

Single Color Wall Mounted Z-wave Remote

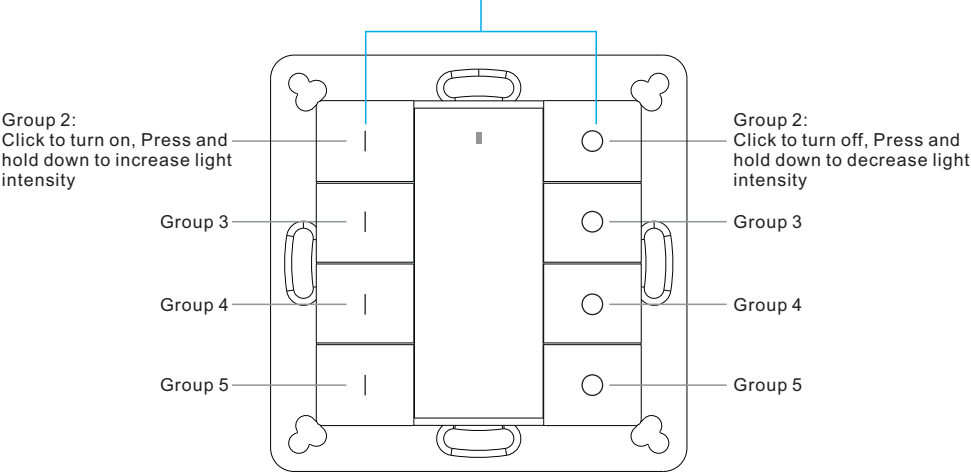
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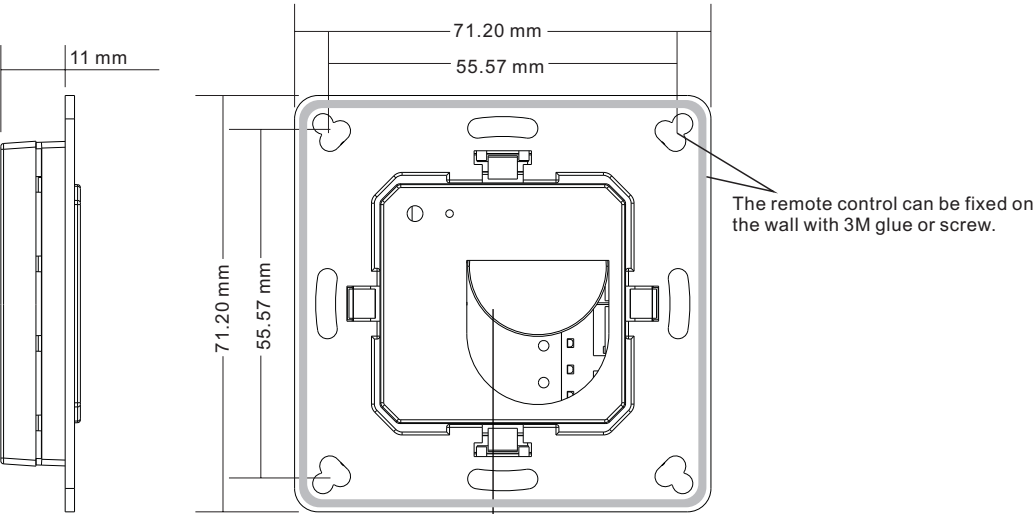
Important: Read All Instructions Prior to Installation

Function introduction

Press and hold down both keys together for 3s to be added to or removed from z-wave network by z-wave master (primary) controller.



Front side



Battery: CR2430
Before the first use, please remove the protective film

Back side

Product Data

Output	Z-Wave signal
Operation Frequency	868/908/921MHz
Power Supply	3V(1xCR2430 battery)
Operating temperature	0-40°C
Relative humidity	8% to 80%
Dimensions	71.2x71.2x13.6mm

- Wall mounted single color Z-wave remote
- Z-wave slave
- Z-wave mesh network
- Compatible with all universal z-wave master controllers
- Compatible with Z-Wave receivers
- Controls 4 groups (light zones) with associated nodes.

Safety & Warnings

- This device contains a button lithium battery that shall be stored and disposed properly.
- DO NOT expose the device to moisture.

Operation

- 1.The wall controller is a secondary controller that does not support Z-Wave network administrator feature and will always need a Master (Primary) Z-Wave network controller to be added into a Z-Wave network.
- 2.The wall mounted controller is Z-Wave Plus enabled, on-wall mountable wireless controller that is able to control associated receiver devices. This device can control 4 Groups (Light Zones) with associated nodes.

Technical Data

SDK	6_61_00
Radio protocol	Z-Wave Plus
Explorer Frame Support	NO
Basic Device Class	BASIC_TYPE_ROUTING_SLAVE
GenericDevice Class	GENERIC_TYPE_GENERIC_CONTROLLER
Specific Device Class	SPECIFIC_TYPE_PORTABLE_REMOTE_CONTROLLER

Z-Wave Plus Info Report

Parameter	Value
Z-Wave Plus Version	1
Role Type	4 (ZWAVEPLUS_INFO_REPORT_ROLE_TYPE_SLAVE_PORTABLE)
Node Type	0 (ZWAVEPLUS_INFO_REPORT_NODE_TYPE_ZWAVEPLUS_NODE)
Installer Icon Type	0x0B00 (ICON_TYPE_GENERIC_REMOTE_CONTROL_SIMPLE)
User Icon Type	0x0B00 (ICON_TYPE_GENERIC_REMOTE_CONTROL_SIMPLE)

Manufacturer Specific Report

Parameter	Value (hex)
Manufacturer ID 1	0x00
Manufacturer ID 2	0x00
Product Type ID 1	0x00
Product Type ID 2	0x03
Product ID 1	0xa3
Product ID 2	0x01-0x0e

Association Command Class

Association Group	Group Name	Nodes	Send Mode	Send commands
Group 1	Lifeline	[1]	Single Cast	DEVICE_RESET_LOCALLY_NOTIFICATION, BATTERY_REPORT
Group 2	Launch 1	[1,20]	Multicast	the Basic Set, Switch Multilevel Start Level Change, Switch Multilevel Stop Level Change, Switch Color Set, Scene Activation, Scene Actuator Conf Set, Central Scene Notification
Group 3	Launch 2	[1,20]	Multicast	the Basic Set, Switch Multilevel Start Level Change, Switch Multilevel Stop Level Change, Switch Color Set, Scene Activation, Scene Actuator Conf Set, Central Scene Notification
Group 4	Launch 3	[1,20]	Multicast	the Basic Set, Switch Multilevel Start Level Change, Switch Multilevel Stop Level Change, Switch Color Set, Scene Activation, Scene Actuator Conf Set, Central Scene Notification
Group 5	Launch 4	[1,20]	Multicast	the Basic Set, Switch Multilevel Start Level Change, Switch Multilevel Stop Level Change, Switch Color Set, Scene Activation, Scene Actuator Conf Set, Central Scene Notification

3. Added to Z-wave Network

Please make sure the battery of the wall mounted controller has enough power (press any key and if the blue LED indicator turns on, which means the remote works well) -> set the master controller or gateway into network inclusion mode (please refer to the user manual to learn how) -> press and hold down both keys I and O at the top row (group 2) simultaneously on the wall controller until LED indicator turns on -> there shall be an indication on the master controller or gateway - > LED indicator on the wall controller flashes 6 times quickly to indicate successful adding

4. Group for Associations

The Wall Controller supports 5 Groups for associations:

Group 1: Lifeline (Used for reporting devices' state to the Master Controller if any changes happen). This group supports one node, which default association to the Master Controller node.

Group 2 – Group 5: each remote supports one or multiple groups for association, each group supports maximum 20 controllable devices for association, the same device can be associated with multiple remotes simultaneously, and can be associated with multiple groups on the same remote simultaneously. (The buttons at top row, 2nd row, 3rd row and 4th row stand for group 2, 3, 4 and 5 respectively.)

Once the remote and controllable devices are added to the network, choose from your gateway or hub interface to associate the device with the remote. (Please refer to their user manual to learn how).

5.All command class the wall controller supports are as follows:

COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_ASSOCIATION,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_VERSION,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_CONFIGURATION,
COMMAND_CLASS_DEVICE_RESET_LOCALLY,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_BATTERY,
COMMAND_CLASS_WAKE_UP,
COMMAND_CLASS_FIRMWARE_UPDATE_MD_V2,
COMMAND_CLASS_MARK,
COMMAND_CLASS_SWITCH_BINARY_V2,
COMMAND_CLASS_SWITCH_MULTILEVEL_V4,

6. The remote has battery power monitor function, and reports battery power value to the gateway automatically:

- The remote will report battery power value of a newly installed the battery to the gateway.
- The remote will wake up every 4 hours to check battery power by factory default, and will report battery power value to the gateway under 2 situations:
a.When the battery power value is different from last time.
b.When the battery power value is low or death power.

7. Control the devices associated with this controller

• How to control the controllable devices:

Configure the remote via gateway with CC “COMMAND_CLASS_ASSOCIATION” or “COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION” to associate the controllable devices with the remote.

• How to undo the control to controllable devices:

Configure the remote via gateway with CC “COMMAND_CLASS_ASSOCIATION” or “COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION” to disassociate the controllable device with the remote.

Note: all configuration parameters for association will be removed automatically after the remote is removed from the network.

8.Removed from z-wave network

When the wall mounted controller has already been added to z-wave network, set z-wave master (primary) controller or z-wave gateway into network inclusion mode (please refer to the user manual to learn how) -> press and hold down both keys I and O at the top row (group 2) simultaneously on the wall controller until LED indicator turns on -> there shall be an indication on the master controller or gateway -> the LED indicator on the wall controller will show 3 short blinks and 1 long blink to indicate successful removing

9.Reset to factory default setting

Click both I and O buttons at the top row (group 2) simultaneously for 3 times, the LED indicator will show 3 short blinks and 1 long blink to indicate successful resetting.

Note: Resetting the device is not recommended and please only execute it in the event that your primary Controller is lost or otherwise inoperable, a reset of the device will clear all network information.

Note: by factory default setting, the z-wave controller has not been added to z-wave network.

Mounting

The key part of this controller is a universal, standard switch element that can be integrated in numerous frames by different manufactures as below list:

BEKER	S1, B1, B3, B7 glass
GIRA	Standard55, E2, Event, Esprit
JUNG	A500, Aplus
MERTEN	M-smart, M-Arc, M-Plan