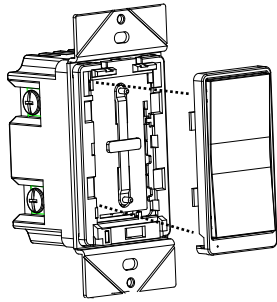


# INSTALLATION INSTRUCTIONS

**Model: WF3K**  
**3-Way Add-on Switch for**  
**WiFi Dimmer (WF500D)**



## FEATURES

- Requires an Enerwave WF500D Wi-Fi Dimmer switch, not a standalone switch
- Offers Three or Four-Way control with full dimming range when used with the Enerwave WF500D WiFi Dimmer Switch
- Includes white, light almond, and black interchangeable face covers that will match most standard wall plates
- Requires in-wall installation with hard-wired connections - Neutral wire is required.

## SPECIFICATIONS

Voltage.....120VAC, 60Hz  
 Operating Temperature.....32°-104°F (0°-40°C)

## REQUIREMENTS

- Requires an Enerwave WF500D Wi-Fi Dimmer Switch. This is NOT a standalone switch.
- Neutral wire is required

## WARNING

Turn the **POWER OFF** at the circuit breaker before installing the **Smart Dimmer**

Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician performs this installation.

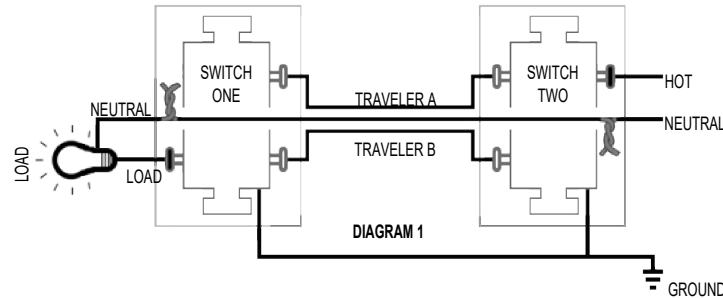
**Use copper wire only**

**Only Use Wires with Minimum Temperature Rating 75°C (167°F)**

## WIRING DIRECTIONS

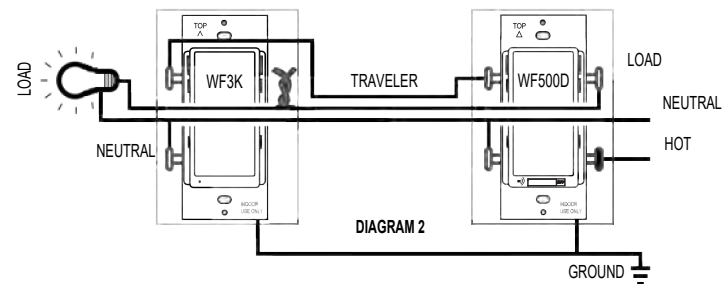
First, find out if you will be controlling the lights from one location or multiple locations. Next, identify all the wires. Once you've identified the wires, follow the diagram below for wiring.

### COMMON 3-WAY WIRING



- Step 1.** Identify all your wires (DIAGRAM 1). Label the wires or draw a diagram of existing wires
- Step 2.** Convert the TRAVELER B wire to the LOAD wire. To do so, take the LOAD wire and TRAVELER B wires off SWITCH 1 and connect them together with a wire cap (DIAGRAM 2)
- Step 3.** Connect the other end of the TRAVELER B wire to the LOAD terminal on the WF500D
- Step 4.** Connect the NEUTRAL wire to both switches
- Step 5.** Connect the TRAVELER A wire from the WF500D to one of the terminals on the 3-way switch
- Step 6.** Connect the HOT wire to the HOT terminal on the WF500D
- Step 7.** Connect the GROUND wires to the GROUND terminals on both switches

### RETROFIT WIRING with WF3K



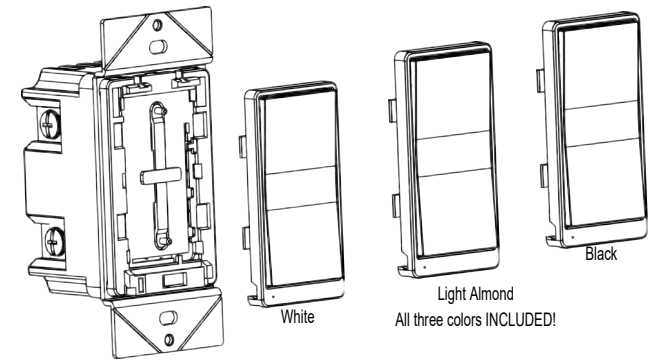
## UPGRADING STANDARD 3-WAY SWITCHES TO Wi-Fi

### UPGRADING STANDARD 3-WAY Circuit

#### REPLACING EXISTING SWITCHES WITH WF3K and WF500D Wi-Fi Dimmer

The term "3-way circuit" refers to a circuit with two switches and one load (light) like you find at the top and bottom of a stairway. There are many ways to physically wire a 3-way circuit so it is important to understand how the circuit is wired before performing the upgrade to a Wi-Fi control.

DIAGRAM 1 illustrates a common 3-way circuit. In Diagram 1 and Diagram 2, SWITCH ONE is replaced with the **WF3K** and SWITCH TWO is replaced with the **WF500D**. The auxiliary switch (**WF3K**) does not actually control the power; instead, it sends a momentary voltage signal through the traveler wire to the primary Wi-Fi Dimmer switch (**WF500D**) which in turn, controls the power to the load.



## WARRANTY INFORMATION

This device is warranted to be free of material and workmanship defects for 2 years from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Enerwave, Inc. Warranties from other Enerwave products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Enerwave shall not be liable to the purchaser or end user customer of Enerwave products for direct, indirect, incidental, or consequential damages even if Enerwave has been advised of the possibility of such damages. Enerwave' total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory.

# Enerlites®

© 2019 Enerwave Home Automation  
 WWW.ENERLITES.COM  
 0206190144  
 REV 20230802