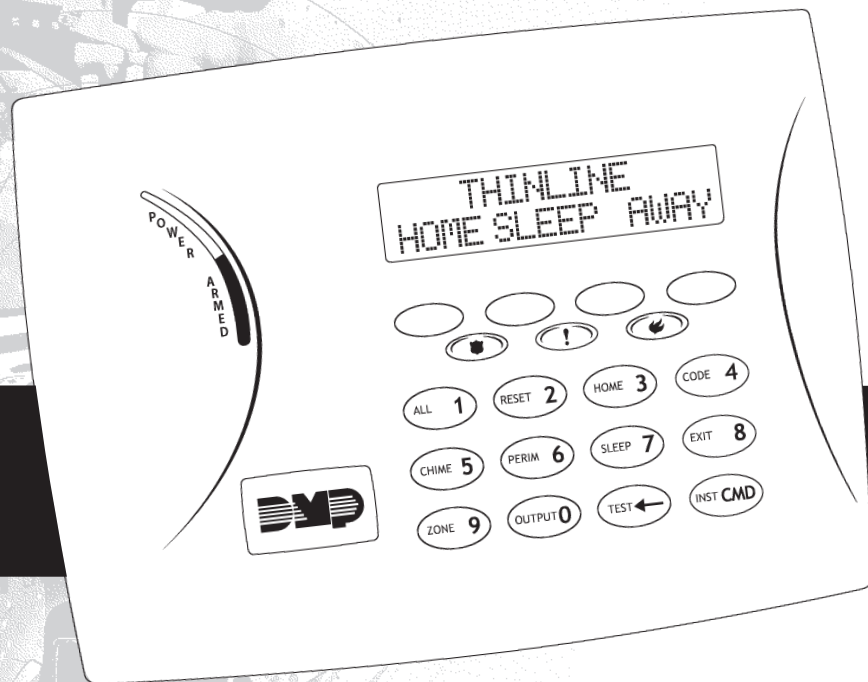


# USER GUIDE

## Z-Wave Addendum



# **User's Guide**

## **Addendum for Z-Wave**

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## Z-Wave Setup

**User Code Level:** Master.

Your system may include a DMP Z-Wave controller module attached at installation. The Z-Wave controller module allows short range radio control of Z-Wave devices that you or your installation company may provide such as lighting control modules, thermostat controls, and door locks. Z-Wave Setup allows you to program the system to control the Z-Wave devices. You may control your Z-Wave devices from your iPhone/iPad or Android device using the DMP Virtual Keypad App or from your keypad by activating a Favorite from the Favorites User Menu. The available setup options are: Add, List, Remove, Favorites, Transfer and Rediscover.

- Select ADD to add a Z-Wave device to your system.
- Select LIST to display a list of Z-Wave devices already added and stored in your system.
- Select REMOVE to completely remove a Z-Wave device from your system.
- Select FAV to Add, Edit or Remove a Favorite.
- Select XFER to transfer Z-Wave device information from another manufacturer's portable Z-Wave controller to your system.
- Select REDISC to require your system to rediscover and confirm radio communication with all of the added Z-Wave devices.

## Add Z-Wave Devices (ADD)

This option allows you to ADD a Z-Wave device to your system. Once added, a Z-Wave device may be assigned to a Favorite.

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Select ADD. PROCESSING may briefly display. When PRESS BUTTON ON DEVICE TO ADD displays press the program button on the Z-Wave device. See the Z-Wave device's documentation for more information.
5. When the device information is received by the system, the keypad beeps once and displays DEVICE FOUND.
6. Once added, the keypad displays the type of device and the default device name. Press COMMAND.
7. Press any top row Select key and enter up to a 16 character custom name for the device. See Entering Names in Appendix D.
8. Press the COMMAND key to store the new name.

**Note:** A maximum of 232 Z-Wave devices can be added to the system. When the maximum number of devices have been added, the keypad displays ZWAVE TABLE FULL and no additional Z-Wave devices may be added without removing some existing devices.

## List Z-Wave Devices (LIST)

This option allows you to edit the name of a Z-Wave device or confirm radio communication with the Z-Wave device. When LIST is selected, the first Z-Wave device stored in the system is displayed. Remaining devices can be viewed by pressing the COMMAND key. Lighting control modules, are displayed first, followed by door locks and then thermostat controls.

The available LIST options are: Rename and Status.

- Select RENAME to enter up to 16 characters for a new device name.
- Select STATUS to confirm radio communication with the Z-Wave device.

#### RENAME Z-Wave Devices

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Select LIST to display DEVICE LIST and the first Z-Wave device stored. Press the COMMAND key to advance through the list of Z-Wave devices.
5. Press any Select key to display DEVICE RENAME STATUS.
6. Select RENAME and enter up to 16 characters for a new device name. See Entering Names in Appendix D.
7. Press COMMAND to save the new Z-Wave device name and return to the DEVICE LIST.

#### STATUS of Z-Wave Devices

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Select LIST to display DEVICE LIST and the first Z-Wave device stored. Press the COMMAND key to advance through the list of Z-Wave devices.
5. Press any Select key to display DEVICE RENAME STATUS.
6. Select STATUS to confirm radio communication with the Z-Wave device.
7. The device name and OKAY displays when the device stored in the system communicates.

8. Press the COMMAND key to return to the device list and display the next device in the list.
9. If the device stored in the system does not communicate, the device name and FAILED displays. Press the COMMAND key and REMOVE FAILED DEVICE displays.
10. Select YES to remove the failed device from the system memory. Select NO to leave the device in the system memory and to return to the device list.
11. When the device has been removed, the device name and REMOVED is displayed and the system no longer tries to communicate with the Z-Wave device.

#### Remove Z-Wave Devices (REMOVE)

Each Z-Wave device added to your system remains in your system unless it is removed. This option allows you to remove Z-Wave devices from your system.

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Select REMOVE. PROCESSING may briefly display. When PRESS BUTTON ON DEVICE TO REMOVE displays press the program button on the Z-Wave device, the device name and REMOVED is displayed to indicate the Z-Wave device has been removed.

## Favorites (FAV)

Z-Wave devices can be grouped together to create a Favorite. This option allows you to program up to 20 Favorites in your system and then ADD, EDIT OR REMOVE up to 25 Z-Wave devices in a Favorite. When activated from the FAVORITE user menu, a command is sent to its Z-Wave Devices. A Favorite can only be activated, or turned on. A separate Favorite must be created to change the conditions set by the first Favorite. For example, a Favorite called "Movie Night" could lock the exterior doors, close the garage door, adjust the temperature, and dim the lights in the family room to the desired level. Another Favorite called "Wakeup" could then turn on the lights, adjust the temperature, unlock the exterior doors, and raise the garage doors.

### Adding a FAVORITE

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Press COMMAND again to display FAV XFER REDISC. Select FAV and FAVORITE NUMBER: - is displayed.
5. Enter a Favorite number between 1 and 20 and press COMMAND. If the Favorite number entered is unassigned, \*UNUSED\* displays. If the Favorite is already assigned, you may change the name or press the back arrow and enter a new number.
6. Press any Select key and a cursor displays. Enter a Favorite name up to 16 characters. To remove a Favorite, press Command without entering a name.
7. Press COMMAND to save the Favorite and the Favorite name and ADD EDIT REMOVE displays.

### ADD Devices to FAVORITES

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Press COMMAND again to display FAV XFER REDISC. Select FAV and FAVORITE NUMBER: - is displayed.
5. Enter a Favorite number between 1 and 20 and press COMMAND.
6. The Favorite number and name displays. Press COMMAND and the Favorite Name and ADD EDIT REMOVE displays.
7. Select ADD and the first Z-Wave device stored in the system that has not already been added to this Favorite is displayed. Remaining devices can be viewed by pressing the COMMAND key.
8. Press any Select key to assign the displayed device to the Favorite. The device name and the current device settings display. When added to a Favorite, a Z-Wave device can be programmed to respond to various ON/OFF/LOCK/UNLOCK/HEAT/COOL commands based on your desired settings. To change a device setting, See Device Settings in Favorites.

### Device Settings in FAVORITES

#### Lights

1. Press any Select key at SETTING: and ON OFF DIM displays. Press the Select key under the desired setting.
2. For ON or OFF setting, when selected, the Favorite name and the next Z-Wave device stored in the system displays.
3. For DIM setting, DIM LEVEL: with the current setting displays. To change the setting, press any Select key and enter the new level (1 - 10) and Press COMMAND.
4. The Favorite name and the next Z-Wave device stored in the system displays.

### Locks

1. Press any Select key at SETTING: and LOCK UNLOCK displays. To change the setting, press the Select key under the new setting.
2. The Favorite name and the next Z-Wave device stored in the system displays.

### Thermostats

1. Press any Select key at SYSTEM: and OFF CL HT displays. To change the setting of OFF, COOL or HEAT, press the Select key under the new setting.
2. Select OFF to display FAN SETTING:.
3. Press any Select key and ON AUTO displays. Press the Select key under the desired new setting to change.
4. Select CL to display COOL.
5. To change the setting, press any Select key, enter the new temperature and press COMMAND.
6. Press any Select key and the keypad displays FAN SETTING:.
7. Press any Select key and ON AUTO displays. Press the Select key under the desired new setting to change.
8. Select HT to display HEAT.
9. To change the setting, press any Select key and enter the new temperature and Press COMMAND.
10. Press any Select key and the keypad displays FAN SETTING:.
11. Press any Select key and ON AUTO displays. Press the Select key under the desired new setting to change.
12. The Favorite name and the next Z-Wave device stored in the system displays.

**Note:** A maximum of 25 devices can be assigned to each Favorite. When attempting to add a device and the maximum number of devices has been assigned, FAVORITE FULL is displayed. No additional Z-Wave devices may be added to this Favorite, however a new Favorite may be created and devices added to the new Favorite.

### EDIT Devices in FAVORITES

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Press COMMAND again to display FAV XFER REDISC. Select FAV and FAVORITE NUMBER: - is displayed.
5. Enter a Favorite number between 1 and 20 and press COMMAND.
6. The Favorite number and name displays. Press COMMAND and the Favorite Name and ADD EDIT REMOVE displays.
7. Select EDIT and the first Z-Wave device stored in the Favorite displays. Remaining devices can be viewed by pressing the COMMAND key.

**Note:** Z-Wave devices are displayed by device type; Lights first, followed Locks, and Thermostats last. By pressing the COMMAND key you can scroll through the devices assigned to the selected Favorite.

8. Press any Select key to display the device name and the setting for the device.
9. To change the setting, See Device Settings in Favorites.
10. Once the device settings have been entered, the Favorite name and the next Z-Wave device stored in the selected Favorite displays.

#### REMOVE Devices from FAVORITES

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Press COMMAND again to display FAV XFER REDISC. Select FAV and FAVORITE NUMBER: - is displayed.
5. Enter a Favorite number between 1 and 20, press COMMAND.
6. The Favorite number and name displays. Press COMMAND and the Favorite Name and ADD EDIT REMOVE displays.
7. Select REMOVE and the first Z-Wave device stored in the Favorite displays. Remaining devices can be viewed by pressing the COMMAND key.
8. Press any Select key to remove the device from the Favorite. REMOVE DEVICE FROM FAV? NO YES displays. When YES is selected, the device is removed from the Favorite.

#### Transfer Controller (XFER)

This option allows the transfer of all existing Z-Wave devices that are currently programmed in another manufacturer's Z-Wave portable controller to your system.



This operation will overwrite all Z-Wave devices that are programmed in your system. This option typically occurs at the time your DMP Z-Wave controller is installed.

Initiate the transfer at the other manufacturer's Z-Wave portable controller after starting the transfer on the DMP keypad. Z-Wave devices are NOT overwritten until the transfer has been initiated at the other manufacturer's Z-Wave portable controller. The transfer should not be stopped once the process has been initiated from the other manufacturer's Z-Wave portable controller.

#### Transfer Operation:

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Press COMMAND again to display FAV XFER REDISC. Select XFER. The keypad displays XFER WILL DELETE EXISTING DEVICES then displays XFER CNTRL SURE? YES NO.
5. Select YES to allow receipt of Z-Wave devices to your system. The keypad displays TRANSFERRING Z-WAVE DEVICES. Pressing the Back Arrow key cancels the transfer. Select NO to exit the XFER menu and return to ZWAVE SETUP?. All programming will still be intact on the DMP Z-Wave controller and will cancel the transfer.

6. Initiate the transfer at the other manufacturer's Z-Wave portable controller. All Z-Wave devices are added to the system with a default name (device type and number). A 16-character name may be assigned to the Z-Wave devices after the transfer is complete. When the transfer is complete the screen will display ZWAVE SETUP?.

**Note:** If TRANSMISSION FAILED displays on the screen, your system memory is cleared of all prior Z-Wave devices programming and will need to add each Z-Wave device individually.

### **Rediscover (REDISC)**

This option allows your system to search for and re-establish communication with Z-Wave devices that may have failed to communicate. Only Z-Wave devices already programmed into your system are included in the rediscovery search. Any programmed Z-Wave device that is not found during rediscovery will be deleted from your system.

1. Access the User Menu.
2. Press COMMAND until ZWAVE SETUP? displays.
3. Press any Select key. The keypad displays ADD LIST REMOVE.
4. Press COMMAND again to display FAV XFER REDISC.
5. Select REDISC, the keypad displays REDISCOVERING ZWAVE DEVICES while the system is searching for Z-Wave devices.
6. When the rediscovery is complete, the keypad returns to ZWAVE SETUP?

## Z-Wave Device Name

|    |       |    |       |
|----|-------|----|-------|
| 1  | _____ | 21 | _____ |
| 2  | _____ | 22 | _____ |
| 3  | _____ | 23 | _____ |
| 4  | _____ | 24 | _____ |
| 5  | _____ | 25 | _____ |
| 6  | _____ | 26 | _____ |
| 7  | _____ | 27 | _____ |
| 8  | _____ | 28 | _____ |
| 9  | _____ | 29 | _____ |
| 10 | _____ | 30 | _____ |
| 11 | _____ | 31 | _____ |
| 12 | _____ | 32 | _____ |
| 13 | _____ | 33 | _____ |
| 14 | _____ | 34 | _____ |
| 15 | _____ | 35 | _____ |
| 16 | _____ | 36 | _____ |
| 17 | _____ | 37 | _____ |
| 18 | _____ | 38 | _____ |
| 19 | _____ | 39 | _____ |
| 20 | _____ | 40 | _____ |

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