

# Z-Wave Battery Wall Controller - ZWC-K8

ZWC-K8D.04283



## Product description

The Wall Controller is a Z-Wave Plus enabled, on-wall mountable wireless controller able to control associated receiver devices. Device can control 4 Groups (Light Zones) with associated nodes.

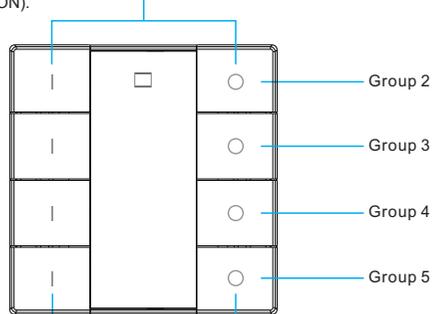
The Wall Controller does not support Z-Wave network administrator features and will always need a Master Z-Wave network controller to be included into a Z-Wave network.

Wall Controller unit is supplied as complete set for wall mounting. The operation status of the controller is indicated with a LED light for programming purposes and command send status notifications.

Controller can be used with frames from: ELKO (RS-16, Plus), Schneider Exxact, Eljo Trend, ELSO, Norvesco, Berker (S.1, B.1, B.3, B.7 Glass), GIRA (System 55, Standard 55, E2, E22, Event, Esprit), Merten (1-M, Atelier-M, M-Smart, M-Arc, M-Star, M-Plan), JUNG (A 500, AS 500, A Plus, A Creation).

### Brief introduction of buttons

Press and hold down both keys together for ca. 2 sec. to send request to Master Controller to be included into or excluded from Z-Wave network (LED indicator turns ON).

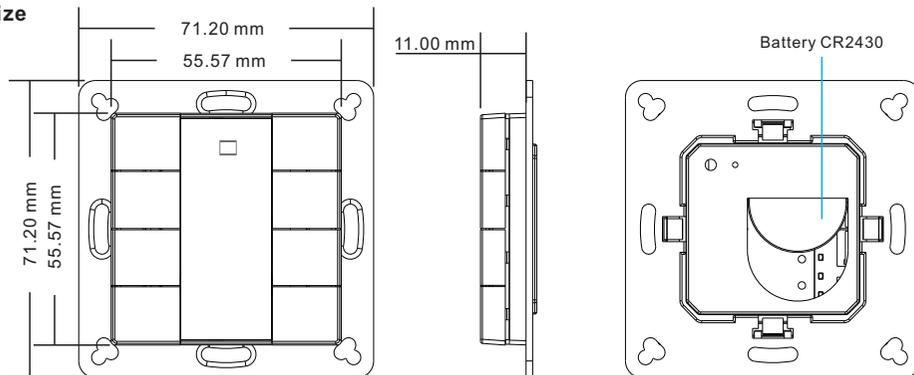


Click to turn ON, Press and hold to turn UP.

Click to turn OFF, Press and hold to turn DOWN.

Z-Wave Frequency	868.42MHz (EU)
Power Supply	3VDC (CR2430 battery)
Power consumption	10 mA
Operating temperature	0 to 40°C
Relative humidity	8% to 80%
Dimensions	71.2 x 71.2 x 11mm

## Size



## Before device installation

Please read carefully this user manual before installation of the Wall Controller. **Remove transparent protective film under the battery.** Be sure that the battery has enough power. Press and hold ca. 2 sec. both I and O keys on the top row (Group 2 keys). If the LED indicator turns ON, it means that the Wall Controller works well.

## Inclusion into the Z-Wave network

1. Set the Master (Primary) controller into network Inclusion Mode (Consult the manual for the Master Controller how to start the inclusion process).
2. Press and hold I and O keys of Group 2 (the top row of keys) on the Wall Controller unit at the same time. The LED light will stay solid. Release the keys. See feedback on the Master Controller.

## Exclusion from the Z-Wave network

1. Set the Master (Primary) controller into network Exclusion Mode (Consult the manual for the Master Controller how to start the exclusion process).
2. Press and hold I and O keys of Group 2 (the top row of keys) on the Wall Controller unit at the same time. The LED light will stay solid. Release the keys. See feedback on the Master Controller.

## 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: Supports maximum 20 Z-Wave devices per Group.

**Please pay attention: Group 2 represents the top row of keys, ..., Group 5 represents the bottom row of keys.**

## Set and unset associations to nodes

Associations set and unset to respective nodes must be performed with help of the "Master Controller" unit (Consult the manual of the Master Controller device how to start the association process).

## Node Information Frame

The Node Information Frame (NIF) contains information about the device type and the technical capabilities. The inclusion and exclusion of the device confirmed by sending out a Node Information Frame. Pressing both I and O keys at the same time will issue a Node Information Frame sequence.

## Command Class supported by the device

COMMAND\_CLASS\_ZWAVEPLUS\_INFO  
 COMMAND\_CLASS\_VERSION  
 COMMAND\_CLASS\_MANUFACTURER\_SPECIFIC  
 COMMAND\_CLASS\_DEVICE\_RESET\_LOCALLY  
 COMMAND\_CLASS\_POWERLEVEL  
 COMMAND\_CLASS\_BATTERY  
 COMMAND\_CLASS\_ASSOCIATION  
 COMMAND\_CLASS\_ASSOCIATION\_GRP\_INFO  
 COMMAND\_CLASS\_WAKE\_UP  
 COMMAND\_CLASS\_SWITCH\_MULTILEVEL  
 COMMAND\_CLASS\_BASIC

## Factory Reset

The device can be set back to factory defaults without performing an exclusion process. Please execute the following steps:

Click fast 3 times both I and O keys of Group 2 (the top row of keys) at the same time, the LED indicator will blink with 3 short and 1 long light, which means the device is reset to factory defaults.

Please use this procedure only if the device is secondary controller and the primary controller is missing or otherwise inoperable.