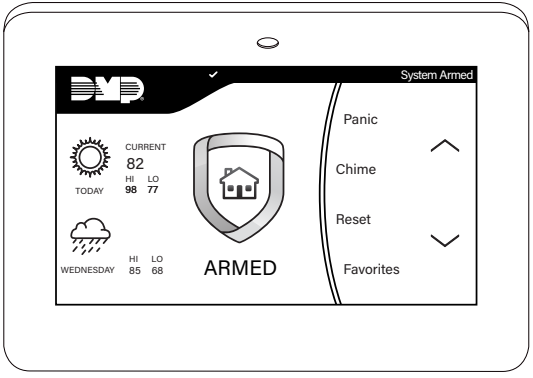
9800INT Series
Graphic Touchscreen Keypad

INSTALLATION AND PROGRAMMING GUIDE



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ABOUT THE KEYPAD

9862INT Series Wireless Graphic Touchscreen Keypads offer flexible features and functionality. Each keypad provides:

- AC Power/Armed LED
- Full color touchscreen display
- Built-in proximity card reader
- Internal speaker
- Wireless communication
- Internal rechargeable 3.7 V lithium battery
- microSD card slot for customized logo
- Icon-driven operation
- Wall tamper protection
- Optional backboxes for conduit or wall-mount applications

KEYPAD FEATURES

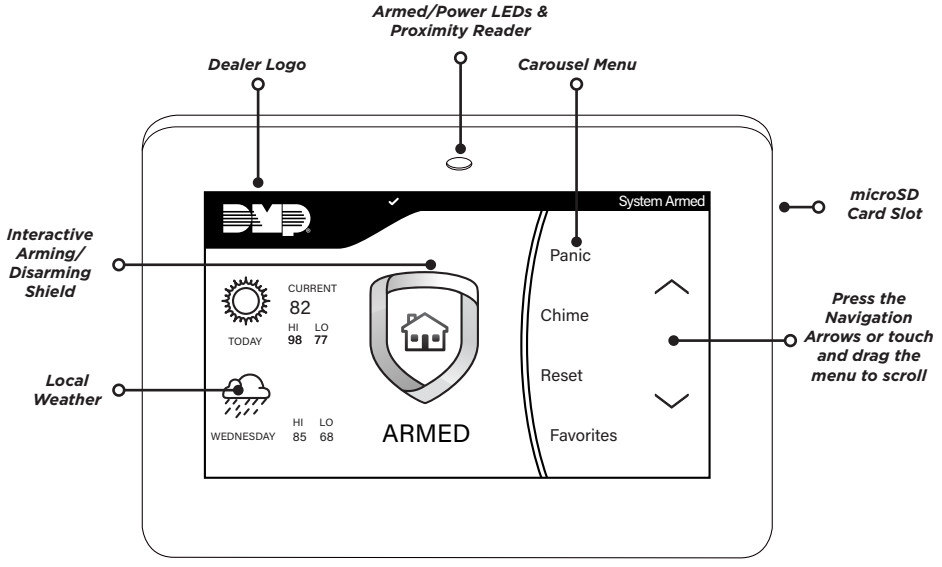


Figure 1: Keypad Features

Programmable Carousel Menu

The carousel menu allows the user to pick and choose what displays within the carousel menu on the home screen. Press **Options** in the carousel menu. From here, adjust the keypad screen brightness, keypad tone, and keypad volume. Press a box under **Display In Menu** to select that option to display in the carousel menu. Press that box again to deselect that option. See Figure 2.

A **Brightness** setting of 1 allows the keypad display to turn off automatically after a brief period of inactivity. The Arm/Disarm LED remains lit. A **Brightness** setting of 0 allows both the keypad display and LED to turn off automatically after a period of inactivity. To wake the display, tap any part of the touchscreen surface.

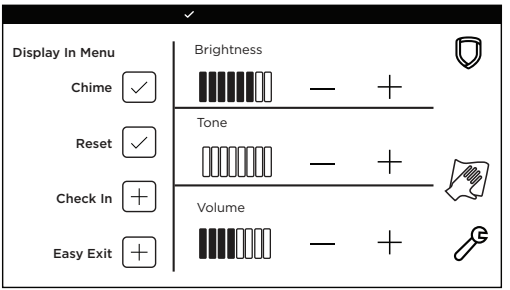


Figure 2: Keypad Options

NUMBER PAD FEATURES

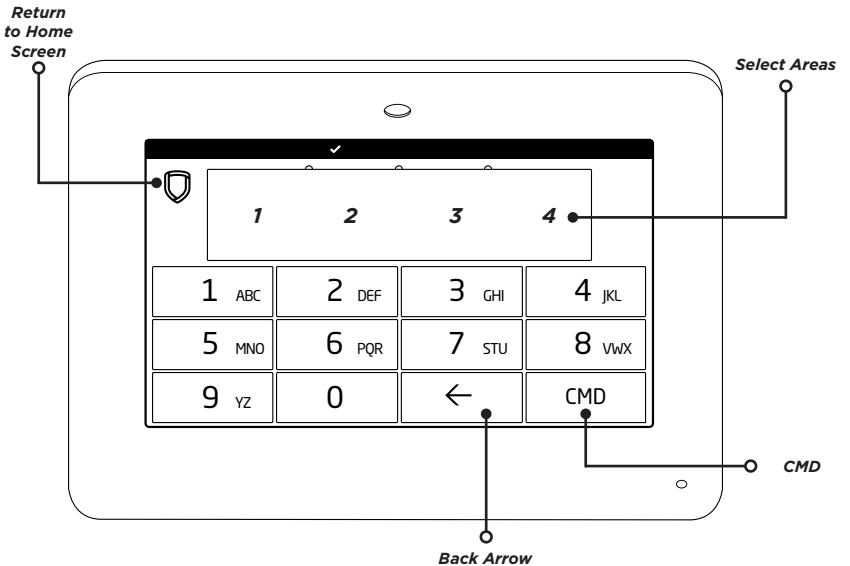


Figure 3: Number Pad

Number Pad

1. Choose a character from the table. Use the *Greek Characters* table if Greek was selected as the keypad language setting. Refer to Select Language. See Table 1.
2. Identify the **Number** the character correlates with and press that number on the number pad.
3. Identify the **Select Area** for the character and press that select area on the keypad. Press that select area again for the lowercase letter (Latin only). See Table 2. Refer to Figure 3.
4. When the desired character displays on the keypad, return to Step 1 to enter another character or press **CMD** if finished.

NUMBER	SELECT AREA			
	1	2	3	4
1	A	B	Γ	([{
2	Δ	E	Z	)] }
3	H	Θ	I	! ^ ~
4	K	Λ	M	? “ |
5	N	Ξ	O	/ \ `
6	Π	P	Σ	& $
7	T	Y	Φ	@ %
8	X	Ψ	Ω	, =
9	Space	Space	Space :	_ ;
0	- +	. ‘	* <	# >

Table 1: Greek Characters

NUMBER	SELECT AREA			
	1	2	3	4
1	A	B	C	([{
2	D	E	F	)] }
3	G	H	I	! ^ ~
4	J	K	L	? “ |
5	M	N	O	/ \ `
6	P	Q	R	& $
7	S	T	U	@ %
8	V	W	X	, =
9	Y	Z	Space :	_ ;
0	- +	. ‘	* <	# >

Table 2: Latin Characters

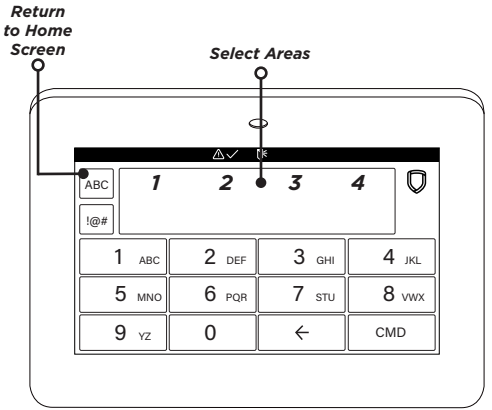


Figure 4: Number Pad

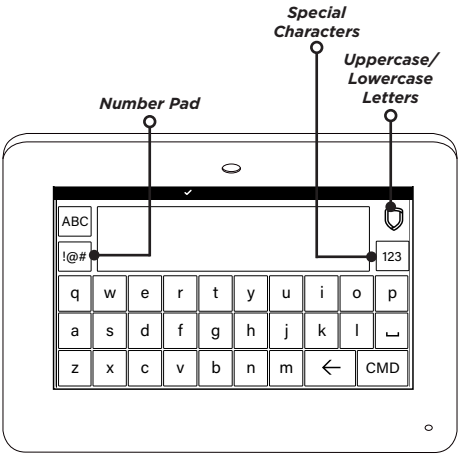


Figure 5: Standard Keyboard

SELECT A LOCATION

9862INT Series Wireless Graphic Touchscreen Keypads provide a built–in survey capability to allow one person to confirm keypad communication with the wireless receiver or panel. This allows you to determine the best location for the keypad.

1. Press **Options** in the carousel menu.
2. Press the installer options icon at the bottom-left corner of the screen.
3. Enter **3577** (INST) and press **CMD**.
4. Press the select key under **KPD RF** to start the survey communication. The keypad displays its wireless serial number and **RF SURVEY**. Determine if communication is confirmed or faulty.

Confirmed: When successful communication has been established, the AC Power/Armed LED turns blue.

Faulty: If communication has not been established, the keypad AC Power/Armed LED turns red. Relocate the device or wireless receiver until the survey LED confirms clear communication.

INSTALL THE KEYPAD

1 *Remove the Cover*

The keypad housing is made up of two parts: the cover, which contains the circuit board and components, and the base.

1. Insert a flat screwdriver into one of the slots on the bottom of the keypad and lift the screwdriver upward. Repeat with the other slot.
2. Separate the cover from the base and set the cover containing the keypad components aside. See Figure 6.

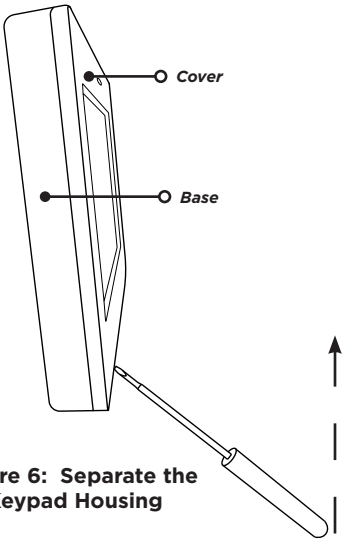


Figure 6: Separate the Keypad Housing

2 *Power the Keypad*

Connect the DC power supply positive and negative wires to the PCB terminal block. See Figure 7.

In addition to powering the keypad, the power supply also charges the internal back-up battery.

Warning: Observe Polarity. Connect the black (-) wire to the negative terminal on the power supply. Connect the ribbed black (+) wire to the positive terminal on the power supply.

Plug the power supply into a 240 VAC, 50 Hz dedicated outlet not controlled by a switch.

Note: Do not remove the PCB from the keypad housing to install the power supply connector.

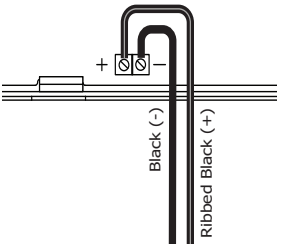


Figure 7: Connecting the Power Supply

When the power supply wires are connected to the keypad and the power supply is plugged in, the internal battery is automatically connected. The keypad can operate from battery only as long as the power supply is connected to the keypad.

Standby Battery

The keypad rechargeable battery provides 12 hours of backup battery power when primary AC power is not available. It is shipped already installed inside the keypad. The battery is intended for backup power only and not to operate the keypad on a daily basis. If the battery is low, or not plugged into the internal battery connector, a low battery condition is indicated by the panel. When the battery falls below 3.60 V, a red battery icon displays on the main screen and **KEYPAD - LOBAT** will display in the Status List. To restore the keypad from a low battery state, the voltage must be above 3.62 V.

Use the following steps to replace the battery. DMP recommends replacing the battery every 3 years under normal use.

Note: If removing the keypad from service, disconnect the power supply connector from the back of the keypad to avoid discharging the battery.

Replace the battery

1. Disconnect the battery lead connector from the keypad battery header.
2. Peel off the old battery from the keypad PCB.
3. Observe polarity and connect the battery lead connector to the keypad battery header. See Figure 8.
4. Place the new battery (DMP Model 9800BAT) on the keypad PCB with the included double-sided tape. Properly dispose of the used battery.

Warning: Risk of fire, explosion, and burns. Do not disassemble, heat above 100°C, or incinerate.

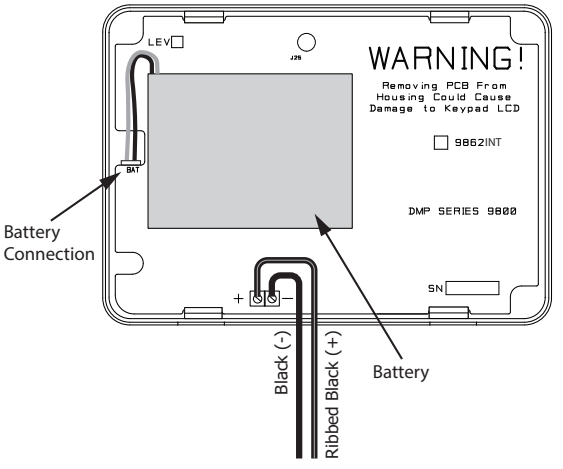


Figure 8: Battery Connection

3 *Mount the Keypad*

Secure the keypad base to the wall ensuring that the wall tamper switch makes proper contact with the wall. Use the supplied screws in the mounting hole locations. See Figure 9 for mounting hole locations.

Note: For Security Grade 2, Environmental Class II installations, use the shaded holes in Figure 9 for installation.

Install the Tamper

The keypad base includes a tamper feature.

1. Insert the included tamper puck into the base.
2. Secure the tab to the wall with a #6 screw.

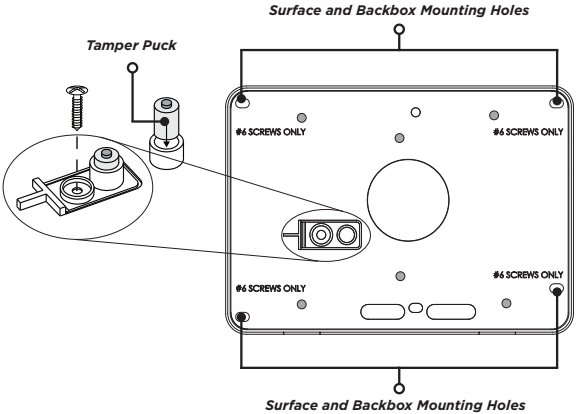


Figure 9: Tamper Protection

4 *Connect the Keypad*

Connect the keypad to the panel by using one of the following options: Wireless Keypad Association, Auto Pairing, or manually at the keypad in Device Setup. A maximum of seven keypads can be paired with each panel.

Wireless Keypad Association

XTLplusINT/XTLtouchINT

1. Press **Options** in the carousel menu.
2. Press the installer options icon at the bottom-right corner of the screen.
3. Enter **3577** (INST) and press **CMD**.
4. Press **KPD RF** to start the RF survey communication. The keypad displays its wireless serial number and **RF SURVEY**. When successful communication has been established, the AC Power/Armed LED turns blue. If communication has not been established, the LED turns red.

XT30INT/XT50INT or XR150INT/XR550INT Series Panels

Reset the panel three times. The yellow LED at the top of the panel will begin flashing between each press. Wait for sixty seconds. When communication is confirmed, the LED will turn green and will stay on steady.

Auto Pair

Auto pairing automatically connects your keypad to the panel. After powering the XTLplusINT or XTLtouchINT and the keypad, the keypad displays **Pairing Keypad With System...** and a ten minute pairing timer begins.

✓ **Confirmed**: The keypad home screen displays, signaling that pairing is complete.

✗ **Faulty**: The keypad displays Pairing Failed, followed by the Reset screen. Reset your panel and press Pair to restart the pairing process. The panel will auto pair with wireless keypads until it pairs with four keypads or until ten minutes have passed.

Device Setup

1. Program the keypad as a device in **DEVICE SETUP**.
2. Enter the eight-digit **SERIAL#** and continue to program the device as directed in the appropriate panel programming guide.

PROGRAM THE PANEL

If using an XT Series International Panel, enter **665** (PRO) then press **CMD** at the keypad to access the **PROGRAMMER** menu. If using an XR Series International Panel, enter **6653** (PROG) then press **CMD**.

After completing each of the following steps, press **CMD** to advance to the next option. Refer to the panel programming guide as needed.

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 at 1-16 for XR550 Series panels or 1-8 for other compatible panels.

DEVICE SETUP
UNUSED

Device Name

Press any select area, then enter a name for the wireless keypad.

DEVICE SETUP
TYPE: **KEYPAD**

Device Type

For use as a standard keypad, select **KPD**. For use as an access control keypad, press any select area, then select **DOOR**.

DEVICE SETUP
COMM TYPE: **WLS**

Communication Type

Press any select area, then select **WLS** (Wireless) as the communication type.

DEVICE SETUP
SERIAL#:-

Serial Number

Enter the eight-digit wireless serial number. Range is 14500000-14999999.

DEVICE SETUP
SUPRVSN TIME: **240**

Supervision Time

Press any select area and choose a supervision time. Options are **0**, **60**, or **240** minutes.

Configure additional options as needed. To configure custom card options for the keypad, do not program **CARD OPTIONS** in Device Setup.

PROGRAM THE KEYPAD

Refer to the appropriate panel programming guide as needed. Keep in mind that operation for some programming options is restricted to the appropriate model. To access the Keypad Options menu, press **Options** in the carousel menu. Press the **Installer Options** or wrench icon and enter **3577** (INST) and press **CMD**.

KEYPAD OPTIONS

To program keypad options, press the select area under **KPD OPT**. When finished programming, press STOP to save all programming.

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**. See Enter Characters.

Arm Panic Keys

Use this option to enable or disable the panic keys. Press the icon name: **PN** (panic), **EM** (emergency), and **FI** (fire). Once the panic option is enabled, an asterisk displays next to the selected option(s).

ALL?:	NO YES
DELAY:	**2**

Arming/Disarming Wait Time

Select the number of seconds (1-9) the keypad should wait to arm and disarm when an area system displays **ALL? NO YES** or a H/S/A system waits during arming only. If **NO** or **YES**, or **HOME**, **SLEEP**, or **AWAY** is not manually selected before the delay expires, the keypad automatically selects **YES** or **AWAY**. Select zero (**0**) to disable this feature. The delay also occurs when a credential is presented for arming the H/S/A system. Default is **2**.

For non-Area systems with keypads that have firmware version 205 or higher, presenting a credential to the keypad automatically initiates the arming sequence after the arming wait time expires. All/Perimeter systems arm **All**. Home/Sleep/Away and Home/Away systems arm **Away**.

ENABLE TAMPER?
NO YES

Enable Tamper

If the keypad is mounted on a wall, select **YES** to enable the wall tamper. Default is **NO**.

CARD FORMATS
FORMAT NO: -

Card Formats

Select **DMP** to allow credentials that use a 26-45 bit data string. The menu advances to **REQUIRE SITE**.

Select **CUSTOM** to disable DMP format and program slots 1-8 as needed. The menu advances to **FORMAT NO**.

Select **ANY** to allow all Wiegand card reads to activate the door strike relay. The door strike relay is activated for the length of time programmed in **ZN 3 REX TIME**. No user code information is sent to the panel. The menu advances to **NO COMM WITH PNL**.

The default card format is **DMP.**

CARD FORMATS
FORMAT NO: -

Card Format Number
Select the slot number (1-8) that you want to program for a custom non-DMP card format. The format that is programmed into slot 1 is the default format. In the event that a card with an unrecognized format is used, that card will be read in the format that is programmed in slot 1. To restrict card reads to specific formats, only program slots 2-8.

See Public Card Formats for some publicly available card formats that can be used with the keypad. Other private or custom formats may also be compatible. Please contact the credential supplier or manufacturer for the bit structure.

Note: If you select slot 1 and you are upgrading from XR panel version 182 or earlier, **FORMAT NAME** will automatically be named **SINGLE CARD FORMAT** and **WIEGAND CODE LENGTH** will default to 45

FORMAT NAME
UNUSED

Format Name
Press any select area to rename the card format. Press **CMD** to save and advance.

WIEGAND CODE LENGTH: **26**

Wiegand Code Length

When using a custom credential, enter the total number of bits to be received in Wiegand code including parity bits.

Press any select area to enter a number between 1-255 to equal the number of bits. Default is **26** bits.

An access card contains data bits for a site code, user code, and start/stop/parity bits. The starting position, location, and code length must be determined and programmed into the keypad. See Figure 10.

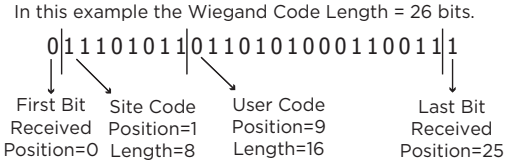


Figure 10: Data Stream Bit Location Example

SITE CODE
POS: **1** LEN: **8**

Site Code Position and Length
Enter the site code position and length in the data string. Press select area 2 to clear the site code start position. Enter a number between 0-255. Press **CMD** to save. Default is **1**.

Press select area 4 to clear the site code length and enter a number between 1-24. Press **CMD** to save. Default is **8**.

USER CODE
POS: **9** LEN: **16**

User Code Position and Length
Define the user code start bit position and length. Press select area 2 to clear the user code position and enter a number between 0-255. Press **CMD** to save. Default is **9**.

Press select area 4 to clear the user code length and enter a number between 16-64. Press **CMD** to save. Default is the DMP value of **16**.

REQUIRE SITE
CODE: **NO** YES

Require Site Code

Press the select area under **YES** to use a site code and press **CMD** to view the site code entry display. Press **NO** to advance to **NO OF USER CODE DIGITS**. Default is **NO**.

In addition to user code verification, door access is only granted when any one site code programmed at the **SITE CODE ENTRY** matches the site code received in the Wiegand string.

SITE CODE 1:

Site Code Display

Program up to 8 eight-digit site codes. Range is 0-16,777,214. In the keypad display, enter site code 1 and press **CMD**. The display will ask for site code 2 followed by site code 3 and so on. When you have selected the site code you want to change, press **CMD**.

NO OF USER CODE DIGITS: **5**

Number of User Code Digits

The keypad recognizes user codes from 4-10 digits long. Press any top row select key or area to enter a user code digit length. This number must match the user code number length being programmed in the panel. The device will recommend a number of user code digits based on the user code length. Default is **5**.

All bits are read and converted into a decimal number string. The number string is left padded with 0 (zero) if needed for long user code lengths.

Example:

# decoded	1234567
10 digits	0001234567
4 digits	4567

NO COMM WITH PNL **OFF**

No Communication with Panel

Define the relay action when communication with the panel has not occurred for 5 seconds: **OFF**, **SITE**, **ANY**, **ON**, or **LAST**. Default is **OFF**. Press any select key or area to change the default relay action:

OFF SITE ANY ON	Press the first select key or area to choose **OFF** (Relay Always Off). The relay does not turn on when any Wiegand string is received. **OFF** does not affect any REX operation. If communication is lost during a door strike, the relay remains on for the door strike duration but turns off at the end of the door strike timer.
OFF SITE ANY ON	Press the second select key or area to choose **SITE** (Accept Site Code). Door access is granted when the site code string received matches any programmed site code. Refer to Require Site Code for more information.
OFF SITE ANY ON	Press the third select key or area to choose **ANY** (Any Wiegand Read). Access is granted when any Wiegand string is received.
OFF SITE ANY ON	Press the fourth select key or area to choose **ON** (Relay Always On). The relay is always on.
LAST	Press **CMD** to display additional actions. Press the first select key or area to choose **LAST** (Keep Last State). The relay remains in the same state and does not change when communication is lost.

SYSTEM OPTIONS
AREA A/P H A/A HSA

System Type

Program the keypad as the same system type selected in panel programming.

DEALER LOGO
ADD DELETE

Dealer Logo

Use this option to add a custom dealer logo to the main screen of the keypad. Prior to selecting **ADD**, insert a microSD card containing the logo file in to the slot on the right side of the keypad. Refer to Figure 11. Select **ADD** to upload the file to the keypad.

ADDING LOGO
SURE? NO YES

Adding Logo Sure? The keypad will display **ADDING LOGO SURE?**. Select **YES** to proceed. While the logo is being uploaded, the keypad displays **ADDING LOGO**. **ADDING LOGO COMPLETED** displays to confirm a successful upload.

DEALER INFO
ADD DELETE

Dealer Info

Select **ADD** at the **DEALER INFO** prompt to include information about the dealer when the logo is pressed. The keypad displays **ADDING INFO SURE?** to confirm the selection. Press **YES** to proceed.

ADDING INFO
SURE? NO YES

Adding Info Sure? While the info is being uploaded to the keypad, the keypad displays **ADDING INFO**. **ADDING INFO COMPLETED** displays to confirm a successful upload. Press and release the microSD card to eject.

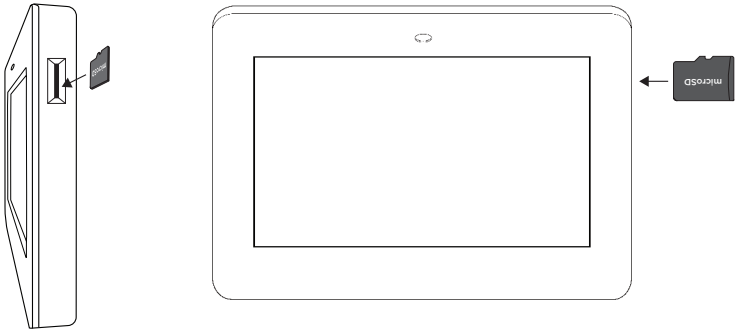


Figure 11: Inserting a microSD Card

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**, and **Favorites**. Press **CMD** at the bottom of the screen to advance to the next options screen and the **back arrow** return to the previous screen. Default is no items selected. See Figure 12.

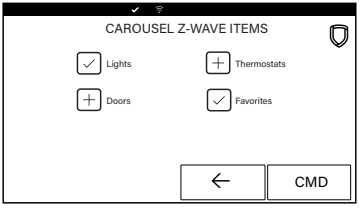


Figure 12: Carousel Z-Wave Items

Shortcut Items

Shortcut Items allows you to select additional menu items to display in the carousel menu. Press the item to select and a checkmark displays. Press again to deselect that option. Items for the carousel include User Codes, Schedules, and Events. Default is no items selected. Select **Edit Z-Wave** to display the Edit Z-Wave icon for the Lights, Doors and Thermostats screens. Select **Edit Favorites** to display the Edit Z-Wave icon on the Favorites screen. See Figure 13.

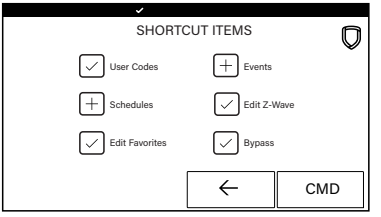


Figure 13: Shortcut Items

Select Language

Select Language allows you to select the language for text on the home screen, the carousel menu screens, and some programming screens. Press the item to select a language and a checkmark displays. Press again to deselect that option. Only one language can be selected at a time. Default is English.

Note: The keypad does not translate information from the panel that displays on the keypad screen. See Figure 14.

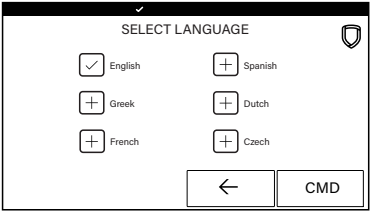


Figure 14: Select Language

ADDITIONAL PROGRAMMING

Update the Keypad

Technicians can initiate a firmware update from a microSD card using **RESTART KEYPAD**. This process takes 5 minutes to complete.

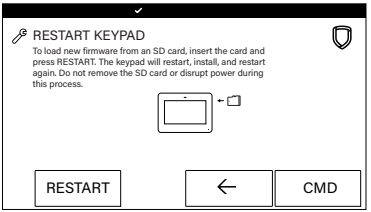


Figure 15: Restart Keypad

Update Keypad Firmware Using Restart

1. Navigate to DMP.com/Dealer_Direct and select **Software Downloads** from the menu.
2. Select a software update.
3. Select **Download**. Enter your name, company, and email address.
4. After the .zip download is complete, unzip the files and save them all to the root directory of a FAT32 format microSD card.
5. Insert the microSD card into the microSD card slot on the right side of the keypad.
6. Press **Options** in the carousel menu and press the **Installer Options** or wrench icon.
7. Enter **3577** (INST) at the keypad and select **KPD OPT**.
8. Press **CMD** until **RESTART KEYPAD** displays.
9. Press **RESTART**. Do not remove the microSD card or disrupt power.
10. When the keypad is finished restarting and returns to the home screen, remove the microSD card.

TEST THE KEYPAD

Test the keypad to ensure keypad lighting, individual shortcut keys, and any programmed zones work properly. Access the Keypad Diagnostics menu by pressing **Options** in the carousel menu. Press the **Installer Options** or wrench icon and enter **3577** (INST) and press **CMD**.

KEYPAD DIAGNOSTICS

Press the select area for **KPD DIAG**. The keypad lights all display segments and illuminates red. The display then changes to green. The keypad alternates between these two states for up to two minutes. Press **CMD** at any time to begin testing individual keys.

Test the Credential Reader

This option tests the internal and external reader input from proximity credentials. The display shows **OKAY** each time a good proximity read is received.

Exit the Installer Options Menu

Press **CMD** until the display returns to the Installer Options screen. Select **STOP** to exit the Installer Options menu.

END USER TRAINING

This section contains instructions on how users can arm and disarm their system, use access control, and entry delay. 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 guides from DMP.com/guides:

Access the User Menu

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

Arm and Disarm the System

Area System Type

1. Tap the home screen shield in the center of the keypad. Tap your preferred option.
2. If arming, the keypad displays **ALL? NO YES**. Select **NO** to arm individual areas. Select **YES** to arm all areas.
3. If disarming, the keypad displays **ENTER CODE: -**. Enter your user code or present a credential to the reader.

All/Perimeter System Type

1. Tap 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 or present a credential to the proximity reader.
3. If disarming, enter a user code at **ENTER CODE:** or present a credential to the proximity reader.

Home/Sleep/Away System Type

1. Tap 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. If a selection is not made, all areas will automatically arm **AWAY**.
3. If **ENTER CODE:** displays, enter a user code at the keypad or present a credential to the proximity reader.

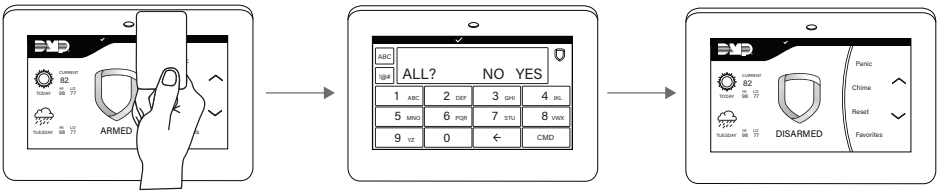
Touchless Arming

Present a credential to the built-in reader to automatically arm the system without touching the keypad. After the arming delay expires, All/Perimeter systems arm **All**. Home/Sleep/Away and Home/Away systems arm **Away**.

Use Access Control

Area System Arming and Disarming

Present your credential to the reader. To arm or disarm individual areas, select **NO** at **ALL? NO YES**. To arm or disarm all of the areas assigned to you, select **YES**. The system arms or disarms areas according to the option you selected.



When the keypad displays **ARMED**, present your card to the reader.

Select **NO** to disarm individual areas.

Select **YES** to disarm all areas assigned to you.

The system disarms areas according to the option you selected.

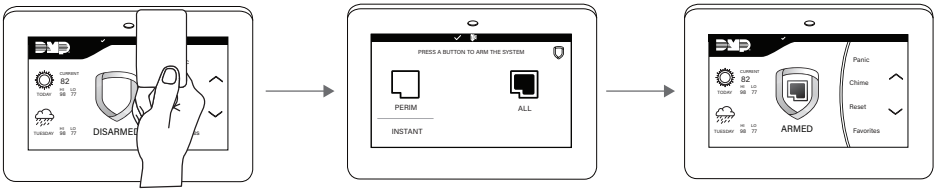
Figure 16: Disarming Areas with a Credential

All/Perimeter System Arming and Disarming

- **Arming:** Present your card to the reader. **PERIM ALL** displays. Tap the preferred option. The system arms according to the option you selected.
- **Disarming:** Present your card to the reader. The system disarms.

Home/Sleep/Away and Home/Away System Arming and Disarming

- **Arming:** Present your card to the reader. **HOME SLEEP AWAY** or **HOME AWAY** displays. Tap the preferred option. The system arms according to the option you selected.
- **Disarming:** Present your card to the reader. The system disarms.



When the keypad displays **DISARMED**, present your card to the reader.

Select the desired arming option.

The system arms according to the option you selected.

Figure 17: Arming All with a Credential

Use Entry Delay When Disarming

After the entry delay starts, the keypad sounds an entry tone and displays **ENTER CODE**. Present your credential to the reader. Once validated, the system disarms all areas accessible by the credential. Refer to Figure 18.

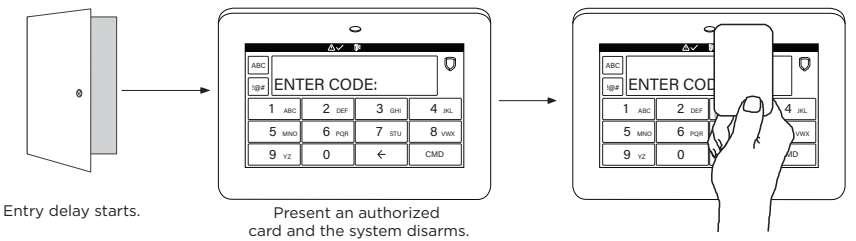


Figure 18: Entry Delay

Icon Reference

Arming Shield Icons

Armed

Home Sleep Away Perimeter All System

Alarm

Burglary Fire

Quick Arm

Ready To Exit

Exit Timer

Enter Code Arm Instant

Popups

Attention List Alert

Menu

Home Installer Navigation Edit Clean Screen

Arming Options

Home Sleep Away Perimeter All System

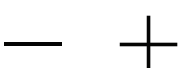
Panic Options

Police Emergency Fire

Z-Wave

Z-Wave Thermostats

Controls



Status Bar Header

Change System Wi-Fi Password

When you change your network's Wi-Fi password, the system detects that the password has changed and asks you to update it. To close the **Incorrect WiFi Password** dialog and return to the main menu, tap the Shield icon. To reopen the dialog from the main menu, tap the Wireless icon.

To change your password and re-establish communication, complete the following steps. Refer to Figure 19 and Figure 20.

1. Tap **ENTER PASSWORD**.
2. Use the onscreen keyboard to enter your password:
    - Press **ABC** to enter uppercase letters
    - Press **abc** to enter lowercase letters
    - Press **!@#** to enter special characters
    - Press **123** to enter numbers
3. Tap **CMD**.

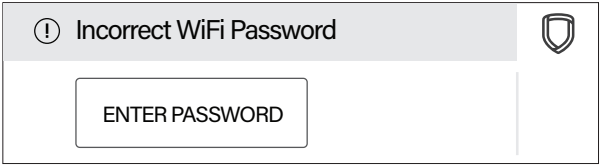


Figure 19: Incorrect Wi-Fi Password Dialog

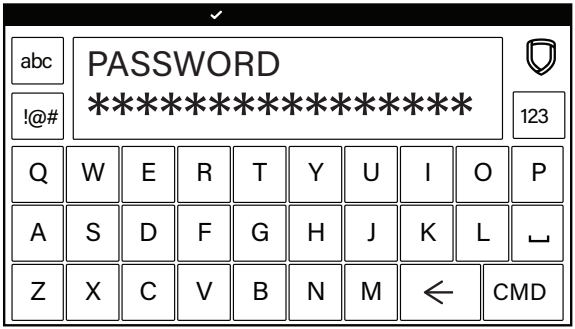


Figure 20: Enter Wi-Fi Password Screen

Clean the Keypad

The Clean Keypad 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, tap **Options**.
2. Tap Clean Keypad 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.

Replace the Keypad Battery

1. Disconnect the battery lead connector from the keypad battery header.
2. Remove the standby battery from the PCB.
3. Observe polarity and connect the battery lead connector to the keypad battery header.
4. Place the new battery on the keypad PCB using double-sided sticky tape. See Figure 21.

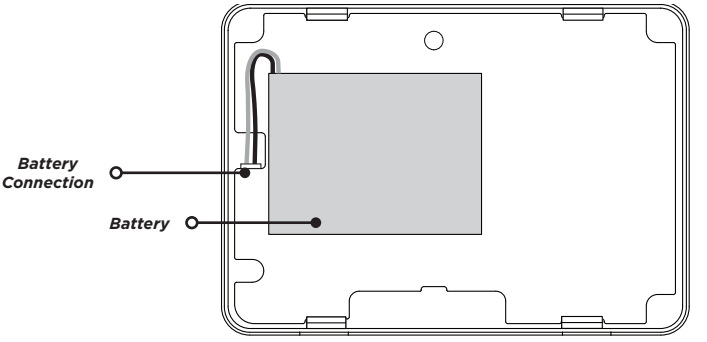


Figure 21: Replace the Battery

PUBLIC CARD FORMATS

CARD FORMAT	WIEGAND CODE LENGTH	SITE CODE POSITION	SITE CODE LENGTH	USER CODE POSITION	USER CODE LENGTH	USER CODE DIGITS
H10301 26 BIT	26	1	8	9	16	5
H10302 37 BIT W/O FAC	37	0	1	1	35	11
H10304 37 BIT W/FAC	37	1	16	17	19	6
FARPOINTE 39 BIT	39	1	17	18	20	7
CORPORATE 1000 35 BIT	35	2	12	14	20	6
CORPORATE 1000 48 BIT	48	2	22	24	23	7

CREDENTIALS

125 kHz PROXIMITY CREDENTIALS	
PSC-1	Standard Light Proximity Card
PSK-3	Proximity Key Ring Tag
PSM-2P	ISO Imageable Proximity Card
1306	Prox Patch™
1326	Proxcard II® Card
1346	ProxKey III® Access Device
1351	ProxPass®
1386	IsoProx II® Card

ORDERING INFORMATION

Keypads

9862-W	Graphic Touchscreen Keypad (white, prox reader)

Accessories

Wiring Harnesses and Transformers

300-9800-4	Replacement 4-Wire Keypad Harness
300-9800-PWR	Replacement Power Harness (Hardware Level 101 and higher)

Backboxes, Mounting Plates, and Stands

9800-STAND-B/10	Replacement Deskstand for 9800 Keypads (black, 10 pack)
9800-STAND-W/10	Replacement Deskstand for 9800 Keypads (white, 10 pack)

Batteries

9800BAT2400/8	Replacement Battery for 9800 Keypads (3.8 V, 2400 mAh, 8 pack)

COMPLIANCE SPECIFICATIONS

Specifications

Operating Voltage	12 VDC
Operation	868 MHz
Standby Current	120 mA at 12 VDC
Alarm Current	206 mA at 12 VDC (Peak)
Dimensions	17.78 cm W x 13.335 cm H x 1.27cm D
Weight	0.43 kg
Security Grade	2 Type B ACE
Environment Class	II
Operating Temperature	0 °C to 49 °C
Relative Humidity	80%

Compatibility

XTLplusINT/XTLtouchINT Series panels

XT30INT/XT50INT Series panels

XR150INT/XR550INT Series panels

INTERNATIONAL CERTIFICATIONS

Security Grade:	2
Environmental Class:	II

Intertek (ETL)

EN 50131-1	Alarm Systems. Intrusion and Hold-up Systems. System Requirements
EN 50131-5	Interconnections Equipment Using Radio Frequency Techniques
EN 50136-1	Alarm Transmission Systems and Equipment
EN 50136-2	Alarm Systems - Alarm Transmission Systems and Equipment Part 2:Requirements for Supervised Premises Transceiver (SPT)
EN 50130-5	Environmental Standards
EN 50130-4	EMC Product Family Standard: Immunity Requirements for Components of Fire, Intruder, and Social Alarm Systems
EN 61000-3-2	Limits - Limits for Harmonic Current Emissions (Equip. Input Current up to and Including 16 A per Phase) Includes A1 and A2 July 1, 2009
EN 61000-3-3	Limitation of Voltage Fluctuations and Flicker in Low-Voltage Supply Systems for Equipment with Rated Current Less Than or Equal To 16 A per Phase and Not Subject to Conditional Connection

