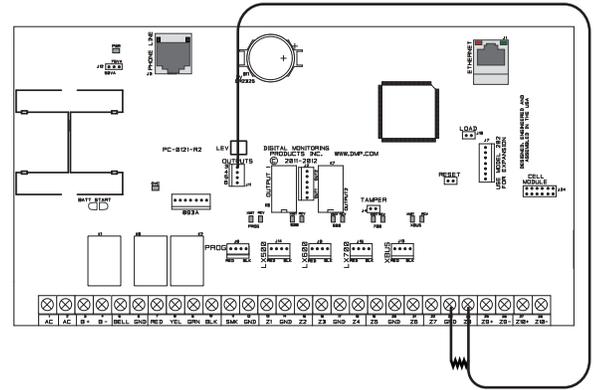


Figure 1: Connect Zone 8 to the OUTPUT Header (XR550)

### 2 PROGRAM THE OUTPUT

Program the panel to allow wired and wireless panics to annunciate at the keypad. Then, continue to program any hardwired or wireless panic zones. After completing each of the following steps, press **CMD** to advance to the next prompt.

1. Reset the panel and press **6653** to enter the **PROGRAMMER** menu.
2. At **OUTPUT OPTIONS**, set **PANC ALM OUT:** to **3**.
3. At **OUTPUT INFO**, enter output **3**.
4. At **\*UNUSED\***, name the output **PANIC ALERT**.
5. Go to **STATUS LIST**.
6. At **PANIC ZONES:**, enable all desired keypads by selecting their corresponding numbers.
7. Go to **ZONE INFORMATION**.
8. Enter zone number **8** (the actual alerting zone for the panic) and name it **PANIC ALERT**.
9. Set the **ZONE TYPE:** to **DY** (day) and the **AREA NO:** to **1**.



**Note:** Program area 1 before setting the zone type to DY.

10. At **NEXT ZONE?**, select **NO. ALARM ACTION....** displays.
11. Set **DISARMED OPEN**, **DISARMED SHORT**, **ARMED OPEN**, and **ARMED SHORT** to **L** (local).
12. Set **SWGR BYP** to **NO**.

### 3 PROGRAM THE PANIC ZONES

#### Wireless Panic Zones

1. At **ZONE INFORMATION**, enter a zone number and name.
2. At **ZONE TYPE**, select **PN** (panic).
3. At **NEXT ZONE?**, select **NO**.
4. Enter the zone's serial number and configure additional wireless zone programming.
5. Continue programming zones or navigate to **STOP** and press a top-row select key to save all programming.

## Hardwired Panic Zones

1. Navigate to **ZONE INFORMATION** and enter a zone number and name.
  2. At **ZONE TYPE**, select **PN** (panic).
  3. At **NEXT ZONE?**, select **NO**.
  4. Navigate to **ALARM ACTION**:
    - If you are wiring the panic as a normally closed device, set **ARMED OPEN** to **ALARM** and **ARMED SHORT** to **TROUBLE**.
-  **Note:** Normally closed means that the circuit opens when the panic is activated.
- If you are wiring the panic as a normally open device, set **ARMED OPEN** to **TROUBLE** and **ARMED SHORT** to **ALARM**.
-  **Note:** Normally open means that the circuit shorts when the panic is activated. DMP recommends wiring panics as normally open devices.
5. Continue programming zones, or navigate to **STOP** and press a top-row select key to save all programming.

## HOW TO RESTORE PANIC ZONES

If a panic zone triggers an alarm, complete the following processes to return the zone to its normal state:

- Physically restore the zone
- Perform a sensor reset
- Disarm the system



**Note:** The physical restoral and sensor reset can be performed in any order. However, the system must be disarmed last.

### Physical Restoral

If the triggered panic zone is a latching hardwired contact, restore it to its original position.

### Sensor Reset

1. On a Thinline keypad, press and hold **2** for two seconds. On a touchscreen keypad, press **RESET**.
2. Enter your user code if required.
3. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.

### Disarm the System

1. At a keypad, press **CMD** until **ARM DISARM** displays, then select **DISARM**.
2. Enter a user code with the authority to disarm area 1.



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