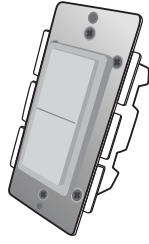


WA-100 User Guide



WA-100 In-Wall Auxiliary



INTRODUCTION

This switch is intended to be used only with ZLINK in-wall products such as WS-100 and WD-100 modules. The WA-100 replaces the Remote switch in existing multi-way (3-way, 4-way and 5-way) circuits. The WA-100 uses the existing Traveler wire to communicate with the WS-100 or WD-100 Master switch. WA-100 carries no live (Line) power and it's not transmitting or receiving any RF signal. Up to 3 units of WA-100 can be added to WS-100 or WD-100 circuit to form up to a 5-way association.

FEATURES

- Replaces existing Remote switch(s) in multi-way circuits
- Uses existing Traveler wires, not powered, no Z-Wave radio
- White finish matches WS-100 and WD-100 devices
- Almond color change kit available (not included)
- Provides On/Off control when used with WS-100
- Provides On/Off and dimming control when used with WD-100
- Fits standard wall plates (wall plate not included)

RECOMMENDED USES

- Use with WS-100 or WD-100 to add multi-way control
- Requires existing Traveler wire
- For indoor use only
- Not for use with motors

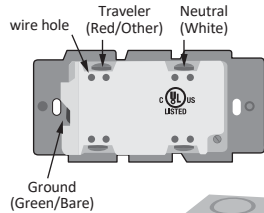
! WARNING !
RISK OF FIRE, ELECTRICAL SHOCK & BURNS
DO NOT USE WITH MEDICAL AND LIFE SUPPORT INSTRUMENT
No user serviceable parts are in this module

SETUP

Step 1 **WARNING! RISK OF SHOCK! Make sure power is OFF in the circuit before wiring!**

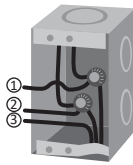
Step 2 Identifying the wiring terminals on the module

NEUTRAL - White (this wire is often tied to other neutral wires and may require the included jumper wire to connect with WS-100)
TRAVELER — Red/Other (only used in 3-way circuits)
GROUND — Green or Bare



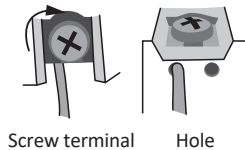
Step 3 Remove the wall plate and the existing switch (if mounted) at your preferred installation location. You should label the wires connected to the screw terminals before disconnecting the switch. Please check that the wiring configuration to the right is present in the wall switch box, otherwise consult a qualified electrician.

1. Neutral - White
2. Ground - Green or bare
3. Traveler (for 3-way) - Red or other



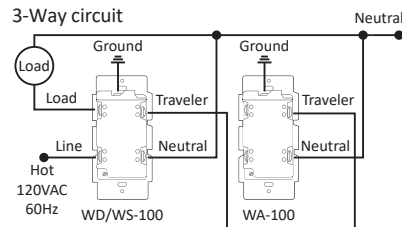
Wiring Information

Use copper wires only. UL specification: the tightening torque for the screws is 14 Kgf-cm (12 lbf-in)
Strip insulation 5/8" (16mm)
Wire connection can be made either to Screw terminal or Hole. Use 14 AWG or larger rated at 80°C or higher for all wire. A 14 AWG wire can use hole or screw terminal, all other gauges must use screw terminal.

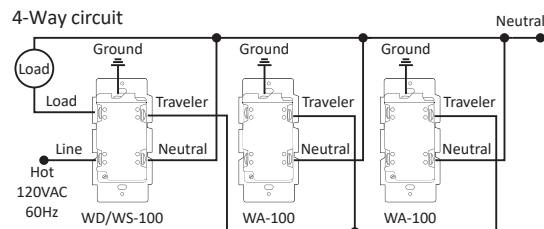


Making Connections

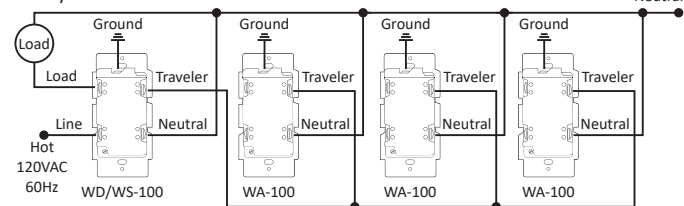
3-Way circuit



4-Way circuit



5-Way circuit

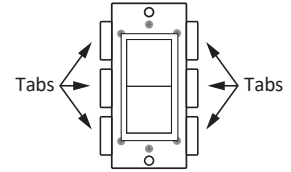


Note: The maximum length of Traveler wire should not exceed 200ft.

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Gang Box

To install the WA-100 in a multi-gang or J box, the tabs on the sides of the metal yoke may need to be removed. For single gang switch, no changes should be required. For dual or higher gang configuration where switches are next to each other, the tabs need to be removed. Simply take a pair of pliers, grab the tabs and wiggle until the tabs break off.



Step 4 When proper wiring is completed, secure the module to the wall box. Restore power to the circuit and test if the connected lighting can be turned ON/OFF, or Dimmed (when used with WD-100 dimmer only) manually by the rocker on WA-100 before remounting the wall plate.

BASIC OPERATION

Use the rocker switch on the WA-100 to control the connected WS-100 or WD-100. Tapping and releasing the upper part of the rocker turns the light ON. Tapping and releasing the lower part of the rocker turns the light OFF. Tap and holding the upper part of the rocker Dims Up the light (when used with WD-100 only). Tap and hold the lower part of the rocker Dims Down the lighting (when used with WD-100 only). Simply release the rocker when the desired brightness level is reached during dimming.

SPECIFICATIONS

Model	ZL-WA-100
Input power	120 VAC, 60 Hz.
Normal operating temperature	77°F (25°C)
FOR INDOOR USE ONLY	

WARRANTY

ZLINK warrants to the original purchaser of this product that for the warranty period, this product will be free from material defects in materials and workmanship.

The foregoing warranty is subject to the proper installation, operation and maintenance of the product in accordance with installation instructions and the operating manual supplied to customer.

Warranty claims must be made by customer in writing within 30 days of the manifestation of a problem. ZLINK's sole obligation under the foregoing warranty is to repair, replace or correct any such defect that was present at the time of delivery or during the warranty period. The warranty does not extend to consequential or incidental damage to other products that may be used with this product. For inquiry and customer service, email to support@ZLINKproducts.com
All brand names shown are trademarks of their respective owners.

Warranty period: limited 1 year from date of purchase.

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WA-100

Size: 5cm x 10 cm, total: 20cm x 30cm (H)

English