



## INSTALLATION AND PROGRAMMING GUIDE



### 8860 7-Inch Touchscreen Keypad

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# GET STARTED

8860 7-Inch Touchscreen Keypads offer an easy to use touchscreen interface with an on-board camera, optional panic keys, an internal speaker, and other features. Keypads can be mounted on a flat surface with appropriate fasteners.

## Choose How to Install

The 8860 can communicate with the panel through network (Wi-Fi) connection or the keypad bus.

### Network (Wi-Fi)

To install and program using network connection, begin at [Network \(Wi-Fi\) Connection Instructions](#).

### Network (Hardwired)

To install and program using network connection, begin at [Network \(Hardwired\) Connection Instructions](#).

### Keypad Bus

To install and program using the keypad bus, begin at [Keypad Bus Connection Instructions](#).

## What's Included

- ▶ One 8860 7-Inch Touchscreen Keypad
- ▶ Hardware pack

## What You'll Need

- ▶ 7/64" (2.5mm) drill bit for drywall mounting
- ▶ 1/4" (6 mm) drill bit for masonry mounting
- ▶ #2 Phillips screwdriver

## Procedure

This guide walks you through the required steps needed to install an 8860 keypad. They are:

1. Update the panel firmware.
2. Program the panel.
3. Install the keypad.
4. Connect to Network.
5. Program the keypad.
6. Train your customer.

## Keypad Layout

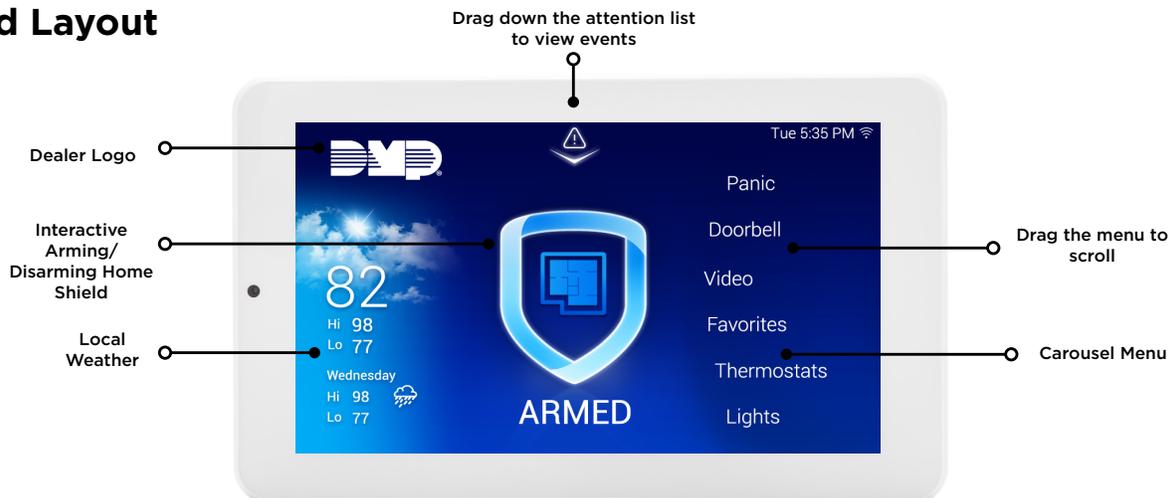


Figure 1: Keypad Layout

# NETWORK (WI-FI) CONNECTION INSTRUCTIONS

## UPDATE THE PANEL FIRMWARE

To use the most up to date keypad features available, update your panel to the latest firmware version. Refer to the table below for keypad features and their corresponding panel firmware versions.

You can also view [How to Update Your 7-Inch Keypad](#).

Follow the steps below to update your panel firmware remotely from Dealer Admin.

1. Navigate to Dealer Admin.
2. Select the customer and system.
3. In the menu, click **System Remote Update**.
4. If you want to view the update details before updating, click the PDF icon next to **View Release Notes**.
5. Click **Update System**. If you go to a different page, the system continues to update in the background.
6. After the system has updated, the **Panel Name**, **Firmware Version**, and **Date Code** updates at the top of the page.

Feature	XTL Series	XT30/XT50	XT75	XR Series
<ul style="list-style-type: none"> <li>Standard Functionality</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 221 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 221 or higher</li> </ul>
<ul style="list-style-type: none"> <li>V-6000 Camera Compatibility</li> <li>Voice Annunciation</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> </ul>
<ul style="list-style-type: none"> <li>Bluetooth Disarming</li> <li>Wi-Fi Communication</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> </ul>

# PROGRAM THE PANEL

Before continuing with programming and setup, program the keypad in the panel as a device. To access the Programmer menu, reset the panel by shorting the RESET header, press **Keypad** in the Carousel menu, enter **6653** (PROG), then press **CMD**. After completing each of the following steps, press **CMD** to advance to the next option. To exit the Programmer menu, select **CMD** to advance through the menu items until you reach **STOP** at the end of the menu. Select **STOP** to return to the main screen. Refer to the panel programming guide as needed.

## Network Options

NETWORK OPTIONS
LOCAL IP ADDRESS <b>192.168.0.250</b>

### Network Options

Advance to **Network Options**, then press a select area to enter the setup menu.

#### Local IP Address

Enter the local IP address for the panel. The local IP address must be unique and cannot be duplicated. The default address is **192.168.0.250**. This must match the **Panel IP Address** in keypad **Network Options**.

## XR and XT75

734N LISTEN PORT: <b>2002</b>
----------------------------------

#### 734N Listen Port

Enter the port number the panel will use to send communication to the keypad via Wi-Fi. The default port is **2002**. This must match the **Panel Port** in keypad **Network Options**. Enter the same port number used for the **734 Listen Port** when programming the keypad **Panel Port**. See [Network Options](#) in Program the Keypad for more information.

734N PASSPHRASE -
----------------------

#### 734N Passphrase

Enter an 8 to 16 character passphrase for the panel to use to send communication to the keypad via Wi-Fi. This must match the **734N Passphrase** in keypad **Network Options**.

## XT30/XT50 (Hardwired Network)

PROGRAMMING PORT <b>2001</b>
---------------------------------

#### Programming Port

Keep the Programming Port at its default setting. The default port for the panel is **2001**. The default port for the keypad is **2002**. These two ports do not need to be the same. Enter the same port number used for the **734 Listen Port** when programming the keypad **Panel Port**. See [Network Options](#) in Program the Keypad for more information.

## XTL and XT30/XT50 (Wi-Fi Only)

PROGRAMMING PORT <b>0</b>
------------------------------

#### Programming Port

For a single Wi-Fi connected keypad, keep the Programming Port at its default setting, **2001**. For up to three Wi-Fi connected keypads, set the Programming Port to **0**. Enter the same port number used for the **734 Listen Port** when programming the keypad **Panel Port**. See [Network Options](#) in Program the Keypad for more information.

Refer to the table below for more information.

Panel Models	Panel Communication Type	Available Network Keypads (Including Wi-Fi Keypads)
XR Series	Hardwired Network	15 network keypads
XR Series	Wi-Fi Only (763 Module)	0 network keypads
XT75	Hardwired Network	7 network keypads
XT75	Wi-Fi Only (763 Module)	0 network keypads
XT30/XT50 XTLplus-N	Hardwired Network	7 network keypads
XT30/XT50 XTL Series	Wi-Fi Only (763 Module or onboard Wi-Fi)	1 network keypad (if <b>Programming Port</b> is set to any value)
X30/XT50 XTL Series	Wi-Fi Only (763 Module or onboard Wi-Fi)	3 network keypads (if <b>Programming Port</b> is disabled by setting to <b>0</b> )

# Device Setup

## XR and XT75

DEVICE SETUP

DEVICE SETUP  
DEVICE NO: -

### Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

### Device Number

Set the keypad address.

Panel Models	Available Device Number Range (Network Connection including Wi-Fi)
XR550	2-16
XR150	2-8
XT75	2-8

Refer to **Network Options** in the **Program the Keypad** section for the available number of network keypads per panel model.

DEVICE SETUP  
\*UNUSED\*

DEVICE SETUP  
TYPE: **KEYPAD**

DEVICE SETUP  
COMM TYPE: **NET**

### Device Name

Enter a name for the device.

### Device Type

Select the **Keypad** device type.

### Communication Type

For use as a Wi-Fi keypad, select **NET**.

## XT30/XT50 and XTL Series

DEVICE SETUP

DEVICE SETUP  
DEVICE NO: -

### Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

### Device Number

Set the keypad address.

Panel Models	Available Device Number Range (Network Connection including Wi-Fi)
XT30/XT50	2-8
XTLplus	2-8
XTLtouch	2-8

Refer to **Network Options** in the **Program the Keypad** section for the available number of network keypads per panel model.

DEVICE SETUP  
\*UNUSED\*

DEVICE SETUP  
DOOR? **NO** YES

DEVICE SETUP  
NETWORK? **NO** **YES**

### Device Name

Enter a name for the device.

### Door Device Type

Select **NO** at Door Device Type.

### Network

For use as a Wi-Fi keypad, select **YES**.

# INSTALL THE KEYPAD

## 1 Power the Keypad

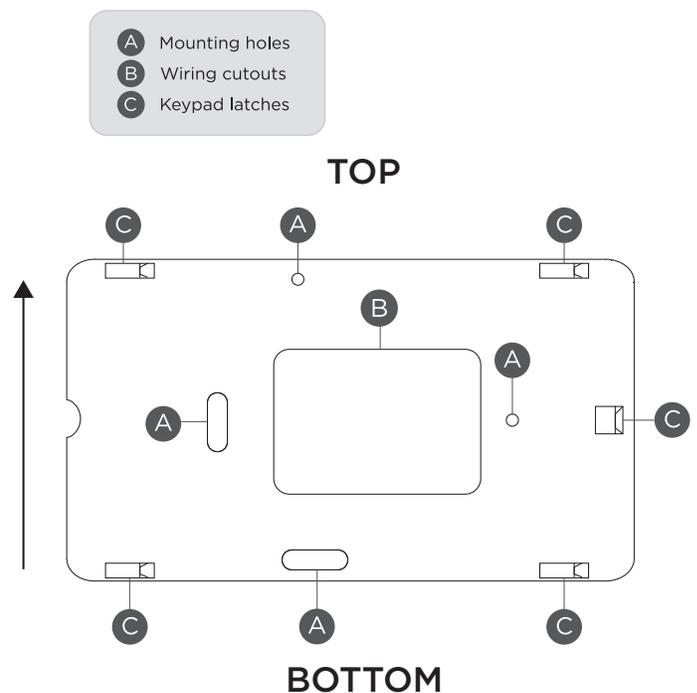
**⚡ Caution:** Disconnect all power before wiring. Failure to do so may result in equipment damage or injury. Observe polarity when making power connections.

1. Run wire from the power source to the keypad mounting location.
2. Plug the harness into the back of the keypad with the black wire at B and the red wire at R.
3. Route the keypad wires through the cutouts in the base. See Figure 2.
4. Connect the black wire to the power supply's negative terminal.
5. Connect the red wire to the power supply's positive terminal.
6. Plug the power supply into an unswitched outlet.
7. Refer to **Device Type** in the **Programming the Panel** section of this document for programming instructions.

## 2 Mount the Keypad

1. Use the keypad base to mark the holes for the screws on the mounting surface. The base should be placed at standing height and the hooks on the base should be facing up.
2. Set the base aside and drill the holes.
3. Use the included screws to secure the keypad base to the surface. Do not overtighten.
4. Attach the wire harness to the keypad.
5. Ensure the on-board camera is on the left. Slide the keypad onto the base and press the keypad into place.

**📋 Note:** Once you have mounted the keypad, remove the plastic film on the screen. Failure to do so affects the touch functionality of the keypad.



**Figure 2: Mounting Hole Locations**

## CONNECT TO NETWORK

The keypad needs to be connected to the network to communicate with the panel and to access all 8860 features, including remote updates, video system integration, personalized logos, and image capture when arming and disarming at the keypad. To use the most up to date keypad features available, connect the keypad to Wi-Fi network and update to the latest firmware version.

### Connect the Keypad to Wi-Fi

1. Select **Options** from the Carousel menu.
2. Select **Wi-Fi Settings**.
3. Select the Wi-Fi network you would like to connect to.
4. Enter the password and select **CMD**.

## UPDATE THE KEYPAD

You can also view [How to Update Your 7-Inch Keypad](#) for more information.

### Update the Keypad Locally

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Select **Options** from the Carousel menu, then select **Installer Options**.
3. Enter **3577** and enter **CMD**. Select **Check for Updates**. Follow the on-screen prompts to complete update.

### Update the Keypad from Dealer Admin

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Ensure the keypad is programmed as a Keypad device in Device Setup.
3. Navigate to Dealer Admin.
4. Select the Customer and then select the System.
5. On the left menu, select **System Remote Update**.
6. Click **Update** next to the keypad.



**Note:** If the keypad does not show on System Remote Update, ensure it is programmed in Device Setup as a Keypad, not a Door.

## NEXT STEPS

To program your keypad, refer to [Installer Options](#).

# NETWORK (HARDWIRED) CONNECTION INSTRUCTIONS

## UPDATE THE PANEL FIRMWARE

To use the most up to date keypad features available, update your panel to the latest firmware version. Refer to the table below for keypad features and their corresponding panel firmware versions. Follow the steps below to update your panel firmware remotely from Dealer Admin.

1. Navigate to Dealer Admin.
2. Select the customer and system.
3. In the menu, click **System Remote Update**.
4. If you want to view the update details before updating, click the PDF icon next to **View Release Notes**.
5. Click **Update System**. If you go to a different page, the system continues to update in the background.
6. After the system has updated, the **Panel Name**, **Firmware Version**, and **Date Code** updates at the top of the page.

Feature	XTL Series	XT30/XT50	XT75	XR Series
<ul style="list-style-type: none"> <li>Standard Functionality</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 221 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 221 or higher</li> </ul>
<ul style="list-style-type: none"> <li>V-6000 Camera Compatibility</li> <li>Voice Annunciation</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> </ul>
<ul style="list-style-type: none"> <li>Bluetooth Disarming</li> <li>Wi-Fi Communication</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> </ul>

# PROGRAM THE PANEL

Before continuing with programming and setup, program the keypad in the panel as a device. To access the Programmer menu, reset the panel by shorting the RESET header, press **Keypad** in the Carousel menu, enter **6653** (PROG), then press **CMD**. After completing each of the following steps, press **CMD** to advance to the next option. To exit the Programmer menu, select **CMD** to advance through the menu items until you reach **STOP** at the end of the menu. Select **STOP** to return to the main screen. Refer to the panel programming guide as needed.

## Network Options

NETWORK OPTIONS
LOCAL IP ADDRESS <b>192.168.0.250</b>

### Network Options

Advance to **Network Options**, then press a select area to enter the setup menu.

#### Local IP Address

Enter the local IP address for the panel. The local IP address must be unique and cannot be duplicated. The default address is **192.168.0.250**. This must match the **Panel IP Address** in keypad **Network Options**.

## XR and XT75

734N LISTEN PORT: <b>2002</b>
----------------------------------

#### 734N Listen Port

Enter the port number the panel will use to send communication to the keypad via Wi-Fi. The default port is **2002**. This must match the **Panel Port** in keypad **Network Options**. Enter the same port number used for the **734 Listen Port** when programming the keypad **Panel Port**. See [Network Options](#) in Program the Keypad for more information.

734N PASSPHRASE -
----------------------

#### 734N Passphrase

Enter an 8 to 16 character passphrase for the panel to use to send communication to the keypad via Wi-Fi. This must match the **734N Passphrase** in keypad **Network Options**.

## XT30/XT50 (Hardwired Network)

PROGRAMMING PORT <b>2001</b>
---------------------------------

#### Programming Port

Keep the Programming Port at its default setting. The default port for the panel is **2001**. The default port for the keypad is **2002**. These two ports do not need to be the same. Enter the same port number used for the **734 Listen Port** when programming the keypad **Panel Port**. See [Network Options](#) in Program the Keypad for more information.

## XTL and XT30/XT50 (Wi-Fi Only)

PROGRAMMING PORT <b>0</b>
------------------------------

#### Programming Port

For a single Wi-Fi connected keypad, keep the Programming Port at its default setting, **2001**. For up to three Wi-Fi connected keypads, set the Programming Port to **0**. Enter the same port number used for the **734 Listen Port** when programming the keypad **Panel Port**. See [Network Options](#) in Program the Keypad for more information.

Refer to the table below for more information.

Panel Models	Panel Communication Type	Available Network Keypads (Including Wi-Fi Keypads)
XR Series	Hardwired Network	15 network keypads
XR Series	Wi-Fi Only (763 Module)	0 network keypads
XT75	Hardwired Network	7 network keypads
XT75	Wi-Fi Only (763 Module)	0 network keypads
XT30/XT50 XTLplus-N	Hardwired Network	7 network keypads
XT30/XT50 XTL Series	Wi-Fi Only (763 Module or onboard Wi-Fi)	1 network keypad (if <b>Programming Port</b> is set to any value)
X30/XT50 XTL Series	Wi-Fi Only (763 Module or onboard Wi-Fi)	3 network keypads (if <b>Programming Port</b> is disabled by setting to <b>0</b> )

## Device Setup

### XR and XT75

DEVICE SETUP

DEVICE SETUP  
DEVICE NO: -

DEVICE SETUP  
\*UNUSED\*

DEVICE SETUP  
TYPE: **KEYPAD**

DEVICE SETUP  
COMM TYPE: **NET**

## Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

### Device Number

Set the keypad address.

Panel Models	Available Device Number Range (Network Connection including Wi-Fi)
XR550	2-16
XR150	2-8
XT75	2-8

Refer to **Network Options** in the **Program the Keypad** section for the available number of network keypads per panel model.

### Device Name

Enter a name for the device.

### Device Type

Select the **Keypad** device type.

### Communication Type

For use as a Network keypad, select **NET**.

### XT30/XT50 and XTL Series

DEVICE SETUP

DEVICE SETUP  
DEVICE NO: -

DEVICE SETUP  
\*UNUSED\*

DEVICE SETUP  
DOOR? **NO** YES

DEVICE SETUP  
NETWORK? **NO** **YES**

## Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

### Device Number

Set the keypad address.

Panel Models	Available Device Number Range (Network Connection including Wi-Fi)
XT30/XT50	2-8
XTLplus	2-8
XTLtouch	2-8

Refer to **Network Options** in the **Program the Keypad** section for the available number of network keypads per panel model.

### Device Name

Enter a name for the device.

### Door Device Type

Select **NO** at Door Device Type.

### Network

For use as a Network keypad, select **YES**.

# INSTALL THE KEYPAD

## 1 CONNECT ETHERNET

The keypad needs to be connected to the network to communicate with the panel and to access all 8860 features, including remote updates, video system integration, personalized logos, and image capture when arming and disarming at the keypad. To use the most up to date keypad features available, connect the keypad to hardwired network and update to the latest firmware version.

### Connect the Keypad to Hardwired Ethernet (Model 8860POE)

8860POE model keypads can be connected to network using the PoE adapter included with the keypad. To connect the 8860POE to network, complete the following steps:

1. Plug the PoE adapter provided with the keypad into the six prong connector on the back of the keypad.
2. Connect an ethernet cable to the network jack of the PoE adapter.

## 2 Power the Keypad

**⚡ Caution:** Disconnect all power before wiring. Failure to do so may result in equipment damage or injury. Observe polarity when making power connections.

If you are using PoE, continue to *Mount the Keypad*. If you are using standard ethernet, complete the following steps:

1. Run wire from the power source to the keypad mounting location.
2. Plug the harness into the back of the keypad with the black wire at B and the red wire at R.
3. Route the keypad wires through the cutouts in the base. See Figure 2.
4. Connect the black wire to the power supply's negative terminal.
5. Connect the red wire to the power supply's positive terminal.
6. Plug the power supply into an unswitched outlet.

## 3 Mount the Keypad

1. Use the keypad base to mark the holes for the screws on the mounting surface. The base should be placed at standing height and the hooks on the base should be facing up.
2. Set the base aside and drill the holes.
3. Use the included screws to secure the keypad base to the surface. Do not overtighten.
4. Attach the wire harness to the keypad.
5. Ensure the on-board camera is on the left. Slide the keypad onto the base and press the keypad into place.

**📄 Note:** Once you have mounted the keypad, remove the plastic film on the screen. Failure to do so affects the touch functionality of the keypad.

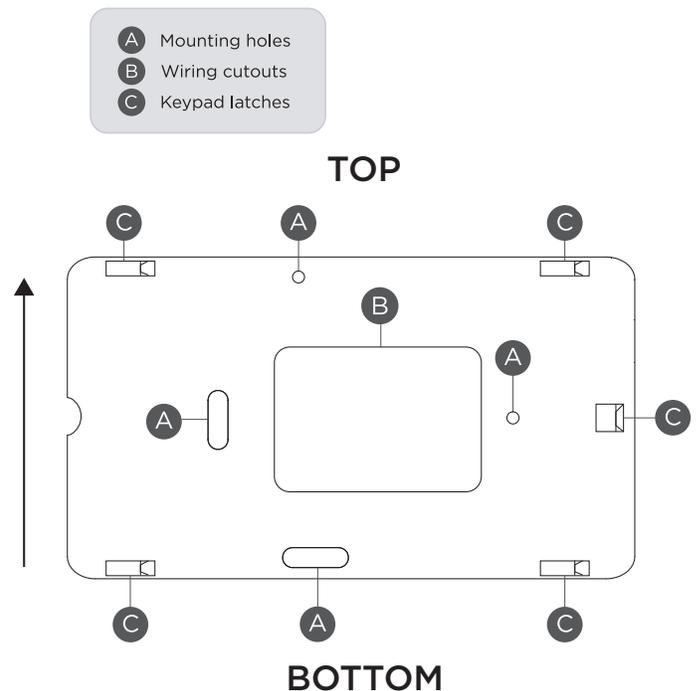


Figure 4: Mounting Hole Locations

# UPDATE THE KEYPAD

## Update the Keypad Locally

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Select **Options** from the Carousel menu, then select **Installer Options**.
3. Enter **3577** and enter **CMD**. Select **Check for Updates**. Follow the on-screen prompts to complete update.

## Update the Keypad from Dealer Admin

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Ensure the keypad is programmed as a Keypad device in Device Setup.
3. Navigate to Dealer Admin.
4. Select the Customer and then select the System.
5. On the left menu, select **System Remote Update**.
6. Click **Update** next to the keypad.



**Note:** If the keypad does not show on System Remote Update, ensure it is programmed in Device Setup as a Keypad, not a Door.

## NEXT STEPS

To program your keypad, refer to [Installer Options](#).

# KEYPAD BUS CONNECTION INSTRUCTIONS

## UPDATE THE PANEL FIRMWARE

To use the most up to date keypad features available, update your panel to the latest firmware version. Refer to the table below for keypad features and their corresponding panel firmware versions. Follow the steps below to update your panel firmware remotely from Dealer Admin.

1. Navigate to Dealer Admin.
2. Select the customer and system.
3. In the menu, click **System Remote Update**.
4. If you want to view the update details before updating, click the PDF icon next to **View Release Notes**.
5. Click **Update System**. If you go to a different page, the system continues to update in the background.
6. After the system has updated, the **Panel Name**, **Firmware Version**, and **Date Code** updates at the top of the page.

Feature	XTL Series	XT30/XT50	XT75	XR Series
<ul style="list-style-type: none"> <li>Standard Functionality</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 221 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 221 or higher</li> </ul>
<ul style="list-style-type: none"> <li>V-6000 Camera Compatibility</li> <li>Voice Annunciation</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> </ul>
<ul style="list-style-type: none"> <li>Bluetooth Disarming</li> <li>Wi-Fi Communication</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> <li>Level G Hardware or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 241 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Firmware Version 231 or higher</li> </ul>

# PROGRAM THE PANEL

Before continuing with programming and setup, program the keypad in the panel as a device. To access the Programmer menu, reset the panel by shorting the RESET header, press **Keypad** in the Carousel menu, enter **6653** (PROG), then press **CMD**. After completing each of the following steps, press **CMD** to advance to the next option. To exit the Programmer menu, select **CMD** to advance through the menu items until you reach **STOP** at the end of the menu. Select **STOP** to return to the main screen. Refer to the panel programming guide as needed.

## Device Setup

### XR and XT75

DEVICE SETUP

DEVICE SETUP  
DEVICE NO: -

### Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

### Device Number

Set the keypad address.

Panel Models	Available Device Numbers (Keypad Bus)
XR550	1-16
XR150	1-8
XT75	1-8

DEVICE SETUP  
\*UNUSED\*

### Device Name

Enter a name for the device.

DEVICE SETUP  
TYPE: **KEYPAD**

### Device Type

Select the **Keypad** device type.

DEVICE SETUP  
COMM TYPE: **KEYPAD**

### Communication Type

For use as a standard keypad, select **Keypad**.

### XT30/XT50 and XTL Series

DEVICE SETUP

### Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

DEVICE SETUP  
DEVICE NO: -

### Device Number

Set the keypad address.

Panel Models	Available Device Numbers (Keypad Bus)
XT30/XT50	1-8
XTLplus	0
XTLtouch	0

DEVICE SETUP  
\*UNUSED\*

### Device Name

Enter a name for the device.

DEVICE SETUP  
DOOR? **NO** YES

### Door Device Type

Select **NO** at Door Device Type.

DEVICE SETUP  
NETWORK? **NO** YES

### Network

For use as a standard keypad, select **NO**.

# INSTALL THE KEYPAD

## 1 Power the Keypad

**⚡ Caution:** Disconnect all power before wiring. Failure to do so may result in equipment damage or injury. Observe polarity when making power connections.

1. Run wire from the power source to the keypad mounting location. See *Keypad Bus Wiring Specifications* section on page 23 for maximum wire runs.
2. Connect to the PANEL header on the back of the 8860 keypad.
3. Route the keypad wires through the cutouts in the base. See Figure 5.
4. Connect the red wire to panel terminal 7.
5. Connect the yellow wire to panel terminal 8.
6. Connect the green wire to panel terminal 9.
7. Connect the black wire to panel terminal 10.

WIRE COLOR	PURPOSE
Red	Power from Panel or Auxiliary Power Source*
Yellow	Send Data from Panel*
Green	Receive Data from Panel*
Black	Ground from Panel*

\*Required connections

**📋 Note:** Excluding other Keypad Bus devices, XR panels can supply power for four 8860 keypads, XT30/XT50 panels can supply power for one 8860 keypad, and XT75 panels can supply power for five 8860 keypads. Additional keypads or devices require an external power supply.

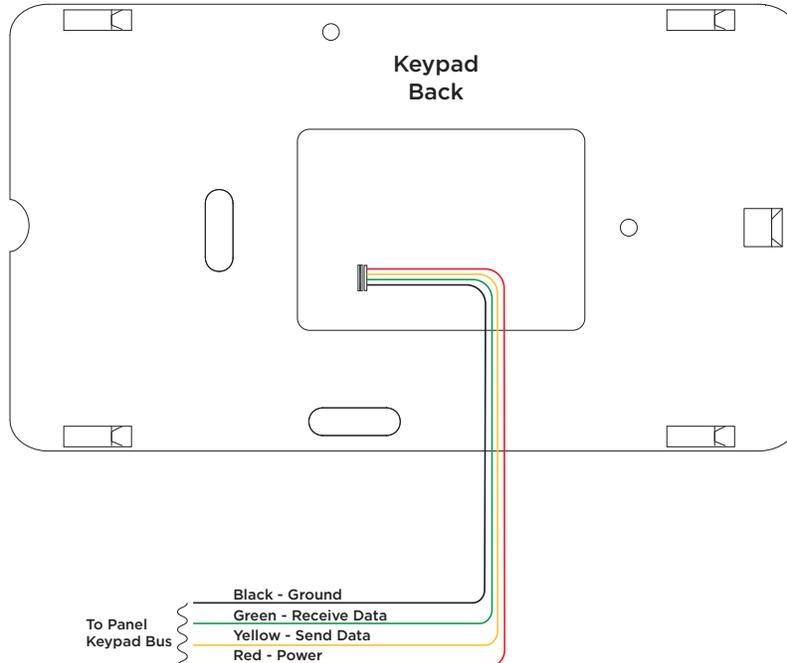


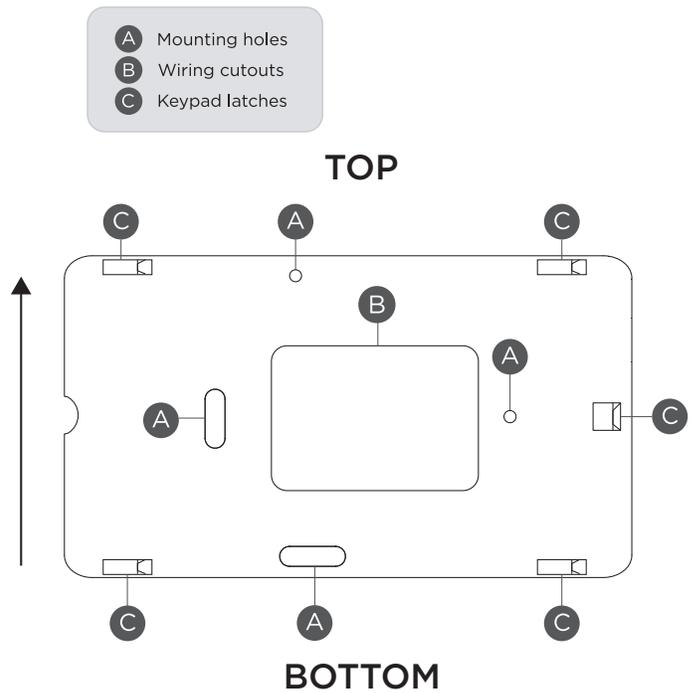
Figure 6: Keypad Wiring

## 2 Mount the Keypad

1. Use the keypad base to mark the holes for the screws on the mounting surface. The base should be placed at standing height and the hooks on the base should be facing up.
2. Set the base aside and drill the holes.
3. Use the included screws to secure the keypad base to the surface. Do not overtighten.
4. Attach the wire harness to the keypad.
5. Ensure the on-board camera is on the left. Slide the keypad onto the base and press the keypad into place.



**Note:** Once you have mounted the keypad, remove the plastic film on the screen. Failure to do so affects the touch functionality of the keypad.



**Figure 7: Mounting Hole Locations**

## CONNECT TO NETWORK

To use the full list of keypad features, connect the keypad to Wi-Fi or hardwired network and update your keypad to the latest firmware version. This step is performed regardless of if you have wired the keypad with a **Keypad Bus Connection** a **Network (Wi-Fi)**, or a **Network (Hardwired) Connection**.

### Connect the Keypad to Hardwired Ethernet (Model 8860POE)

8860POE model keypads can be connected to network using the PoE adapter included with the keypad. To connect the 8860POE to network, complete the following steps:

1. Plug the PoE adapter provided with the keypad into the six prong connector on the back of the keypad.
2. Connect an ethernet cable to the network jack of the PoE adapter.

### Connect the Keypad to Wi-Fi

If your keypad does not have hardwired ethernet, you can connect to network over Wi-Fi. To connect the 8860 to network, complete the following steps:

1. Select **Options** from the Carousel menu.
2. Select **Wi-Fi Settings**.
3. Select the Wi-Fi network you would like to connect to.
4. Enter the password and select **CMD**.

## UPDATE THE KEYPAD

### Update the Keypad Locally

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Select **Options** from the Carousel menu, then select **Installer Options**.
3. Enter **3577** and enter **CMD**. Select **Check for Updates**. Follow the on-screen prompts to complete update.

### Update the Keypad in Dealer Admin

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Ensure the keypad is programmed as a Keypad device in Device Setup.
3. Navigate to Dealer Admin.
4. Select the Customer and then select the System.
5. On the left menu, select **System Remote Update**.
6. Click **Update** next to the keypad.



**Note:** If the keypad does not show on System Remote Update, ensure it is programmed in Device Setup as a Keypad, not a Door.

# INSTALLER OPTIONS

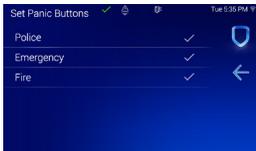
## PROGRAM THE KEYPAD

Installer Options is where keypad options, such as the keypad address, the default keypad message, and the network options, are programmed. To access the Keypad Installer Options menu, press **Options** in the Carousel menu. Select Installer Options, enter **3577** (INST), then press **CMD**.



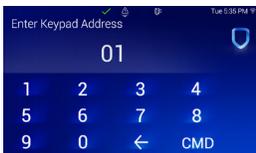
### Installer Options

To program keypad options, press **Installer Options** and enter **3577** (INST). Press **CMD**. Select an option to configure its settings. Press the back arrow to back out of the menu.



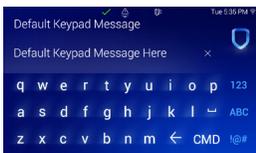
### Set Panic Buttons

Use this option to enable or disable the panic keys. Select the panic buttons you would like to have displayed on the keypad. Once the panic option is enabled, a check mark displays next to the selected options.



### Set Keypad Address

Set the current keypad address to be the same as the panel device number. The default address is set at **01**. To change the current address, press the back arrow to clear the keypad display, enter the new address, and press **CMD**. It's not necessary to enter a leading zero for addresses 1 to 9.



### Set Default Keypad Message

Enter a custom message of up to sixteen characters to appear at the top of the keypad display. Press any select area, enter a new message, and press **CMD**. If a message has been entered, it displays in the field until changed.



### Network Options (Wi-Fi Connection Only)

To connect the keypad to the panel via Wi-Fi network, press the **Enable Panel Communication** toggle. Follow the steps below to program the Wi-Fi communication based on your panel model.

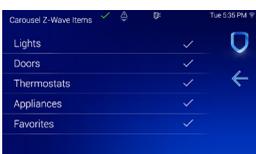
 **Note:** XT30/XT50 Version 241 or XR Series Version 231 is required to enable **Network Options**.

### XR Series and XT75 Network Options

Enter the **Panel IP Address**. Program the **Panel Port** to match the **734N Listen Port** that is programmed in **Network Options** on the panel. The default port is **2002**. Then, program the **734N Passphrase** to match the **734N Passphrase** that is programmed in **Network Options** on the panel. The default passphrase is **16 spaces**.

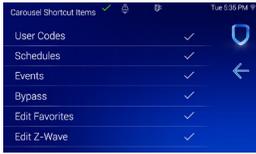
### XT30/XT50 and XTL Series Network Options

Enter the **Panel IP Address**. Then, leave the **Panel Port** and the **734N Passphrase** at their default settings. The default port is **2002** and the default passphrase is **16 spaces**.



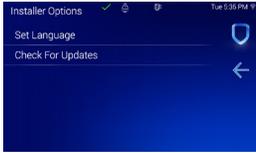
### Carousel Z-Wave Items

Carousel Z-Wave Items allows you to select the Z-Wave options to display in the Carousel menu. Press an item to select and a check mark displays. Press again to deselect that option. Items for the Carousel include Lights, Doors, Thermostats, Appliances, and Favorites. Press the back arrow to return to the previous screen. Default is no items selected.



## Carousel Shortcut Items

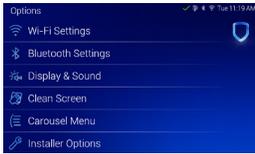
Carousel Shortcut Items allows you to select additional menu items to display in the Carousel menu. Press an item to select and a check mark displays. Press again to deselect that option. Items for the Carousel include User Codes, Schedules, Events, and Bypass. Default is no items selected. Select Edit Favorites to display the Edit Z-Wave icon on the Favorites screen. Select Edit Z-Wave to display the Edit Z-Wave icon for the Lights, Doors, Thermostats, and Appliances screens.



## Check for Updates

The keypad has local and remote update capabilities. The keypad needs to be connected to Wi-Fi to perform a local and remote update. The remote update capabilities can be used for per device updates through Dealer Admin.

# KEYPAD OPTIONS



## Keypad Options Menu

The keypad options menu allows the user to view and change their keypad settings. These options include Wi-Fi Settings, Display & Sound, Clean Screen, Carousel Menu, Installer Options, and Keypad Information.



## Wi-Fi Settings

The keypad needs to be connected to the network to access remote updates and video features. Select the network you want the keypad to connect to. Enter the Wi-Fi network password and press **CMD**.



## Display & Sound

### Brightness & Screen Saver

Use the **Brightness** slider bar to make the keypad display brighter or dimmer. Set the slider to the 3rd lowest option to turn on the **Camera Screen Saver**. To select a screen saver, navigate into the **Screen Saver** menu. There are three options for what displays after 30 seconds of inactivity.

- ▶ First option is **No Screen Saver**
- ▶ Second option is **Dim Screen & Show Status LED**
- ▶ Third and continuing options are to show any available camera stream.

 **Note:** A single camera can be used as a screen saver on up to four keypads.



The **Brightness** slider bar automatically adjusts to the option you select.



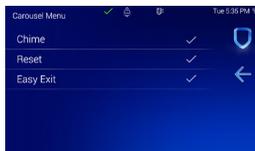
### Volume

Use the **Volume** slider bar to increase or decrease the volume of the keypad button press sound and the keypad chime sound.

### Annunciation

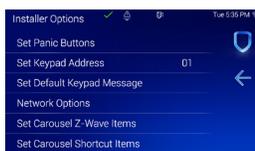
To enable Voice Annunciation, XT Series Version 231 and XR Series Version 231 is required. Use the **Voice Annunciation** toggle to have the keypad announce that a pre-defined zone name has been opened when the zone is tripped. Use the **Annunciation Volume** slider bar to increase or decrease the volume of the keypad annunciation.

If a zone name does not match one of the pre-defined zone names, the keypad announces the zone number and appropriate message. For a list of pre-defined zone names, refer to the **Pre-Defined Zone Names List**. Press the back arrow to go back to the keypad options menu.



## Carousel Menu

Press each option in this menu to display the option in the Carousel menu. A check mark displays next to the option if it is selected to display in the Carousel menu. The options include Chime, Reset, and Easy Exit (only available when panel is in Home/Sleep/Away arming mode).



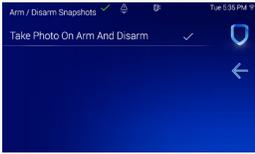
## Installer Options

Select this option to open the Installer Options menu. This menu allows you set keypad options.



## Keypad Information

Select this option to see the keypad model number and current firmware version. Press **Ok** to return to the previous menu.



## Set Arm/Disarm Snapshot

Select this option to enable or disable Snapshot Verification Events at the keypad during an Arming or Disarming event. Default is On.

# PROGRAM Z-WAVE DEVICES

The Z-Wave menu allows the user to operate their Z-Wave home automation devices at the keypad. Press Z-Wave categories such as Lights, Doors, Thermostats, Appliances, and Favorites in the Carousel menu to configure their settings.

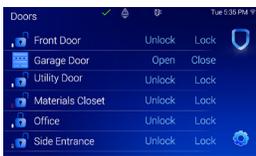
In the Carousel menu, press Favorites or select a Z-Wave device. Then, select the Settings icon in the bottom right corner to configure device settings.

 **Note:** Z-Wave Lights, Doors, Thermostats, Appliances, and Favorites needs to be enabled in the Carousel Z-Wave Items list to configure Z-Wave settings.



## Z-Wave Lights

Z-Wave lights can be turned on and off at the keypad. Use the multilevel slider on the right side of the light to set the light at 0, 25, 50, 75, or 100. 0 is Off and 100 is On. To reset the metered switch for a light, press **RESET** underneath the light you want to reset.



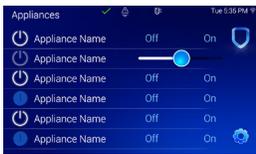
## Z-Wave Doors

Z-Wave doors can be locked or unlocked at the keypad. The keypad shows the lock battery level next to the door the lock is assigned to. The garage door icon animates as it is opening or closing. Press **Open** or **Close** to activate the garage door animation.



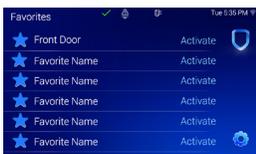
## Z-Wave Thermostat

Z-Wave thermostats can be controlled at the keypad. Use the slider handles or the setpoint increase and decrease buttons to change the temperature. When there are multiple Z-Wave thermostats on a system, swipe the screen to the left to access additional thermostats.



## Z-Wave Appliances

Z-Wave appliances can be turned on or off at the keypad. Use the multilevel slider on the right side of the light to set the light at 0, 25, 50, 75, or 100. 0 is **Off** and 100 is **On**.



## Z-Wave Favorites

Z-Wave favorites can be assigned at the keypad. Press **Activate** next to the name of the favorite that you want to activate. The name of the favorite changes to **Activated** after the process is complete.

# NETWORK ENABLED FEATURES

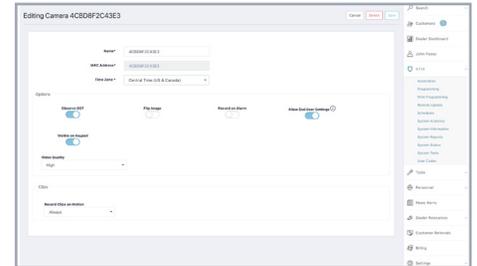
This section explains how to use the different features available on the 8860 Series keypad when it is connected to network. Video clips are saved in Virtual Keypad and not stored locally on the keypad.

## Live View

This function allows you to see all system cameras added in Dealer Admin, including cameras associated to an XV Gateway™.

 **Note:** In Dealer Admin, the **Visible on Keypad** option needs to be toggled **On** for each camera to be added to the Camera List.

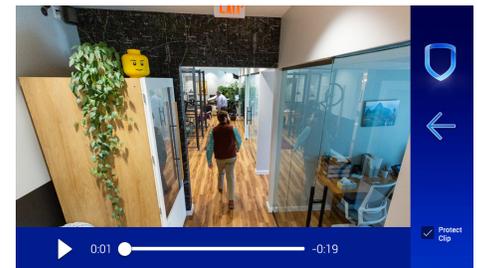
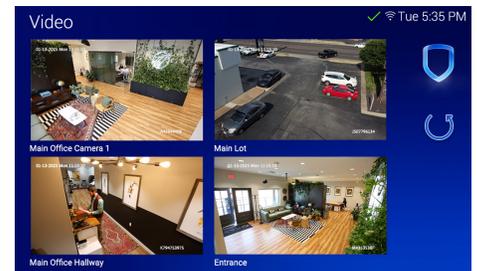
1. In the Carousel menu, select **Video**.
2. Select a camera to display on the keypad.
3. Swipe the screen left to go to the next camera. Swipe the screen right to go to the previous camera. Pinch to zoom.



## Recorded View

This function allows you to access recorded video events.

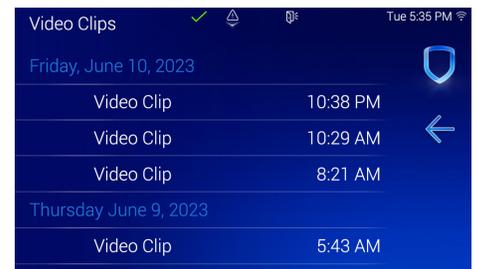
1. In the Carousel menu, select **Video**.
2. Select a camera to display on the keypad.
3. Press the Video Clips button in the bottom right corner of the keypad screen.
4. Toggle the play/pause button to play or pause the clip.
5. Swipe the screen left to go to the next clip. Swipe the screen right to go to the previous clip. Pinch to zoom.
6. Press **Protect Clip** in the bottom right corner of the keypad screen to prevent the clip from being erased.



## Recorded Clips

This function allows you to access recorded video events through the events list on the keypad.

1. In the Carousel menu, select **Events**.
2. Select a row to select an event.
3. Swipe the screen left to go to the next event. Swipe the screen right to go to the previous event. Pinch to zoom.



## Snapshot Verification Events

This function allows you to see a snapshot from the keypad front facing camera during an arming or disarming event. You can view snapshot events in **Events** on the keypad or through **Event History** on Virtual Keypad.

1. In the Carousel menu, select **Events**.
2. Select a row to select an event.
3. Swipe the screen left to go to the next event. Swipe the screen right to go to the previous event. Select the Info icon to display the **Event Information Banner**.
4. Select the Filter icon to display the **Filter Events** menu. Use the **Filter By** section on the left side of the screen to change how the events are categorized. The categories include Type, Camera, Dates, and Areas. Select **Apply** to activate the filter in the Events List. A checkmark appears next to applied filters.
5. After a filter is activated in the Events List, a horizontally scrollable banner displays the applied filters.
  - ▶ To remove all filters, select **Clear** at the bottom of the screen.
  - ▶ To remove an individual filter, navigate back to the Filter Events menu and select the filter you want to remove. The checkmark disappears when a filter is deselected.



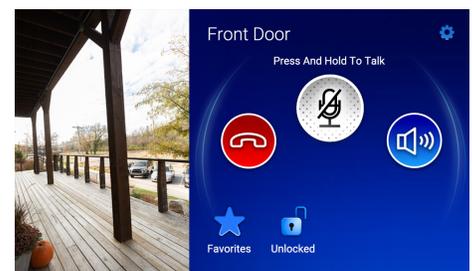
## View Video Doorbells

**Note:** Video doorbell capabilities are only available for the DMP Model V-4061DB Video Doorbell or DMP VUE Video Doorbell. To use a VUE Video Doorbell on the 8860, update your firmware to Version 186.1.0.1401 or greater.

The 8860 supports up to 8 DMP doorbells per system. This function allows you to access your video doorbell from the keypad. For instructions on how to install a V-4061DB Video Doorbell, refer to the V-4061DB Video Doorbell Installation Guide (LT-2524). For instructions on how to install a VUE Video Doorbell, refer to the VUE Video Doorbell Installation Guide (LT-3067).

### For one doorbell

1. In the Carousel menu, select **Video Doorbell**.
2. The doorbell screen appears. The following buttons display automatically:
  - Press and hold the **Talk** button to talk through the keypad.
  - Select the **Speaker** button to mute and unmute the incoming audio.
  - Select the **End** button to return to the Home Screen.
3. By selecting the gear icon in the corner, you can enable the following:
  - Enable the **Favorites** button to view Z-Wave Favorites on the doorbell screen.
  - Enable the **Unlocked/Locked** button to set the status of the door on the doorbell screen.



### For multiple doorbells

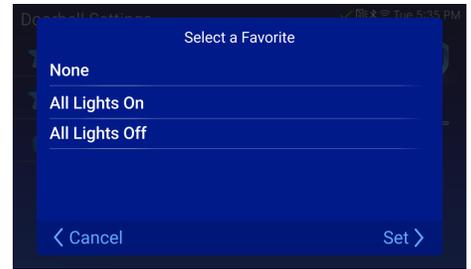
1. In the Carousel menu, select **Video Doorbell**.
2. A list of doorbells is displayed. Select a doorbell to interact with it.
3. The doorbell screen appears. The following buttons display automatically:
  - Press and hold the **Talk** button to talk through the keypad.
  - Select the **Speaker** button to mute and unmute the incoming audio.
  - Select the **End** button to return to the Home Screen.
4. By selecting the gear icon in the corner, you can enable the following:
  - Enable the **Favorites** button to view Z-Wave Favorites on the doorbell screen.
  - Enable the **Unlocked/Locked** button to set the status of the door on the doorbell screen.
5. While on the doorbell screen, swipe to view the next or previous doorbell from the list.



## Enable Z-Wave Favorites on the Doorbell Screen

To enable Z-Wave Favorites, complete the following:

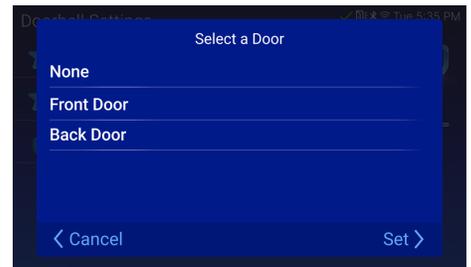
1. Select the gear icon. **Doorbell Settings** displays.
2. Select **Select Favorite**. The **Select a Favorite** pop-up appears, displaying a list of Z-Wave favorites.
3. Select the Z-Wave favorites you want to access from the **Favorites** button on the doorbell screen.
4. Select **Set**. Repeat for the second **Select Favorite**, if desired.
5. Select the back arrow to return to the doorbell screen.



## Enable Door Lock on the Doorbell Screen

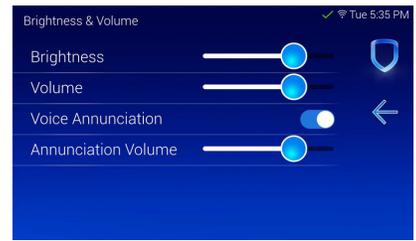
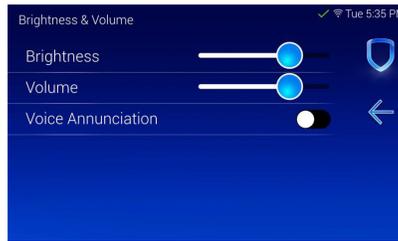
To enable Z-Wave Favorites, complete the following:

1. Select the gear icon. **Doorbell Settings** displays.
2. Select **Select Door** to enable the door lock. The **Select a Door** pop-up appears, displaying a list of doors.
3. Select the door you want to lock and unlock from the **Door Lock** button on the doorbell screen.
4. Select **Set**.
5. Select the back arrow to return to the doorbell screen.



## Enable Voice Annunciation

To enable the keypad to announce that the pre-defined zone name has been opened when the zone is tripped, use the toggle and adjust the annunciation volume with the slider in the **Brightness and Volume** settings menu.



## Pre-Defined Zone Name List

If a zone name does not match one of the pre-defined names, the keypad announces the zone number and appropriate message. Ensure all zone names are spelled correctly and have proper spacing in between words. 24-Hour and Day zone types do not support this feature.

### DOOR

BACK DOOR  
 BACK ENTRY DOOR  
 BASEMENT DOOR  
 BREAKROOM DOOR  
 BREEZEWAY DOOR  
 DEN DOOR  
 EAST DOOR  
 EMPLOYEE DOOR  
 ENTRY DOOR  
 ENTRY DOORS  
 FRONT ENTRY DOOR  
 FRONT DOOR  
 FRONT DOORS  
 FRONT LEFT DOOR  
 FRONT RIGHT DOOR  
 GARAGE DOOR  
 GARAGE MAN DOOR  
 GARAGE SIDE DOOR  
 KITCHEN DOOR  
 KITCHEN SLIDER  
 LAUNDRY DOOR  
 LIVING ROOM DOOR  
 LOBBY DOOR  
 MASTER BED DOOR  
 MAIN ENTRY DOOR  
 MASTER DOOR  
 NORTH DOOR  
 OFFICE DOOR  
 OVERHEAD DOOR  
 PATIO DOOR  
 REAR ENTRY DOOR  
 REAR DOOR  
 SAFE DOOR

### DOOR CONTINUED

SHED DOOR  
 SHIPPING DOOR  
 SHOP DOOR  
 SIDE DOOR  
 SIDE ENTRY DOOR  
 SLIDING DOOR  
 SOUTH DOOR  
 STORAGE DOOR  
 STOCKROOM DOOR  
 STOCK ROOM DOOR  
 SUNROOM DOOR  
 VAULT DOOR  
 WAREHOUSE DOOR  
 WEST DOOR

### WINDOW

BASEMENT WINDOW  
 BATHROOM WINDOW  
 BREAKROOM WINDOW  
 BREEZEWAY WINDOW  
 DINING WINDOW  
 DINING WINDOWS  
 FRONT WINDOWS  
 GARAGE WINDOW  
 GARAGE WINDOWS  
 KITCHEN WINDOW  
 KITCHEN WINDOWS  
 LAUNDRY WINDOW  
 MASTER WINDOWS  
 OFFICE WINDOW  
 OFFICE WINDOWS  
 SHOP WINDOW

### MOTION

BACK MOTION  
 BACK DOOR MOTION  
 BACK HALL MOTION  
 BASEMENT MOTION  
 BREAK ROOM MOTION  
 BREEZEWAY MOTION  
 DEN MOTION  
 DINING MOTION  
 EAST MOTION  
 ENTRY MOTION  
 FAMILY MOTION  
 FOYER MOTION  
 FRONT MOTION  
 FRONT 360 MOTION  
 GARAGE MOTION  
 HALL MOTION  
 HALLWAY MOTION  
 KITCHEN MOTION  
 LIVING MOTION  
 LOBBY MOTION  
 MASTER MOTION  
 MOTION  
 MOTION DETECTOR  
 NORTH MOTION  
 OFFICE MOTION  
 PANEL MOTION  
 REAR MOTION  
 REAR HALL MOTION  
 RECEPTION MOTION  
 SAFE MOTION  
 SHED MOTION  
 SHOP MOTION

### MOTION CONTINUED

SOUTH MOTION  
 STORAGE MOTION  
 TELLER MOTION  
 UPSTAIRS MOTION  
 VAULT MOTION  
 WAREHOUSE MOTION  
 WEST MOTION  
 2ND FLOOR MOTION

### MISCELLANEOUS

CASH SAFE  
 DRIVEWAY BEAM  
 FRONT ENTRY  
 FRONT GLASSBREAK  
 GARAGE ENTRY  
 GLASS BREAK  
 KITCHEN  
 LOW TEMPERATURE  
 MAIN ENTRY  
 MASTER BEDROOM  
 NIGHT DROP  
 OFFICE GLASS  
 ROOF HATCH  
 SAFE  
 SPARE  
 UTILITY ROOM  
 VAULT  
 VAULT SOUND  
 WALL BUTTON  
 WATER DETECTOR

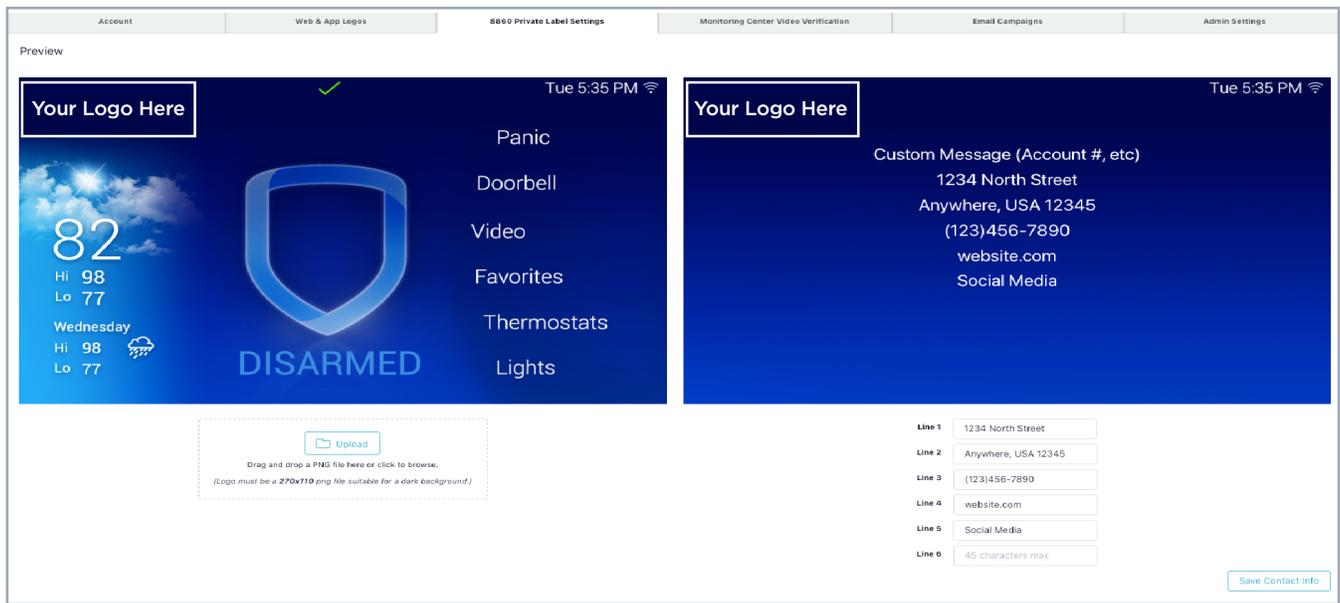
# UPLOAD A LOGO AND DEALER INFORMATION

To upload a logo to your 8860, complete the following steps in Dealer Admin.

 **Note:** For best results, logos should be a 270 x 110 pixel PNG file with a transparent background.

1. In the menu, go to **Settings > Dealer**.
2. Select the **8860 Private Label Settings** tab.
3. Select the **Upload** button.
4. A file upload dialog opens. Select the logo that you want to upload and select **Open**.
5. Type in the dealer information you want to display on the keypad.
6. Select **Save Contact Info**.

 **Note:** If the logo is not downloading to the keypad, confirm that the panel date and time are correct, then press the DMP logo on the 8860 keypad. This triggers the keypad to reach out to Dealer Admin for the new logo.



Account Web & App Logos **8860 Private Label Settings** Monitoring Center Video Verification Email Campaigns Admin Settings

Preview

Your Logo Here ✓ Tue 5:35 PM

82  
Hi 98  
Lo 77  
Wednesday  
Hi 98  
Lo 77

DISARMED

Panic  
Doorbell  
Video  
Favorites  
Thermostats  
Lights

Your Logo Here Tue 5:35 PM

Custom Message (Account #, etc)  
1234 North Street  
Anywhere, USA 12345  
(123)456-7890  
website.com  
Social Media

Drag and drop a PNG file here or click to browse.  
(Logo must be a 270x110 png file suitable for a dark background.)

Line 1 1234 North Street  
Line 2 Anywhere, USA 12345  
Line 3 (123)456-7890  
Line 4 website.com  
Line 5 Social Media  
Line 6 45 characters max

# TRAIN YOUR CUSTOMERS

This section contains instructions on how users can access the user menu, arm and disarm their system, configure Bluetooth disarming, change the system Wi-Fi password, and clean the keypad. All of the examples displayed assume that **CLOSING CODE** is **YES** in panel programming.

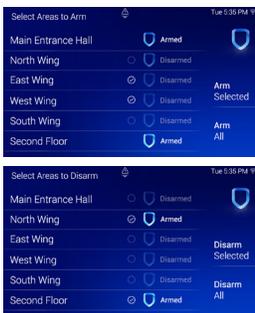
For more information about using your system, refer to the appropriate system user guide.

## Access the User Menu

1. In the Carousel menu, select **Keypad**.
2. Select **CMD** to advance to **MENU? NO YES**. Select **YES**.
3. Enter your user code, then select **CMD**.
4. Select **CMD** to advance through the menu items. To enter a menu, select any select area.

## Arm and Disarm the System

### Area System Type



1. Press and release the shield to open the arming options screen. Select your preferred option.
2. If arming, the keypad displays **ENTER CODE**. Enter your user code. Select the area name and then select **Arm Selected** at the right of the screen. To arm all areas, select **Arm All** at the right of the screen.
3. If disarming, the keypad displays **ENTER CODE**. Enter your user code. Select the area name and then select **Disarm Selected** at the right of the screen. To disarm all areas, select **Disarm All** at the right of the screen.

### All/Perimeter System Type



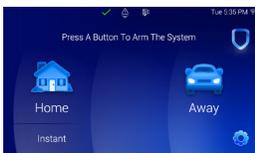
1. Select the home screen shield in the center of the keypad.
2. If arming, select **ALL** to arm all areas or **PERIM** to arm only the perimeter. If **ENTER CODE** displays, enter a user code at the keypad.
3. If disarming, enter a user code at **ENTER CODE**.

### Home/Sleep/Away System Type



1. Select the home screen shield in the center of the keypad.
2. If arming, **HOME SLEEP AWAY** displays. Select **HOME** to arm the perimeter, select **SLEEP** to arm everything except the bedroom areas, or select **AWAY** to arm all areas.
3. If **ENTER CODE** displays, enter a user code at the keypad.

### Home/Away System Type



1. Select the home screen shield in the center of the keypad.
2. If arming, **HOME AWAY** displays. Select **HOME** to arm the perimeter or select **AWAY** to arm all areas.
3. If **ENTER CODE** displays, enter a user code at the keypad.

# Bluetooth Disarming

A device can be paired to the keypad to automatically disarm the system via Bluetooth. When the user returns and trips an exit zone, the entry delay initiates and the keypad begins scanning for Bluetooth devices. If the keypad discovers a previously paired device and connects to it during the entry delay, the system disarms.

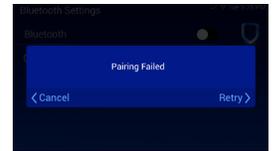
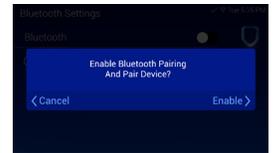
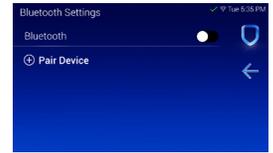
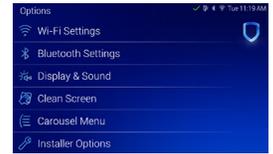
**Note:** The system needs to be armed in **ALL**, **AREA**, or **AWAY**. For a user to disarm an area system, they should have standard or master level authority, or be assigned a profile that allows them to disarm areas that have also been enabled to display in **Display Areas** at the same keypad they are disarming from.

1. In **Options**, press **Bluetooth Settings**.
2. Enter your **User Code**. Only Master level user codes can access the Bluetooth Settings menu.
3. Press the Bluetooth toggle to enable the keypad's Bluetooth capability.
4. Ready your device for pairing. It must be actively searching for other devices to pair properly.
5. Press **+ Pair Device**.
6. Select a user from the list and select the device you would like to attach the user to.
7. Press **Pair** in the bottom right corner.
8. The keypad pop-up displays **Pairing**. This lasts for up to 20 seconds.
  - ▶ If devices were paired, the keypad displays **Pairing Success**. When the **Enable Bluetooth Pairing and Pair Device** pop-up displays, press **Enable**. This brings you back to the Bluetooth Settings menu. The name of the device is listed under **Paired Devices**.
  - ▶ If devices were not paired, the keypad displays **Pairing Failed**. Press **Retry** to pair the devices again. Press **Cancel** to go back to the Bluetooth Settings menu.
9. To unpair a device, press the Information icon next to the device name. The keypad displays **Forget Device?**. Press **Forget** to unpair the device from the keypad. Press **Cancel** to go back to the Bluetooth Settings menu.

**Note:** Up to 6 devices can be paired to the keypad. User codes 1 through 100 with Master level permissions can be selected as one of the 6 available devices. This feature is a per keypad operation. To use Bluetooth disarming at multiple keypads on a system, individually pair the device at each keypad you want to automatically disarm.

## Ineligible Phones

When arming and exiting the premises, to prevent accidental disarming by forgotten phones, the keypad completes a scan five minutes after the arming sequence to detect valid bluetooth devices. Any valid phones found are flagged and made ineligible to disarm.



## Clean the Keypad



**Note:** Failure to follow cleaning recommendations may result in equipment damage.

The Clean Screen option locks the screen for 40 seconds so you can clean it without accidentally pressing buttons. Use gentle pressure to clean the display, screen, keys, and housing. Use only alcohol sprays or wipes that contain 70% isopropyl alcohol to clean keypad surfaces. Avoid spraying cleaner directly onto the keypad, oversaturating cleaning cloths, or allowing cleaner to make contact with internal electronic components, cables, or power sources.

1. In the Carousel menu, select **Options**.
2. Select  Clean Screen.
3. Use an alcohol wipe or spray a small amount of rubbing alcohol onto a clean, dry microfiber cloth to gently wipe down all keypad touch surfaces, removing any excess cleaner.
4. Wait 10 seconds, then completely dry all keypad surfaces.
5. If necessary, use a clean, dry microfiber cloth to gently remove streaking.



After the countdown timer expires, the keypad returns to normal operation. To exit the countdown early, press and hold the  Shield icon for 2 seconds.

# REFERENCE

## Keypad Bus Wiring Specifications

- ▶ DMP recommends using 18 or 22-gauge unshielded wire for all Keypad Bus circuits. Do not use twisted pair or shielded wire for Keypad Bus data circuits. All 22-gauge wire should be connected to a power-limited circuit and jacket wrapped.
- ▶ When powering an 8860 from the keypad bus, to maintain auxiliary power integrity when using 22-gauge wire do not exceed 100 ft. When using 18-gauge wire do not exceed 500 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 VDC nominal) with battery backup.



**Note:** Each panel allows a specific number of supervised keypads.

- ▶ 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 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.

## Compatibility

- ▶ XR Series Control Panels with Version 221 or higher
- ▶ XT75 Control Panels
- ▶ XT30/XT50 Control Panels with Version 221 or higher and Level G Hardware or higher
- ▶ XTL Series Control Panels with Version 241 or higher
- ▶ V-4000, V-5000, and V-6000 Series Cameras

## Ordering Information

8860-B	8860 7-Inch Touchscreen Keypad (Black)
8860-W	8860 7-Inch Touchscreen Keypad (White)
8860POE	8860 7-Inch Touchscreen Keypad with Power over Ethernet (POE)
300-8860-4	Replacement 4-Wire Harness (Keypad Bus Connection)
300-8860-PWR-B	Replacement Power Harness (Wi-Fi Connection, Black)
300-8860-PWR-W	Replacement Power Harness (Wi-Fi Connection, White)
8860-B-STAND-PWR	
8860-B/DESK	
8860-STAND-B	
8860-STAND-B/10	
8860-STAND-W	
8860-STAND-W/10	
8860-W-STAND-PWR	
8860-W/DESK	

# SPECIFICATIONS

Operating Voltage	12 VDC
Current Draw	300 mA at 12 VDC
Current Load in Alarm	350 mA at 12 VDC
Dimensions	7.67" W x 4.57" H x 0.55" D
Display Size	7" (1024 x 600)

# CERTIFICATIONS

- ▶ FCC Part 15 Registration ID: 2AUCA8860
- ▶ NDAA Compliant

# 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.



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

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2500 North Partnership Boulevard  
Springfield, Missouri 65803-8877

800.641.4282 | DMP.com