

User Manual

Product Name: One Gang Dimmer
Model: KH03

Manufacture: MEI HUA ELECTRONICS (HUIZHOU) LIMITED

Before installation

1. Safety Instruction

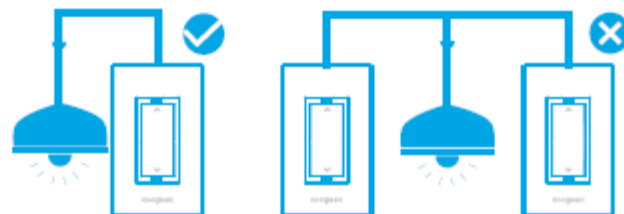
WARNING! This is an electrical shock hazard.

Incorrect installation could be dangerous or illegal. Multiple breakers may need to be de-energized for safe installation. Please call a professional electrician if you are unfamiliar or uncomfortable with electrical work.



2. Check Compatibility

Koogeek Smart Dimmer replaces single pole switch only. Not compatible with 3-way (multi location control) switches. Neutral wire required.



3. Wi-Fi Signal Strength

Hold your iPhone / iPad / iPod touch close to the Smart Dimmer which you just installed. Make sure you have at least 2 bars of Wi-Fi signal there.



4. Wi-Fi Signal Type

Make sure your router is configured to 2.4G, and your iPhone / iPad / iPod touch is connected to this 2.4G network.

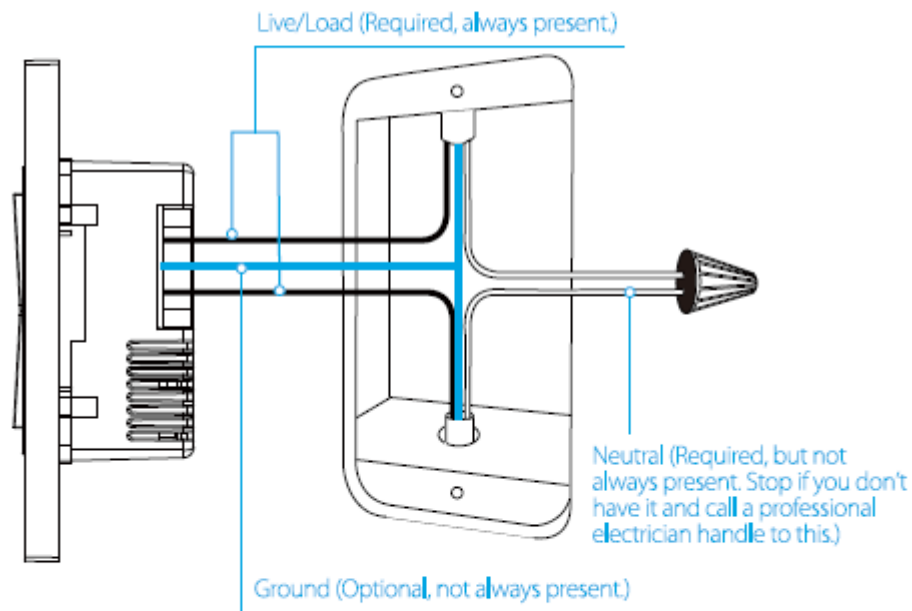
Installation Guide

1. Turn off the power

Shut off power at circuit breaker for the switch you are replacing. Don't forget to flip your light switch a few times to ensure the power is off.

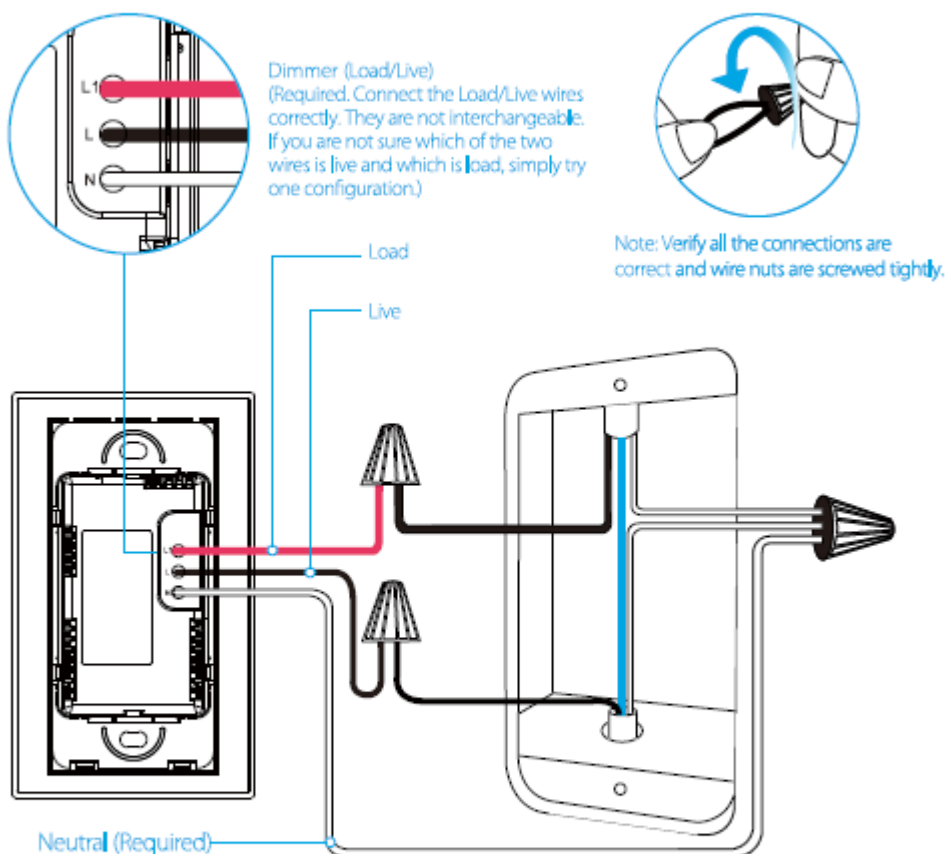
2. Remove the old switch

Disconnect the wires and remove your old switch. You can take a picture for later reference.



3. Install the Koogeek Smart Dimmer

Notice: Koogeek Smart Dimmer DOES NOT have the ground wire.



4. Screw in the Koogeek Dimmer and attach the faceplate.

5. Turn on the power.

Koogeek Home app configuration guide

1. Before you configure Koogeek Home app, please make sure the LED light flashes in green slowly. Otherwise, please reset the device.
2. Make sure your iPhone or iPad (iOS 8.1 or later) is connected to a 2.4GHz Wi-Fi network. Using the router utility software, shutdown 5GHz Wi-Fi networks.
3. Download and open the free Koogeek Home app from the App Store.
4. Sign up or log in with a Koogeek account. (You can also tap "Skip" to enter the app directly.)
5. Create your "Home" and "Room" and enter a home and room name.
Note: If you have used this kind of app before, please ignore this step.
6. Tap "+" in the right corner and follow the on-screen directions to complete network setup.
Note: To add more Dimmers (or repeat the Dimmer setup process), tap "+" and you will see the accessory list.
7. When prompted, please scan the setup code or enter the setup code manually, and follow on-screen steps to add the device to the "Room" which you edited before.



8. You can name your device and use this name when speaking to Siri. For example, you can name your device "Dimmer", then launch Siri and speak "Turn on the Dimmer". Then the device will be turned on.
9. Set up customized scenes to control multiple devices with a single command. For example, if you assign the "Good Morning" command to the scene of turning off night light and turning on washroom light, when you speak "Good Morning" to Siri, everything will be done!
10. Please visit www.koogeek.com for more troubleshooting.

FAQ

Why did I fail to add my Smart Dimmer to the Koogeek Home app?

1. Make sure your accessory is powered on and nearby.
2. If you have a dual band router, please shutdown 5GHz Wi-Fi networks and connect your phone to the 2.4GHz Wi-Fi network.
3. Make sure your accessory's green LED flashes slowly, if not, please press and hold the reset button for 10 seconds to restore factory settings.
4. Select the accessory shown on screen, then scan the setup code which can be found on the device, instruction manual or inner packaging.
5. If the app prompts "Couldn't add Koogeek-Dimmer-XXXXXX" after you scanning the setup code:
 - (1) delete the current "Home" in Home Settings and close the app;
 - (2) restore the accessory to factory settings;
 - (3) add the accessory again.

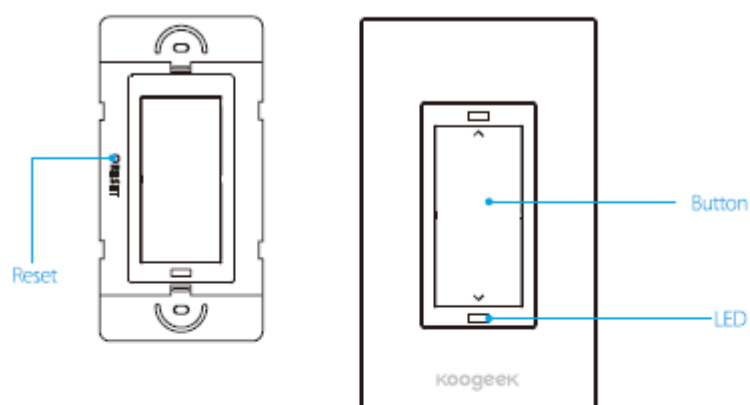
Smart Dimmer works normally after restoring factory settings, but it occasionally gets disconnected from networks and can not be recognized.

1. Make sure the number of Wi-Fi connected devices is within the wireless network capacity of your router. Otherwise, please replace with another router.
2. Reconnect your iOS devices to Wi-Fi and make sure your Wi-Fi signal is strong enough.
3. Wait until the network is fixed if your router performs poorly in wireless networks that might result from network congestion.
4. Check the router setting and see if there is any limit to the number of simultaneous client connections.
5. Restart your HomeKit accessory or restore your HomeKit accessory to factory settings, and add your HomeKit accessory to the Koogeek Home app.
6. Update the firmware to the latest version.

How to automate and remotely access my HomeKit accessories?

Please visit www.koogeek.com/support/homekit.html

Dimmer Overview



Button

Press once to manually control the switch (Turning switch "On" or "Off").

Press and hold the button to adjust the brightness of the light

Reset

Press and hold the RESET button with a small thing for about 10 seconds. When the green LED light flashes slowly, it indicates that you have restored the device to factory settings.

Power / Wi-Fi Status Indicator (after setting up)

Green LED flashes slowly: Smart Switch is waiting for a Wi-Fi network configuration.

Green LED flashes quickly: Smart Switch is disconnected from a Wi-Fi network.

Green LED stays lit: Adjust the brightness of the light

Green LED is off: Can't adjust the brightness of the light

Note:

The use of a HomeKit-enabled accessory need the follow permissions:

Settings > iCloud > iCloud Drive > Turn On

Settings > iCloud > Keychain > Turn On

Settings > Privacy > HomeKit > Koogeek Home > Turn On

Electrical Ratings

100-120V AC, 60Hz

4A, 400W

For Indoor Dry Location Use Only

Safety Warnings

- Neutral wire required
- DO NOT use as 3-way (multi-location control) switches
- Turn off power before inspection, installation and removal
- For indoor use only
- Keep children away from Smart Switch before installation
- DO NOT clean with liquid
- DO NOT use in wet or damp areas
- DO NOT exceed the recommended electrical ratings
- DO NOT use in precision timing applications where inaccurate timing could be dangerous (sunlamps, saunas, etc.)
- DO NOT use with devices that should not be operated unattended

FCC Notice

NOTE: 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. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.