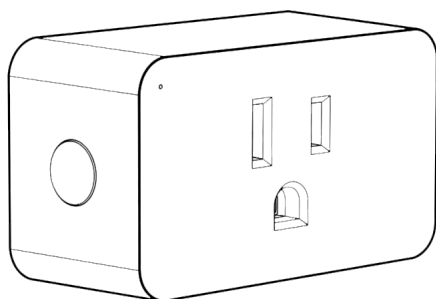


versa

LAMP-ZW2

Z-Wave Plus Plug-In Dimmer

Z-Wave 800 · 908.42 MHz



INSTALLATION MANUAL

SPECIFICATIONS

Input	125 VAC, 60 Hz
Frequency	908.42 / 916 MHz mesh · 912 / 920 MHz LR
Range	Up to 1300 ft direct-to-controller (LR) · 330 ft (100 m) per hop (mesh)
Incandescent	200 W max
Dimmable CFL/LED	100 W max
Use	Indoor, dry location
Listing	ETL Listed (UL 60730-1)
FCC ID	2AD9XLAMP-ZW2
Firmware	V8.10.00 (SDK 7.24.1)

LED indicator

LED state	Meaning
Solid (color)	Normal — color set by Param 3 (default blue)
Pulsing/flashing	Add (inclusion)
Solid magenta	Remove (exclusion) / error

Button functions

- Press 1x: toggle outlet on/off (single-tap behavior set by Param 13).
- Press and hold: dim up or down.
- Press 2x quickly: double-tap action (set by Param 14, default = night-light).
- Press 3x quickly: inclusion / exclusion.
- Press 5x quickly: set min brightness.
- Press 10x quickly: set max brightness.
- Press 8x quickly: cycle Param 8 (restore after power fail).
- Factory reset: press 2x quickly, hold the 3rd press for 10 sec.

Features

- Z-Wave on/off + dimmer control
- Grounded 3-wire plug for safety
- Restores state after power failure
- Built-in Z-Wave Plus repeater
- S2 security · Z-Wave 800 chip
- Supports Z-Wave Long Range

Z-WAVE NETWORK SETUP

Adding the device

1. Follow your Z-Wave controller's instructions to add a device.
2. When the controller is ready, press the program button on the smart plug 3x quickly. The LED flashes during inclusion.
3. Once paired, control the device from your hub via groups, schedules, and automations.

If pairing fails, move closer to the hub and retry. You can return to your final location after pairing.

Notes

- If the program button doesn't light after 3 presses, factory-reset the device and retry.
- Solid magenta LED = device already paired and in exclusion mode. If add fails, exclude first, then re-add.

Removing the device

1. Follow your controller's instructions to remove a device.
2. Press the program button 3x quickly.

Factory reset

Press 2x quickly, then hold the 3rd press for 10 seconds. Use only if the primary controller is missing or inoperable.

SmartStart QR code

Scan the Z-Wave QR code on the back of the outlet using your SmartStart-capable controller. The device is added automatically within 10 minutes of being powered on within range.

For Z-Wave Long Range: include via SmartStart and ensure the LR option is enabled on your controller.

Association groups

- Group 1 — Lifeline (5 nodes, Binary Switch Report + Device Reset Locally)
- Group 2 — Send Basic Set ON/OFF (5 nodes, triggered by local button)

PARAMETER SETTINGS

Configure from your hub. The LED flashes 3× to confirm a parameter change.

#	Parameter	Default	Values
1	LED Brightness	1	0=100%, 1=60% (def), 2=30%
2	LED Mode	0	0=on when off (def), 1=on when on, 2=always off, 3=always on
3	LED Color	0	0=blue (def), 1=green, 2=red, 3=yellow, 4=cyan, 5=magenta
4	Auto Turn-Off	0	Minutes 1–65535. 0=disabled.
6	Auto Turn-On	0	Minutes 1–65535. 0=disabled.
7	Night Light	2	1–10 = 10–100% brightness
8	Restore After Power Fail	2	0=off, 1=on, 2=last state (def)
9	Ramp Rate — Btn ON	2	0=instant, 1–99 sec
10	Ramp Rate — Hold	4	1–99 sec when held
11	Min Brightness	10	0=disabled, 1–99%
12	Max Brightness	99	0=disabled, 1–99%
13	Single-Tap Brightness	0	0=last (def), 1=Param 15, 2=max, 3=100%
14	Double-Tap Behavior	1	0=100%, 1=night-light (def), 2=max, 3=disabled
15	Custom Brightness	0	0=last, 1–99% custom
16	Local/Z-Wave Lockout	1	0=Z-Wave only, 1=both (def), 2=disable both
17	Disable Btn Programming	0	0=enabled (def), 1=lock out programming
18	Ramp Rate — Btn OFF	2	0=instant, 1–99 sec
19	Ramp Rate — Hub ON	255	1–254 sec; 255=use Param 9 (def)
20	Ramp Rate — Hub OFF	255	1–254 sec; 255=use Param 18 (def)
21	LED Confirm Blink	0	0=enabled (def), 1=disabled

Manual min brightness (param 11)

1. Press button 5× quickly — LED flashes slowly.
2. Hold to set min brightness.
3. Press 5× to confirm (or wait 10s).

Manual max brightness (param 12)

1. Press button 10× quickly — LED flashes slowly.
2. Hold to set max brightness.
3. Press 10× to confirm (or wait 10s).

Z-WAVE INTEROPERABILITY

Works with any Z-Wave certified network. All non-battery nodes act as repeaters regardless of vendor.

LAMP-ZW2 supports Lifeline communication (group 1). Group 1 must be assigned to the primary controller's Node ID. Most controllers configure this automatically.

CERTIFICATIONS & COMPLIANCE

- ETL Listed by Intertek — UL 60730-1:2016
- FCC Part 15 Class B · FCC ID: 2AD9XLAMP-ZW2
- Z-Wave Plus certified · ZW Alliance #5062

FCC compliance

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, and (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.

FCC Class B

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. If this equipment causes harmful interference to radio/TV reception (which can be determined by turning the device off and on), try:

- Reorient or relocate the receiving antenna.
- Increase separation between 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.

RF exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. Install and operate with a minimum distance of 20 cm between the radiator and any person.

SAFETY & WARNINGS

⚠ RISK OF FIRE / SHOCK / BURNS

To reduce shock risk, this product has a grounding plug (third pin). It only fits a grounding-type outlet. If it does not fit, contact a qualified electrician — do not modify the plug.

Do not exceed load ratings. Do not use to control devices where unintended operation could be unsafe (heat lamps, sun lamps, etc.).

Medical equipment

Do not use this switch to control medical or life-support equipment.

Controlling appliances

Use extreme caution with appliances. Schedules, automations, or network errors may turn devices on/off unintentionally — possibly while you are away. Do not include appliance-controlling devices in groups or scenes, and do not use Z-Wave to control electric heaters or any device that could become hazardous if unattended.

Caution — please read

Install per the National Electrical Code and local regulations. If unsure, consult a qualified electrician.

Z-WAVE DEVICE CLASS

Generic: 0x11 GENERIC_TYPE_SWITCH_MULTILEVEL

Specific: 0x00 SPECIFIC_TYPE_NOT_USED

Mfr ID: 0x0464 · Type: 0xFF00 · Product: 0xFF0D

Command classes

0x5E ZWAVEPLUS_INFO_V2	0x86 VERSION_V3
0x26 SWITCH_MULTILEVEL_V4	0x72 MFR_SPECIFIC_V2
0x70 CONFIGURATION_V4	0x5A DEVICE_RESET_LOCALLY
0x85 ASSOCIATION_V2	0x73 POWERLEVEL
0x8E MULTI_CHAN_ASSOC_V3	0x9F SECURITY_2
0x59 ASSOC_GRP_INFO_V3	0x6C SUPERVISION
0x55 TRANSPORT_SERVICE_V2	0x7A FIRMWARE_UPDATE_MD_V5
0x87 INDICATOR	

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