



ZIPATILE

Z-Wave Integration Manual

All in One Home Controller



➔ GENERAL Z-WAVE INFORMATION



Zwave plus device type: Central controller

Zwave plus role type: Central static controller

Supported command classes:

COMMAND_CLASS_ZWAVEPLUS_INFO
 COMMAND_CLASS_APPLICATION_STATUS
 COMMAND_CLASS_ASSOCIATION
 COMMAND_CLASS_ASSOCIATION_GRP_INFO
 COMMAND_CLASS_CRC_16_ENCAPH
 COMMAND_CLASS_DEVICE_RESET_LOCALLY
 COMMAND_CLASS_MULTI_CMD
 COMMAND_CLASS_MANUFACTURER_SPECIFIC
 COMMAND_CLASS_POWERLEVEL
 COMMAND_CLASS_SECURITY
 COMMAND_CLASS_VERSION

➔ SUPPORTED ASSOCIATION GROUPS

GROUP ID: 1 - Lifeline

MAX NODES IN GROUP: 1

➔ BASIC COMMAND CLASS HANDLING

- This product will in some cases try to interpret BASIC_SET received from devices and perform the appropriate action (Eg. a basic set 0xFF or 0x0 received from a binary sensor might be interpreted as a change of sensor state).
- Unsupported devices can be controlled with the BASIC_SET command by sending 0x0 and 0xFF values to the unsupported device. The UI control for the BASIC_SET command will be in the "Lights & power" section of the dashboard.

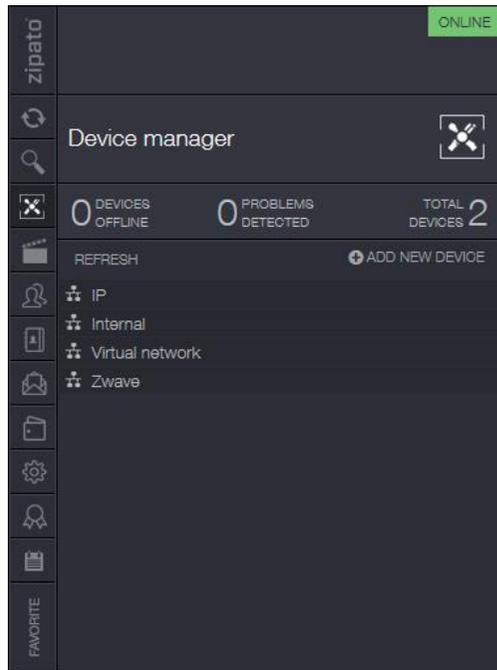


➔ OTHER INFORMATION

- This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.
- This product is a security enabled Z-Wave product that is able to use encrypted Z-Wave messages to communicate to other security enabled Z-Wave products.

➔ ADDING AND REMOVING Z-WAVE DEVICES

➔ ADDING Z-WAVE DEVICES WITH THE DEVICE MANAGER



It is recommended to add new devices with the device manager by pressing the “Add New Device” button. Select the Z-Wave logo and follow on-screen instructions. Devices added with the device manager will be configured in the following way and in the following order:

- Z-Wave inclusion
- Z-Wave secure inclusion, if the device being added supports the Security command class
- Configuration/interview of certain command classes that are supported by the device being included
- Return routes assignment to primary controller

➔ ADDING Z-WAVE DEVICES WITH THE Z-WAVE NETWORK MANAGEMENT TOOLS

The recommended way of adding new Z-Wave devices is via the device manager. Z-Wave network management tools are located under the Controller settings. It is recommended to only use the Z-Wave network management tools to add a new device only if you have problems with adding your device via the device manager. Devices added with the Z-Wave network management tools will be configured in the following way and in the following order:

- Z-Wave inclusion
- Z-Wave secure inclusion, if the device being added supports the Security command class
- Minimal device configuration/interview, as is mandatory by the Z-Wave plus specification
- Return routes assignment to primary controller

➔ REMOVING Z-WAVE DEVICES

Z-Wave devices can be removed with the Z-Wave network management tools:

- Navigate to Z-Wave network management tools
- Click the “Remove node” button and follow onscreen instructions



➔ Z-WAVE NETWORK MANAGEMENT TOOLS

Z-Wave network management tools are located in the “Controller settings menu”.

ADD NODE - Add a Z-Wave device to the current Z-Wave network

REMOVE NODE - Remove a Z-Wave device from the current Z-Wave network

CONTROLLER LEARN MODE - Controller learn mode is used to perform the following actions:

- Add ZipaTile to another Z-Wave network
- Remove ZipaTile from its current Z-Wave network
- Transfer primary role of the current primary controller to ZipaTile
- Receive network information from primary controller, if ZipaTile is an inclusion or secondary controller in the current Z-Wave network

NETWORK HEAL - Network heal is used to rebuild the routing table and to update return routes on all Z-Wave devices in the current Z-Wave network.

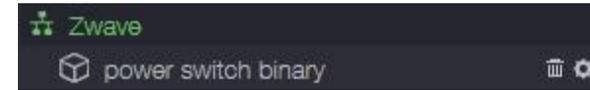
HARD RESET - Reset Z-Wave module to default settings. This will effectively delete the current Z-Wave network and create a new one. All your devices will be deleted and it will be necessary to remove them prior to adding them to another Z-Wave network.

To copy network data to another controller click the **ADD NODE** button and put the other controller in learn mode. This is typically done to transfer information about newly joined devices to other inclusion controllers.



➔ Z-WAVE NODE MANAGEMENT TOOLS

Z-Wave node management tools are located in the “Device settings” menu. To open the device setting menu press the small gear icon.



CONFIGURE NODE - This function is used to configure or gather information about certain supported command classes of the device.

REPLACE FAILED NODE - This function is used to replace a failed node in your Z-Wave network. When you replace a failed node A with a new node B, node B will get the node id of the replaced node. This also means that all the routing information of the replaced node A will be assigned to the new node B.

REMOVE FAILED NODE - This function will completely remove a failed node from the current Z-Wave network. A failed node is a Z-Wave device that no longer sends reports or responds to commands. Please note that you cannot remove a device that still responds to commands with this function.

MANAGE ASSOCIATIONS - Pressing this button will open the associations manager for this device. The associations manager can be used to create Z-Wave associations between Z-Wave devices.

