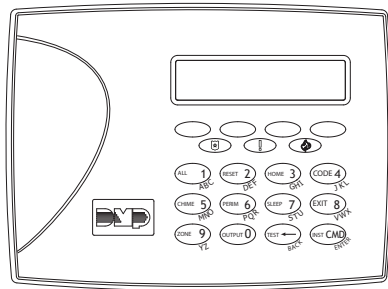


# 7360/7363 Thinline Series Icon Keypads

## INSTALLATION AND PROGRAMMING GUIDE





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# ABOUT THE 7360/7363

The DMP Thinline™ Series Icon Keypads provide an easy to understand icon display to assist users when arming and disarming an All/Perimeter or Home/Sleep/Away system or using any of the standard system features. The icons provide immediate recognition of any system alarm as well as system status.

The Model 7360 provides three 2-button Panic keys, backlit keyboard with easy-to-read lettering and an internal speaker.

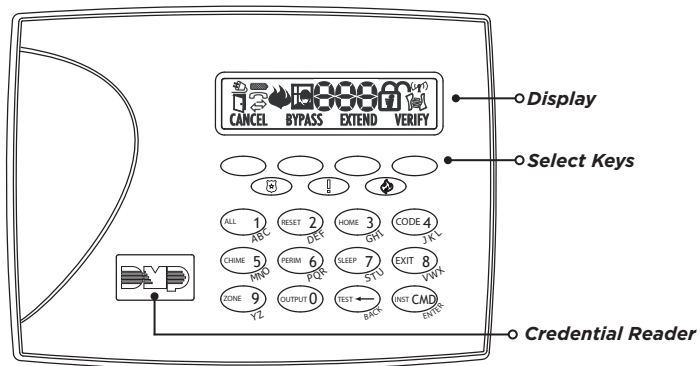
## *Card Reader*

The Model 7363 also provides a built-in proximity reader designed to read standard HID proximity credentials. When a proximity credential is presented to the internal reader, a beep tone is heard to provide an audible acknowledgement of the credential read.

## *Proximity Credentials Compatibility*

DMP Keypads with internal proximity readers are compatible with most standard 125Khz Prox credentials available from all DMP proximity credentials. DMP does not guarantee compatibility with credentials not purchased from DMP.

# 7360/7363 FEATURES

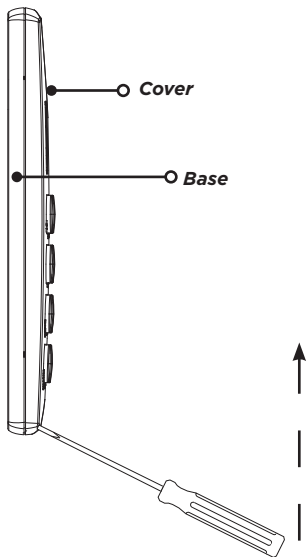


**Figure 1: Thinline Series Icon Keypad**

# INSTALL THE 7360/7363

## 1 *Remove the Cover*

1. Insert a flat screwdriver into one of the slots on the bottom of the keypad and gently lift the screwdriver handle toward you while pulling the halves apart. See Figure 2. Repeat with the other slot.
2. Using your hands, gently separate the front from the base and set the front and components aside.



**Figure 2: Removing Cover**

## **2** *Wire the Keypad*

The 7360 and 7363 keypads are supplied with a 4-wire harness for panel keypad bus connection. Since all 7300 Series keypads operate together on the Keypad bus using the same address, there is no address option to set.

Observe wire colors when connecting the Red, Yellow, Green, and Black wires to the keypad bus.

When wiring directly to the panel terminals:

1. Connect Red to panel terminal 7.
2. Connect Yellow to terminal 8.
3. Connect Green to terminal 9.
4. Connect Black to terminal 10.

## **3** *Install the System Information Reference Card*

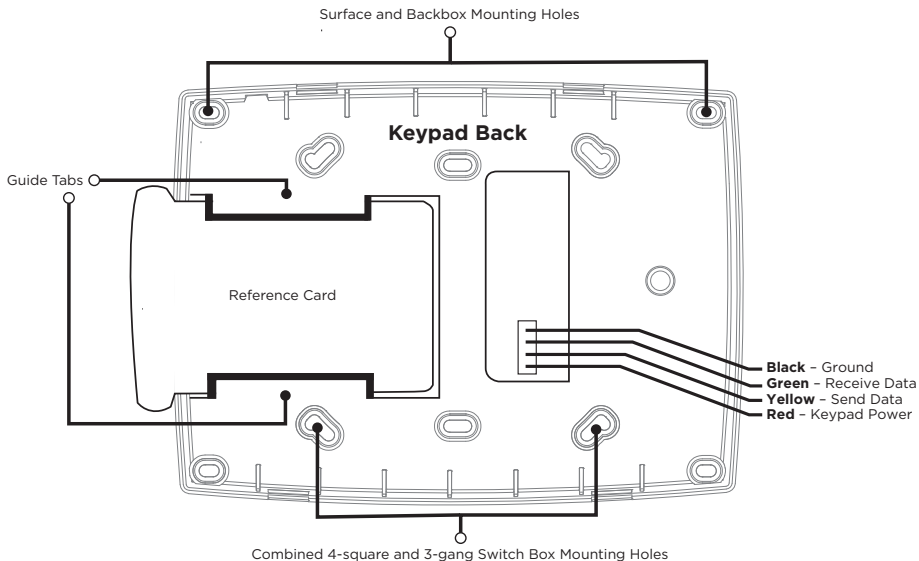
User Code instructions are on one side of the card and the opposite side offers an area to record zone numbers and names. Figure 3 shows the location of the pull-out card holder on the back of the keypad.

While the keypad is attached to the wall, insert the bottom of the card at an angle to align the card into the bottom slot, then slide the card in place.

## **4** *Mount the Keypad*

All DMP keypad housings are designed to easily install on any 4" square box, 3-gang switch box, DMP 695 and 696 backbox, or flat surface.





**Figure 3: Keypad Back with Wiring Harness**

# ADDITIONAL INFORMATION

## *Additional Power Supply*

If the current draw for all keypads exceeds the panel output, provide additional current by adding a Model 505-12 auxiliary power supply. Connect all keypad Black ground wires to the power supply negative terminal. Run a jumper wire from the power supply negative terminal to the panel common ground terminal. Connect all keypad power (+12 VDC) wires to the power supply positive terminal. Do not connect the power supply positive terminal to any panel terminal. Refer to the 505-12 Power Supply Installation Guide (LT-0453) for more information.

## *Panic Key Options*

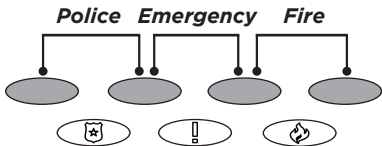
### **2-Button Panic Keys**

All keypads offer a panic key function that allows users to send Panic, Emergency, or Fire reports to the central station. In order to use the panic keys, enable the functions in the keypad user menu. See Programming Keypad Options later in this document. Install the supplied icon labels below the top row of Select keys as shown in Figure 4.

Press and hold the two Select keys for two seconds until a beep from the keypad is heard. At the beep, the panel sends the zone alarm reports shown in Table 1 to the central station.



**Note:** All 7300 keypads send address 8 as a default on panic alarms.



**Figure 4: Panic Keys**

TITLE	SELECT KEYS	ZONE NUMBER
Panic	Left Two Keys	19
Emergency	Center Two Keys	29
Fire	Right Two Keys	39

**Table 1: Panic Keys and Zones**

## ***Internal Speaker Operation***

All keypads emit standard tones for key presses, entry delay and system alerts. The speaker also provides distinct burglary, fire, zone monitor and prewarn cadences. The keypads provide an alternate prewarn with alarm cadence that occurs when the status list displays a zone alarm.

## ***Backlighting***

On Thinline Icon keypads, both the logo and keyboard light when a key is pressed or the speaker sounds. During an alarm condition, the keyboard and logo backlight turns Red. When all alarm conditions are cleared from the display, the Red display turns off and the lighted areas return to the user-selected brightness.

# PROGRAM THE KEYPAD

## *End-User Options*

All models provide three keypad adjustments the end-user can make through the User Options Menu.

Press and hold the Back Arrow and CMD keys for two seconds to access User Options. Use the CMD key to display the next option or press the Back Arrow to exit the User Options menu.



### **Backlighting Brightness (b 8)**

Set the keypad LCD Display brightness level and the keyboard and logo backlighting by selecting the desired brightness from the range of off (0) to maximum (8). The far left position displays b (Brightness) and the far right position displays the selected brightness level. If the brightness level is lowered, it reverts to maximum intensity whenever a key is pressed. If no keys are pressed and the speaker has not sounded for 30 seconds, the user-selected brightness level restores. The default is **8**.



### **Internal Speaker Tone (S 5)**

Set the keypad internal speaker tone from the range of 1-8. The far left position displays S (Speaker) and the far right position displays the selected tone level. The default is **5**.



### **Internal Volume Level (L 8)**

Set the keypad internal speaker volume level for key presses and entry delay tone conditions from the range of off (0) to maximum (8). The far left position displays L (Level) and the far right position displays the selected volume level. During alarm and trouble conditions, the volume reverts to maximum level. The default is **8**.



### **Software Version (100)**

The LCD displays the 3-digit software version of the keypad. Version 100 is shown in the example.



### **Keypad Model Number**

The LCD displays the model number of the keypad.

(60) The Model 7360 keypad



(63) The Model 7363 keypad with built-in proximity reader

## *Installer Options Menu*

All models provide a Keypad Option and Diagnostic menu to allow installing and service technicians to configure and test keypad operation. Since all 7300 Series keypads operate together on the Keypad bus using the same address, there is no address option to set.

### **Accessing Installer Options**

The Installer Options Menu can only be accessed from the User Options menu while displaying the Software Version or Model Number. When either is displayed, enter the code 3577 (INST) and press CMD.

### **Programming Keypad Options**

This menu allows the top row Select keys to be enabled as 2-button Panic keys and sets the number of digits for user codes in the system.



### **Panic Keys (P 0)**

Use this option to configure the top two left Select keys as 2-button Panic keys. The display shows the current panic setting. The far left position displays **P** (Panic) and the far right position displays the panic key setting. To enable the panic key operation press the number one key. This toggles between one (**1**) and zero (**0**) on the display. Zero (**0**) disables this option. The default is **0**.



### **Emergency Key (E 0)**

Use this option to configure the top two middle Select keys as 2-button Emergency keys. The display shows the current emergency key setting. The far left position displays **E** (Emergency) and the far right position displays the emergency key setting. To enable the emergency key operation press the number one key. This toggles between one (**1**) and zero (**0**) on the display. Zero (**0**) disables this option. The default is **0**.



### **Fire Key (F 0)**

Use this option to configure the top two right Select keys as 2-button Fire keys. The display shows the current fire key setting. The far left position displays **F** (Fire) and the far right position displays the fire key setting. To enable the fire key operation press the number one key. This toggles between one (**1**) and zero (**0**) on the display. Zero (**0**) disables this option. The default is **0**.



### **Number of User Code Digits (U 4) from Proximity Card Read (7363)**

The 7363 keypad will convert proximity credential data into a four, five or six digit code which is then sent to the control panel. Enter the user code digit length used by the panel. The far left digit displays **U** (User Code) and the far right position displays the user code digit length. The default is **4** and is the proper setting for XT30/XT50 panels.

When searching the bit string from the reader for the user code, the digits are identified and read from left to right. When a four-digit user code is selected only the first four digits of the string are read.

## *Keypad Diagnostics*

### **LCD Segment Test**

At diagnostics startup the keyboard is backlit at maximum brightness and all the icons flash on and then off as a group. The keypad alternates between these two states for approximately two minutes. Press the Back Arrow to return to the Panic Keys option. Press CMD at any time to continue to the next test.

### **Test Individual Keys and Card Read**

When a top row select key is pressed, the corresponding Cancel, Bypass, Extend, or Verify option is displayed. When keys 0-9 are pressed, the number of the selected key is displayed in the 3-digit display. If a proximity credential is presented during the key test, the keypad beeps once for a successful read.

### **Exiting the Installer Options**

Press the CMD to end Installer Options. Press the Back Arrow key to return to the LCD Segments test.



# KEYPAD BUS WIRING SPECIFICATIONS

- DMP recommends using 18 or 22-gauge unshielded wire for all keypad and AX-Bus/LX-Bus circuits. Do not use twisted pair or shielded wire for AX-Bus/LX-Bus and Keypad Bus data circuits. All 22-gauge wire must be connected to a power-limited circuit and jacket wrapped.
- On Keypad Bus circuits, to maintain auxiliary power integrity when using 22-gauge wire do not exceed 500 ft. When using 18-gauge wire do not exceed 1,000 ft. To increase the wire length or to add devices, install an additional power supply that is listed for Fire Protective Signaling, power limited, and regulated (12/24 VDC nominal) with battery backup.



**Note:** Each panel allows a specific number of supervised keypads. Add additional keypads in the unsupervised mode.

- Maximum distance for any one bus circuit (length of wire) is 2,500 ft regardless of the wire gauge. This distance can be in the form of one long wire run or multiple branches with all wiring totaling no more than 2,500 ft. As wire distance from the panel increases, DC voltage on the wire decreases. Maximum number of AX-Bus/LX-Bus devices per 2,500 ft circuit is 40.
- Maximum voltage drop between the panel (or auxiliary power supply) and any device is 2 VDC. If the voltage at any device is less than the required level, add an auxiliary power supply at the end of the circuit. When voltage is too low, the devices cannot operate properly.

For additional information refer to the panel's Installation Guide or the 710 Installation Sheet (LT-0310).

# PRODUCT SPECIFICATIONS

**Operating Voltage** 12 VDC

## **Current Draw**

7360

Normal Standby 60 mA

Alarm 67 mA

7363

Normal Standby 73 mA

Alarm 80 mA

**Thinline Dimensions** 7.00 W x 5.25 H x 0.50 D in  
17.78 W x 13.34 H x 11.30 D cm

# ORDERING INFORMATION

**7360-W Thinline Series Icon Keypad, white**

**7363-W Thinline Series Icon Keypad with prox reader, white**

# CERTIFICATIONS

**California State Fire Marshal (CSFM)**

**FCC Part 15 ID: CCKPC0086**

**Industry Canada ID: 5251A-PC0086**



**Intertek**

## **Intertek (ETL) Listed**

<b>ANSI/SIA CP-01</b>	False Alarm Reduction
<b>ANSI/UL 1610</b>	Central Station Burglar
<b>ANSI/UL 609</b>	Local Burglar
<b>ANSI/UL 1076</b>	Proprietary Burglar
<b>ANSI/UL 365</b>	Police Connected Burglar
<b>ANSI/UL 1023</b>	Household Burglar
<b>ANSI/UL 985</b>	Household Fire Warning

# ACCESSORIES

## Backboxes

<b>695</b>	Keypad Conduit Backbox
<b>696</b>	Keypad Backbox
<b>777</b>	Protective Keypad Cover

## Keypad Wiring Harness

<b>300</b>	4-wire Harness
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## Proximity Credential for Use with Model 7363

<b>1306P</b>	Prox Patch™
<b>1306PW</b>	Prox Patch™ 26-Bit
<b>1326</b>	HID ProxCard II® Card
<b>1346</b>	HID ProxKey II® Access Device
<b>1386</b>	HID ISOProx II®

## Farpointe Proximity Credentials

<b>CSR-35P</b>	Conekt Bluetooth Reader
<b>Delta 3</b>	Contactless Mullion-Mount Smartcard Reader
<b>Delta 5</b>	Contactless Mullion-Mount Smartcard Reader
<b>Delta 6.4</b>	Contactless Smartcard Reader and Keypad
<b>P-300-H-A</b>	Cascade Proximity Reader
<b>P-500-H-A</b>	Alps Proximity Reader
<b>P-620-H-A</b>	Denali Proximity Reader with Keypad
<b>P-640-H-A</b>	Patagonia Proximity Reader with Keypad

# 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.

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 License-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.

Information furnished is believed to be accurate and reliable.  
This information is subject to change without notice.



