



Specifications
Power: 125V AC, 60Hz
Wireless Frequency: 908.42 MHz
Loading (Total both outlets): 15A 1875W
Ratings (Total both outlets): Max.15A GP 15A
Resistive 1250W Tungsten
1/2 HP
Operating Temp. Range: -4° F~122° F

Z-Wave Outdoor Plug 2 Outlets (800S)

- MP24Z •

(A) Manual / Program Button

ADD / REMOVE: Press the manual button three times
Blue: Light status indicator
Blue: ADD / Inclusion
Purple: Remove / Exclusion
Red: Network Failure

For outdoor use

(B) 2 Individual Controlled Outlets

These 2 outlets can be controlled simultaneously by clicking the manual button once.
Press the button once to turn the left outlet ON or OFF and twice to turn the right outlet ON or OFF. They can be individually controlled by the z-wave controller, too.



Use our screws and anchor to lock it in the wall. (optional)
Plug the devices you want to control into the Smart plug controlled outlet.

NOTE: Plug directly into the outlet, do not use with power strip.



WARNING

Mount vertically with the receptacles facing downward and at least 2ft above the ground.
For outdoor usage, use this product with ground fault circuit interrupter (GFCI) outlet.

Z-Wave Internet

The Internet of Things offers tremendous promise to consumers by enabling remote control and management of an ever-growing variety of connected devices—from home security systems to energy management, appliances and lighting, and remote home monitoring, just to name a few categories. Analysts predict that billions of devices will be connected to the Internet of Things in the coming years. One key consideration is how all of these devices will be integrated and controlled, and common standards are key to enabling simple, straight forward installation and management of devices in the connected home. The Z-Wave protocol is an interoperable, wireless, RF-based communications technology designed specifically for control, monitoring and status reading applications in residential and light commercial environments. Mature, proven and broadly deployed (with over 100 million products sold worldwide), Z-Wave is by far the world market leader in wireless

Introduction

The Minoston MP24Z is an enabled 15A(1875W) Resistive outdoor smart plug designed for use for most residential lighting and motor applications. It's compatible with LED, halogen, incandescent, xenon, fluorescent and compact fluorescent bulbs.

Z-Wave Network Configuration

NOTE: Include the device to the network within 10 feet of the controller when adding to the controller then relocate it to the desired position in your home, no more than 100 feet distance from controller. Be sure to refresh the network while the device is included in this manner.

Add to Z-Wave Network

Put the Z-wave interface controller into "Add" mode, triple press the Program button (A). LED will blink rapidly.
It will be included to network.
(Once your controller confirmed, refresh the Z-Wave network to optimize performance.)

Remove from Z-Wave Network

Put the Z-Wave interface controller into "Remove" mode, triple press the Program button (A). LED will blink rapidly. It will be excluded to network.

Return Your Switch to Factory Defaults

Manual reset: Press the button twice quickly then hold a 3rd press for 10 seconds.
Host reset: Remove it from the host and the device is factory reset.

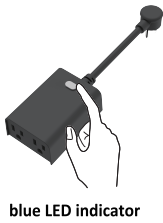
Note: This should only be used in the event your network's primary controller is missing or otherwise inoperable.

Adding Device to Z-Wave Network for QR Code

Scan here for SmartStart inclusion

Note: FULL DSK Code can be found on the packaging box.

Do not remove or damage them.



blue LED indicator

Add QR Code For LR

- This device supports Z-Wave Long Range. It is compatible with smartstart. SmartStart enabled products can be added to a Z-Wave network by scanning the Z-Wave QR Code found on the top of the outlet or the back of the box with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on and in the network vicinity.
- Note: Z-Wave Long Range device can only support be included via SmartStart. Extract the DSK from the end device and paste it into the DSK Value in the PC Controller, make sure the "Long Range" option is ticked.

Troubleshooting:

1. If the device does not enter pairing mode (the LED indicator does not blink), press the device button 3 times faster.
2. If the device does not enter pairing mode (the LED indicator does not blink) even after pressing the device button 3 times faster, reset the device by pressing the button twice quickly then hold a 3rd press for 10 seconds.
3. If the reset fails, exclude the device from your Z-Wave hub (z-wave exclusion).
4. If the z-wave controller does not find the device, bring the device as close as possible to your z-wave controller and re-add the device. After the network configuration is completed, the device can be moved to the location you want.
5. Special reminder for users that connected the device with SmartThings or Hubitat:
(1) For SmartThings: If your z-wave controller is SmartThings, be sure to install the edge driver by following steps to solve the problem of abnormal usage.



(SmartThings driver subscription channel)

- ① Scan the above QR code(left) to open the SmartThings Edge Driver subscription channel of the product.
 - ② Log in to the SmartThings account after opening the SmartThings Edge Driver subscription channel.
 - ③ Select the SmartThings Hub you are using, and click "Enroll".
 - ④ After "Enroll" is completed, click "Available Drivers".
 - ⑤ After entering the "Available Drivers" page, select "Z-Wave Switch" to "Install".
- After installing our egde driver, please remove the device from your hub and re-add it.
Note: Please scan the QR code on the right to view the guide video.
(2) For Hubitat: Device handler is needed for this device. Please download it from www.minos-ton.com.

Parameter Settings

LED Indicator

This parameter can access you to choose the LED indicator to be on when the switch (light) is on /off, or LED indicator remains on/off all times.
(LED flashes twice when the configuration parameter changed.)
Operation: quickly press 6x: change parameter
--Parameter =1, size =1 byte,
value=00 (default) LED is On when switch (light) is On
value=01 LED is On when the switch (light) is Off
value=02 LED is always Off

Auto Turn-Off Timer

This parameter can access you to set a timer to make the switch turn off automatically after the switch turned on. The number entered as value corresponds to number of minutes. (LED flashes twice when the configuration parameter changed.)

Operation: Set up on the hub.

--Parameter =2, Size=4, Values:0 – 65535 (Min), turn off left outlet
--Parameter =3, Size=4, Values:0 – 65535 (Min), turn off right outlet

Auto Turn-On Timer

This parameter can access you to set a timer to make the switch turn on automatically after the switch turned off. The number entered as value corresponds to number of minutes. (LED flashes twice when the configuration parameter changed.)

Operation: Set up on the hub.

--Parameter =4, Size=4, Values: 0 – 65535 (Min), turn on left outlet
--Parameter =5, Size=4, Values:0 – 65535 (Min), turn on right outlet

Restores State after Power Failure

This parameter can access you to set the switch to be on/off after power failure. (LED flashes twice when the configuration parameter changed.)

Operation: Quickly press the button 10 times (Please note: the switching of each value is in order, a quick press on the button 10 times will switch once. eg: Switching from value 0 to value 2 needs 2 switching.)
--Parameter=6, Size=1,
Value=0 – The switch is off regardless of the state prior to power failure.
Value=1 – The switch is on regardless of the state prior to power failure.
Value=2(default) – This switch will be return to state prior to the power failure after power is restored.
Adjust LED brightness (quickly press 8x: change Parameter.)
(Green LED flashes twice to confirm the setting is successful.)
Parameter=7, Size=1,
Value=0 --- Bright Value=1 --- Medium Value=2 --- Low (default.)



Z-Wave Interoperability

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 Device supports Lifeline (association group 1) supporting 1 node for lifeline communication. Group 1 must be assigned the Node ID of the primary controller where unsolicited notifications will be sent. The Z-Wave controller should set this association automatically after inclusion. Lifeline association only supports the "Device Reset Locally" function. Refer to the instructions of your controller for any available details on how this can be set.

Command Class Information

GRNERIC DEVICE CLASS:

0x10 - SWITCH BINARY

SPECIFIC DEVICE CLASS:

0x00 – NOT_USED

COMMANDCLASS:

COMMAND_CLASS_ZWAVEPLUS_INFO,

COMMAND_CLASS_SWITCH_BINARY_V2,

COMMAND_CLASS_ASSOCIATION,

COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V2,

COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_TRANSPORT_SERVICE_V2,
COMMAND_CLASS_VERSION,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_DEVICE_RESET_LOCALLY,
COMMAND_CLASS_INDICATOR,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_SECURITY,
COMMAND_CLASS_SECURITY_2,
COMMAND_CLASS_MULTI_CHANNEL_V4,
COMMAND_CLASS_SUPERVISION,
COMMAND_CLASS_FIRMWARE_UPDATE_MD_V5,
COMMAND_CLASS_CONFIGURATION_V4,

FCC / IC

This device complies with part 15 of the FCC and Industry Canada license - exempt RSS standard(s). 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.

FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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CAUTION - PLEASE READ!

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This device (MP24Z) is intended for installation in accordance with the National Electric Code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation consult a qualified electrician.

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WARNING - SHOCK HAZARD

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TURN OFF THE POWER to the circuit for the switch and lighting fixture at the service panel (circuit breaker) prior to installation.
ALL WIRING CONNECTIONS MUST BE MADE WITH OFF to avoid personal injury and/or damage to the switch.

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OTHER WARNINGS

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Risk of Fire
Risk of Electrical Shock
Risk of Burns

IMPORTANT SAFETY INSTRUCTIONS

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
2. Read and follow all instructions that are on the product or provided with the product.
3. Do not use an extension cord.
4. Reference the National Electrical Code, NFPA 70, specifically for the installation of wiring and clearances from power and lighting conductors.
5. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
6. Do not install or use within 10 feet of a pool
7. Do not use in a bathroom

8. WARNING: Risk of Electric Shock.

When used outdoors, install only to a covered Class A GFCI protected receptacle that is weatherproof with the power unit connected to thereceptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit and cord do not interfere with completely closing the receptacle cover.

9. WARNING: Risk of Electric Shock. Mount the unit at a height greater than 1 foot from the ground surface

10. WARNING: Risk of Electric fire. install only to a receptacle protected by 20A branch circuit over current protection.

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

Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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MEDICAL EQUIPMENT

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Please DO NOT use this switch to congrol Medical or Life Support equipment.
Z-Wave devices should never be used to control the On/Off status of Medical and/or Life Support equipment.

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CONTROLLING APPLIANCES

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Please exercise EXTREME CAUTION when using Z-Wave devices to control appliances. Reason being is because the appliance you want to control may be in a separate room and if unintentional behavior occurs (such as adevice turning on or off - either intentionally via schedules, or unintentionally via network error) this event may lead to a hazardous condition. For these reasons, please note the following suggestions:
1) Do not include Z-Wave devices in Groups or Scenes if they control appliances.
2) Do not use Z-Wave devices to control electric heaters or any other appliances which may present a hazardous condition due to unattended, unintentional, or automatic power control

SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions.

If you have any questions, please contact us at
ask@minoston.com