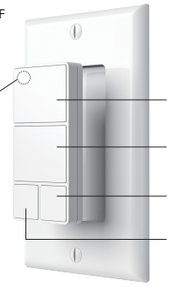
MINOSTON®

S2 Remote Control Switch

Specifications:
Battery: CR2032*2
Frequency: 908.42MHz
Temperature Range: 32°F~104°F
Indoor use in dry location

Model – MR40Z(ZW924)



RGB LED Indicator:
Inclusion: flashing blue
Exclusion: flashing purple
Wake up: stay solid blue
Reset: flashing red

Program button:
Press 5x: Add Z-Wave Network

Press 5x: Remove Z-Wave Network

Reset: Press 5x, then press it 5x again when the red light is flashing

Press 5x: Wake-up Device

1. Please read this the online guidels at support Minosto.com/Z-wave remote carefully.
2. Do not use it in location with direct water contact.
3. Contains small parts keep away from children.

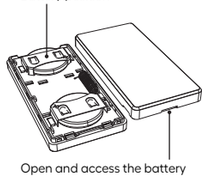
If you have any questions, please contact us at

Scan QR code or visit
ask@minoston.com
and www.minoston.com

Power the device

1. Use by hand open the remote cap,and push it to separate the 2 halves.
2. Remove battery tabs.
3. Your Z-wave remove Immediately should flash LED to indicate it is powered.

Battery position



Open and access the battery

S2 Remote Control Switch features

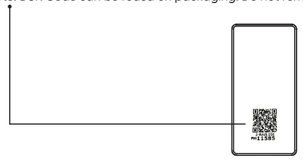
1. Power by battery,no need wires needed.Note the ± direction of the battery.
2. Control other Z-wave devices and enable scenes with a click of a button.
3. The device with S2 and SmartStart support.

Z-wave Control

Adding Device To your hub and Z-Wave Network for QR code

Choose your hub into and scan the QR code with your phone's camera and add to Smartstar

Note: DSK Code can be foucd on packaging. Do not remove or dama ge them.



Inclusion/Exclusion Function

To add the device

1. Follow the instructions for your Z-Wave certified controller to add device from the Z-Wave network.
2. Once the controller is preparing to add your device, press the FIRST BUTTON(ONLY) 5 times, LED is flashing in blue during inclusion and LED stays on green for 2 seconds after inclusion successfully. If LED flashing purple for 3 seconds, please reset the device. LED will stay on red for 2 seconds after inclusion failed.

To remove the device

1. Follow the instructions for your Z-Wave certified controller to remove a device from the Z-Wave network.
2. Once the controller is preparing to remove your device, press the SECOND BUTTON (ONLY) 5 times, LED is flashing in purple during exclusion and the LED stays on green for 2 seconds after exclusion successfully. LED will stay red for 2 seconds after exclusion failed.

Wake up the Device

Press the THIRD BUTTON 5 times quickly, LED will stay solid on blue when awake and will turn off when device goes back to sleep mode.

Factory reset

Manual: Reset: Press the FOUR BUTTON 5x, then press it 5x again when the red light is flashing.

Configuration Parameter:

Parameter 1 Battery report threshold % Use it to set battery level for battery reports.
size=1 byte Available range : 1-20
(DEFAULT): 10%

Parameter 2 Low Battery alarm report Use it to set battery level for low battery reports.
size=1 byte Available range : 5%-20%
(DEFAULT) : 5%

Parameter 3 LED Indicator Color for First button remote control (Scene 1 activation) Choose the LED indicator color for First button remote control triggers
size=1 byte Available settings: 0--6
Value=0 White
Value=1 Purple
Value=2 Orange
Value=3 Cyan
Value=4 Red
Value=5 Green
Value=6 Blue
(DEFAULT) : 0

Parameter 4 LED Indicator Color for Second button remote control (Scene 2 activation) Choose the LED indicator color for Second button remote control triggers
size=1 byte Available settings: 0--6
Value=0 White
Value=1 Purple
Value=2 Orange
Value=3 Cyan
Value=4 Red
Value=5 Green
Value=6 Blue
(DEFAULT) : 1

Parameter 5 LED Indicator Color for Third button remote control (Scene 3 activation) Choose the LED indicator color for Thrid button remote control triggers
size=1 byte Available settings: 0--6
Value=0 White
Value=1 Purple
Value=2 Orange
Value=3 Cyan
Value=4 Red
Value=5 Green
Value=6 Blue
(DEFAULT) : 2

Parameter 6 LED Indicator Color for Fourth button remote control (Scene 4 activation) Choose the LED indicator color for Fourth button remote control triggers
size=1 byte Available settings: 0--6
Value=0 White
Value=1 Purple
Value=2 Orange
Value=3 Cyan
Value=4 Red
Value=5 Green
Value=6 Blue
(DEFAULT) : 3

Parameter 7 LED Indicator Brightness Choose the LED indicator Brightness level
size=1 byte Available settings: 0--10
Value=0 LED off
Value=1 10% Brightness
Value=2 20% Brightness
Value=3 30% Brightness
Value=4 40% Brightness
Value=5 50% Brightness
Value=6 60% Brightness
Value=7 70% Brightness
Value=8 80% Brightness
Value=9 90% Brightness
Value=10 100% Brightness
(DEFAULT) : 5

Scene Control:

This remote supports four scene controls

Scene 1 : First Button 1-Tap/2-Tap/3-Tap/Held/Released
Scene 2 : Second Button 1-Tap/2-Tap/3-Tap/Held/Released
Scene 3 : Third Button 1-Tap/2-Tap/3-Tap/Held/Released
Scene 4 : Fourth Button 1-Tap/2-Tap/3-Tap/Held/Released

Association Group:

This remote supports 9 Association Group controls
Support group number: 9
Each group max. Support 10 devices
Group 1 Lifeline
Group 2 First button press 1x send basic set 0xff, Second button press 1x send basic set 0x00.
Group 3 Third button press 1x send basic set 0xff, Fourth button press 1x send basic set 0x00.
Group 4
First button hold more than 0.5s send SWITCH_MULTI - LEVEL_START_LEVEL_CHANGE(Dim Up)
First button release send SWITCH_MULTILEVEL_STOP_LEVEL_CHANGE Second button hold more than 0.5s send SWITCH_MULTI - LEVEL_START_LEVEL_CHANGE(Dim Down) Second button release send SWITCH_MULTILEVEL_STOP_LEVEL_CHANGE
Group 5
Third button hold more than 0.5s send SWITCH_MULTI - LEVEL_START_LEVEL_CHANGE(Dim Up)
Third button release send SWITCH_MULTILEVEL_STOP_LEVEL_CHANGE Fourth button hold more than 0.5s send SWITCH_MULTI - LEVEL_START_LEVEL_CHANGE(Dim Down)
Fourth button release send SWITCH_MULTILEVEL_STOP_LEVEL_CHANGE
Group 6 First button press 1x to toggle on/off (send basic set 0xff or 0x00).
Group 7 Second button press 1x to toggle on/off (send basic set 0xff or 0x00).
Group 8 Third button press 1x to toggle on/off (send basic set 0xff or 0x00).
Group 9 Fourth button press 1x to toggle on/off (send basic set 0xff or 0x00).

Command Class

Generic Device Class: 0x07 - GENERIC_TYPE_SENSOR_NOTIFICATION
Specific Device Class: 0x01 - SPECIFIC_TYPE_NOTIFICATION_SENSOR

Command Classes:

0x5E - COMMAND_CLASS_ZWAVEPLUS_INFO
0x85 - COMMAND_CLASS_ASSOCIATION
0x8E - COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION
0x59 - COMMAND_CLASS_ASSOCIATION_GRP_INFO
0x31 - COMMAND_CLASS_SENSOR_MULTILEVEL
0x55 - COMMAND_CLASS_TRANSPORT_SERVICE
0x86 - COMMAND_CLASS_VERSION
0x72 - COMMAND_CLASS_MANUFACTURER_SPECIFIC
0x5A - COMMAND_CLASS_DEVICE_RESET_LOCALLY
0x73 - COMMAND_CLASS_POWERLEVEL
0x80 - COMMAND_CLASS_BATTERY
0x9F - COMMAND_CLASS_SECURITY_2
0x71 - COMMAND_CLASS_NOTIFICATION
0x87 - COMMAND_CLASS_INDICATOR
0x30 - COMMAND_CLASS_SENSOR_BINARY
0x70 - COMMAND_CLASS_CONFIGURATION
0x84 - COMMAND_CLASS_WAKE_UP
0x6C - COMMAND_CLASS_SUPERVISION
0x7A - COMMAND_CLASS_FIRMWARE_UPDATE_MD

FCC warning:

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,
(2) This device must accept any interference received, including interference that may cause undesired operation. changes or modifications 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 receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

CAUTION - PLEASE READ!

This device 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.

MEDICAL EQUIPMENT

Please DO NOT use this plug to control Medical or Life Support equipment. This device should never be used to control the On/Off status of Medical and/or Life Support equipment.

OTHER WARNINGS

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 andclearances from power and lighting conductors.
5. Installation work and electrical wiring must be done by qualified person(s) in accordance with allapplicable 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 the receptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit andcord 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.

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