1158 WIRELESS EIGHT-ZONE TAKEOVER MODULE
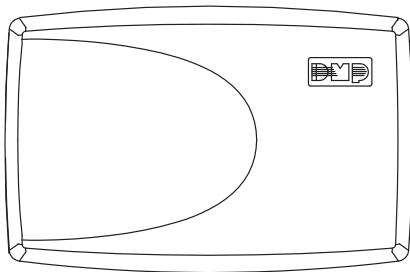## *Installation Guide*

Figure 1: 1158 Housing

DESCRIPTION

When a DMP panel is installed in a location with an existing non-DMP panel, the 1158 Wireless Eight-Zone Takeover Module can be used to convert up to eight existing normally closed, hardwired zones into wireless zones. This allows the new DMP panel to communicate with existing zones.

The 1158 uses two serial numbers to accommodate up to eight zones and can be powered by transferring AC and battery power from the existing panel.

Compatibility

All DMP 1100 Series Wireless Receivers and burglary panels. See the last page for compatibility details.

What is Included?

- 1158 Wireless Eight-Zone Takeover Module
- Hardware pack

1 PROGRAM THE PANEL

The 1158 can be programmed with up to eight zones. When programming the 1158 in the panel, refer to the panel programming guide as needed.

Program the serial number associated with contacts 1 through 4 first. Then, be sure to start by programming contact 1.

When you enter the serial number associated with contacts 5 through 8, contact 1 displays again indicating that you are programming the first contact associated with that serial number.

1. In **ZONE INFORMATION**, enter the **ZONE** number, and then press **CMD**.
2. Enter the **ZONE NAME** and press **CMD**.
3. Once **ZONE TYPE** appears, select the appropriate zone type, and then press **CMD**.
4. At the **NEXT ZONE** prompt, select **NO**. If you see the **WIRELESS ZONE** prompt, select **YES**.

   Note: If you are programming the 1158 onto a zone that can be either hard wired or wireless, then this prompt appears. If the zone you are programming is wireless-only, then the prompt does not appear.
5. Enter the eight-digit **SERIAL NUMBER** and press **CMD**.
6. Enter the **CONTACT** number being used.
7. Enter the **SUPERVSN TIME** and press **CMD**.
8. At the **NEXT ZONE** prompt, select **YES** and continue to program up to seven more zones.

   Note: Zones must be entered sequentially. For example, if you begin by programming zone 71, you would need to program zone 72 as the next contact.

Supervisory Message

When a wireless receiver is installed, a receiver is restarted, the panel is reset, or if programming is complete, then the supervision time is reset.

If the receiver has been powered down for more than one hour, then the 1158 may take up to an additional hour to send a supervision message.

A missing message may display on the keypad until the supervision message is sent.

2 MOUNT THE 1158

The 1158 should be placed close to the existing non-DMP panel.

With the 1158's housing cover removed, use the supplied screws to secure the 1158 to a wall or other flat surface. The 1158 PCB has built-in holes to allow you to screw the housing onto a surface without removing the PCB. See Figure 2.

3 WIRE THE 1158 CONTACTS

Wire the contacts and connect the receiver before connecting power to the 1158.

1. Locate the existing normally closed contacts you would like to connect to the 1158. These contacts should be within 2,500 feet of the 1158.
2. Use 18–22 gauge wire to connect a contact to a zone terminal and a ground (GND) terminal. See Figure 2.
3. Repeat Step 2 for the remaining contacts, as needed.

Note: When wiring new contacts, EOL resistors do not need to be used. However, if exsiting contacts have EOL resistors installed, they do not need to be changed or removed.
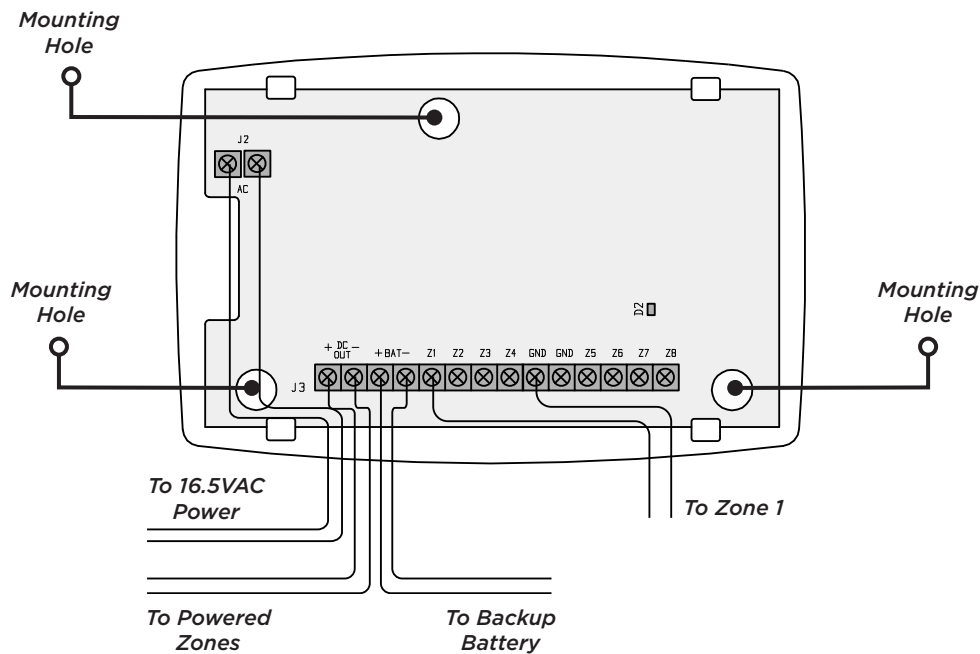

Figure 2: 1158 Zone and Power Wiring

4 POWER THE 1158

To power the 1158, transfer AC power from the existing panel to the 1158. If a backup battery is attached to the existing panel, it can also be transfered. Use 18-22 gauge wire for all wiring connections.

1. Connect the 1158's **AC** power terminals to the existing panel's 16.5VAC power supply. See Figure 3.
2. Connect the 1158's negative and positive **DC OUTPUT** terminals to any zones that require separate power, if necessary.
3. Ensuring that polarity is correct, connect the 1158's negative and positive **BAT** terminals to the existing panel's backup battery, if necessary.
4. Snap the 1158 housing cover into place.

FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm (7.874 in.) from all persons. It must not be located or operated in conjunction with any other antenna or transmitter.

Changes or modifications made by the user and not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Information

This device complies with Industry Canada Licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. *l'appareil ne doit pas produire de brouillage, et*
2. *l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

This system has been evaluated for RF Exposure per RSS-102 and is in compliance with the limits specified by Health Canada Safety Code 6. The system must be installed at a minimum separation distance from the antenna to a general bystander of 7.87 inches (20 cm) to maintain compliance with the General Population limits.

L'exposition aux radiofréquences de ce système a été évaluée selon la norme RSS-102 et est jugée conforme aux limites établies par le Code de sécurité 6 de Santé Canada. Le système doit être installé à une distance minimale de 7.87 pouces (20 cm) séparant l'antenne d'une personne présente en conformité avec les limites permises d'exposition du grand public.

1158 WIRELESS EIGHT-ZONE TAKEOVER MODULE

Specifications

Frequency Range	905-924 MHz
Color	White
Housing Material	Flame retardant ABS
Dimensions	4.65″ L x 3.1″ W x 1.4″ H
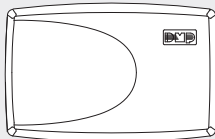
Compatibility

- XT30 panels with 1100D Series Wireless Receiver
- XT50 panels with integrated wireless receiver or 1100D Series Wireless Receiver
- XR150/XR550 Series panels with 1100X Series Wireless Receivers
- XTLplus panels with integrated wireless receiver
- XTLC panels with integrated wireless receiver
- 1100D/1100X Series Wireless Receiver Version 105 or higher

Certifications

FCC Part 15 Registration ID CCKPC0198
Industry Canada Registration ID 5251A-PC0198

Patents

U.S. Patent No. 7,239,236