

KLEVER  
**SWITCH**

# Quick

Installation  
GUIDE



KLEVERNESS.

# KLEVER SWITCH

## WARNING

### RISK OF ELECTRIC SHOCK

Installing the Klever Switch involves high voltage wiring. Please follow the instructions carefully

Ignoring the safety precautions, or improper installation or use of this product may cause electrocution, personal injuries or even death

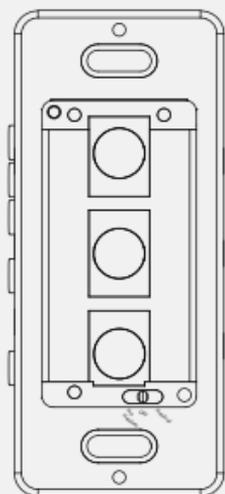
The Klever Switch is designed only for interior use and should not be exposed to liquids or wet conditions



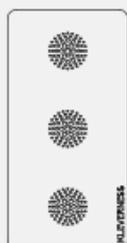
# **USER MANUAL**

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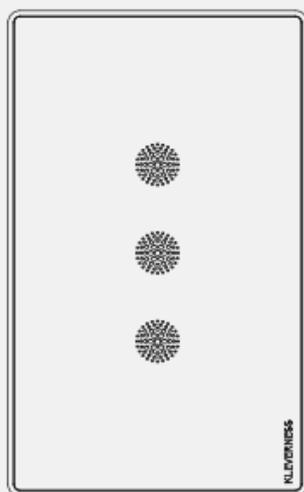
## WHAT'S INSIDE THE BOX



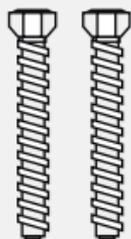
**Klever Switch**



**Small Faceplate**



**Large Faceplate**



**2 Mounting Screws**



**LED Bulb Adapter**

# TECHNICAL REQUIREMENTS

In order to use the Klever Switch, it is necessary that the lighting loads are connected to **working light bulbs** (incandescent, LED or CFL) and that the sum of their wattage is equal to or less than **300W** per load (900W Total)

Requires a **Klever Hub** to use smart features



## INSTALLATION

**IMPORTANT:** Make sure the loads you want to control are connected to working lights

### FIRST STEPS

It is very important to follow these steps before installing your Klever Switch

**Step 1** Turn OFF your home's circuit breakers

**Step 2** Remove your old light switch

All done? Let's go!

### WIRE YOUR KLEVER SWITCH

The Klever Switch can be connected to one, two or three independent lighting loads. The following steps will show you how to wire every individual case using the 1, 2 and 3 positions

To connect each wire, insert it into the hole on the back of the device and tighten the screw (Figure 1)

- 1.** Identify & connect the **LIVE** wire into the  position
- 2.** Identify & connect the **GROUND** wire by wrapping it around the green screw on the back of the Klever Switch and tighten the screw. (If the **GROUND** wire is not present, please ignore this step)

**3.** Identify if the Neutral wire is present, and if it is, connect the NEUTRAL wire into the NEUTRAL position

**4.** Connect the loads to the ,  and  positions:

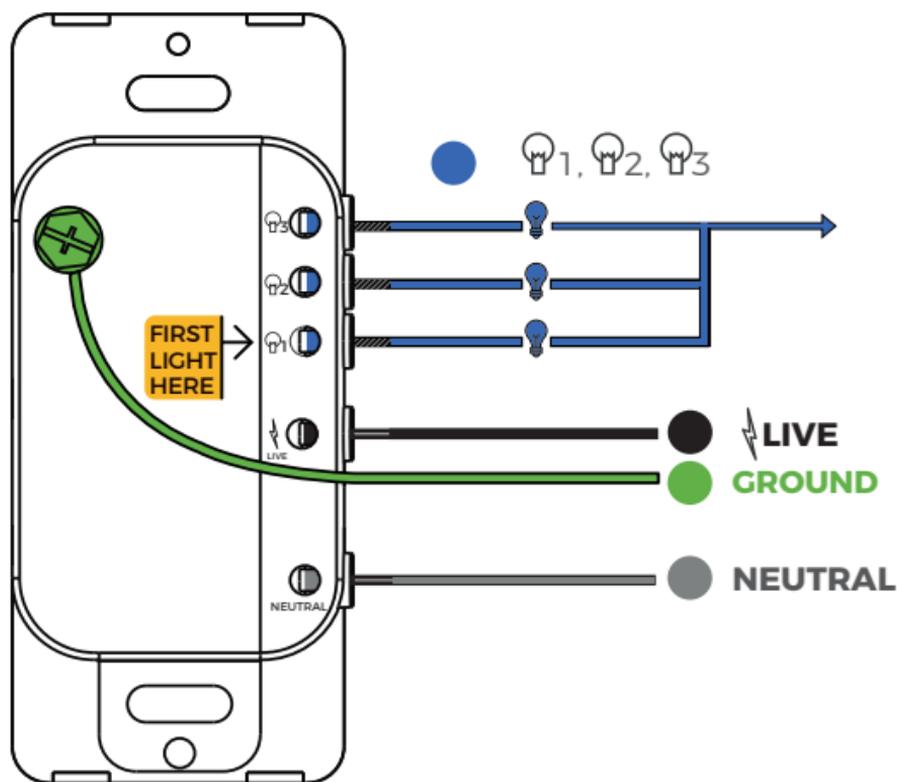
Start with the  as the main light

If you are only connecting 1 load, use 

If you are connecting 2 loads, use  and 

If you are connecting 3 loads, use ,  and 

Figure 1



#### 4. If you DID NOT connect a Neutral Wire:

Move the safety switch to the “NO NEUTRAL” position (Figure 2)

#### 5. If you DID connect the Neutral Wire:

Move the safety switch to the “NEUTRAL” position (Figure 3)

Figure 2

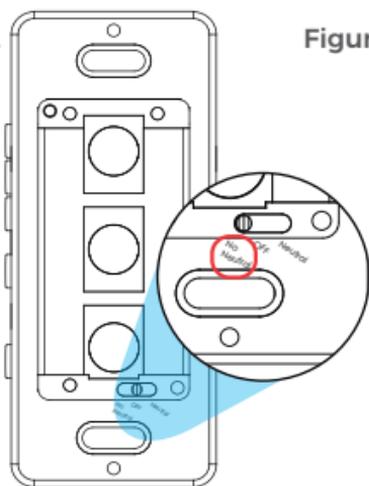
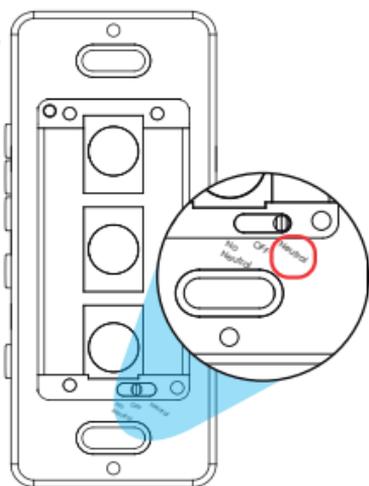


Figure 3



## LED BULB ADAPTER INSTALLATION

### IMPORTANT:

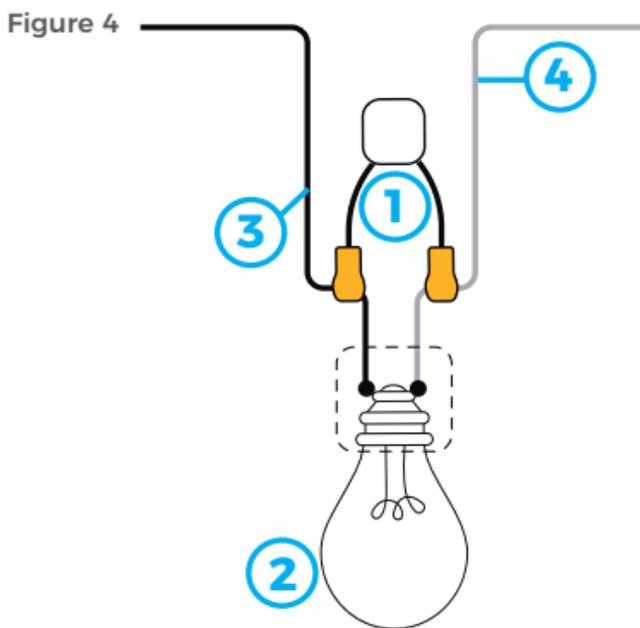
**Only install the LED Bulb Adapter if you DID NOT connect a Neutral Wire**

If your wall box doesn't have the neutral wire, please follow these steps:

1. To connect the **LED Bulb Adapter**, identify the two wires going to 

These may be located on the lamp, or above the ceiling (**remember that the circuit breakers must be turned off**)

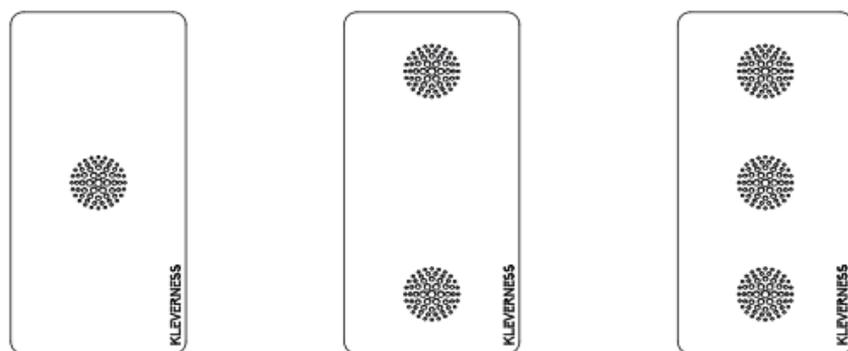
**2.** Using the easy snap connectors, attach each side of the **LED Bulb Adapter** to the two wires on the bulb or lamp so that it's parallel to the bulb (as shown for reference in Figure 4)



- 1** LED Bulb Adapter
- 2** Light 1 (bulb or lamp)
- 3** 1 wire
- 4** Neutral wire

Now that you've wired your device, turn **ON** your home's circuit breakers. The Klever Switch will detect how many loads you wired and will light up the number of independent circuits you connected (Figure 5)

Figure 5



**If you connected**  **1** load you should see 1 red light on the front of the switch

**If you connected**  **2** loads you should see 2 red lights on the front of the switch

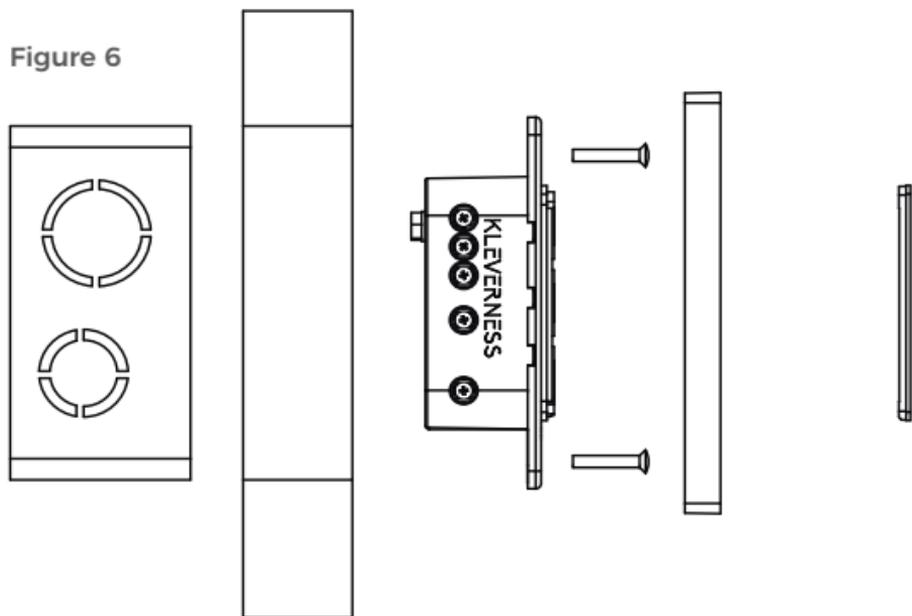
**If you connected**  **3** loads you should see 3 red lights on the front of the switch

If that is not the case, please go back to Step 1 and check that the wires are connected to the correct positions

# MOUNT YOUR KLEVER SWITCH TO THE WALL

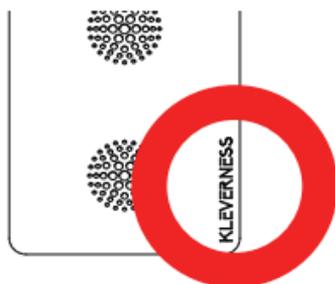
Now use the screws included in the box to mount your Klever Switch. Make sure it's flush against the wall

Figure 6



Snap on the small or large faceplate with the Kleverness logo on the lower-right corner (Figure 7)

Figure 7



Congratulations! Your Klever Switch is ready to be set up in the Kleverness App.

## HOW TO USE YOUR KLEVER SWITCH

Once you've wired & installed your Klever Switch, (check the Quick Installation Guide for further reference) you can control up to three lighting circuits

Turn the light ON or OFF tapping the circular lights on the front of the device

**Blue** means the light is **ON**, and **Red** means It's **OFF**

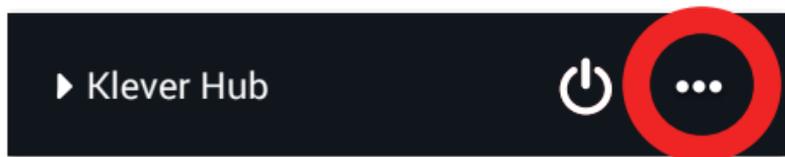
## HOW TO USE YOUR KLEVER SWITCH WITH THE APP

After you have downloaded the Kleverness App (available on the App Store and Google Play) and created an account, here's what you need to do:

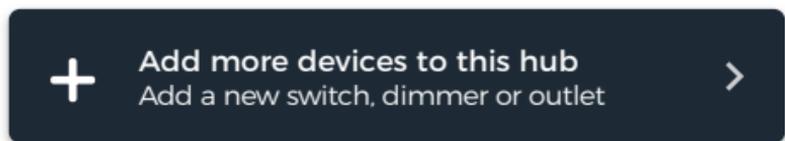
Install your Klever Hub (sold separately)

After you have installed your Klever Hub, the next step is pairing your Klever Switch with the Kleverness App:

On the home section tap on the Hub Details icon



Tap "Add more devices to this hub"



and select "Add Klever Switch"

Follow the instructions on the Kleverness App

Now you can use several functions such as routines that adapt to your lifestyle, establish zones to control multiple lights with a single touch or activate vacation mode to increase the security of your home when you're away

## HOW TO REPLACE A LIGHTBULB

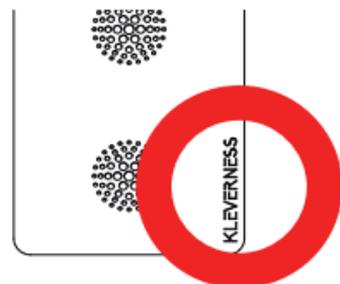
1. Turn all loads on the switch **OFF**. All circles should be **RED**
2. Remove the faceplate from your switch
3. Check and remember what position the safety switch is currently on (Figure 10)

Figure 10



4. Move the safety switch to **OFF** to stop the flow of electricity to your lightbulb
5. Replace the bulb in accordance to its instructions
6. Once the bulb has been replaced, return the safety switch to the position that it was previously on (Step 3)
7. Snap on the faceplate with the Kleverness logo on the lower-right corner

Figure 11



8. Continue using your Klever Switch normally

If you have any doubts or need more information, please email us at

**[hello@kleverness.com](mailto:hello@kleverness.com)**

and we will gladly provide the support you need

## **SAFETY AND REGULATORY GUIDE FOR THE KLEVER SWITCH CONTAINED IN THIS BOX (THE “PRODUCT”)**

This booklet provides important safety, regulatory, and warranty information that you should read before you start using this device. An online version of this document can be found on [www.kleverness.com](http://www.kleverness.com).

### **Health and Safety Information**

**Basic safety:** To avoid damaging the Product, its accessories or any connected devices, appliances or products, and to reduce the risk of personal injury, discomfort, property damage or other potential hazards, follow the instructions and precautions set forth below and those found at the Kleverness App.

- Handle the Product with care. You may damage the Product if you disassemble, drop, bend, burn, crush or puncture your Product. Using a damaged Product may cause overheating or injury, and can cause fire, electric shock, injury, or damage to you, the Product or other property.
- Don't expose the Product to liquids, which can cause a short circuit and/or result in the Product overheating. Using the Product when moisture is present, can cause fire, electric shock, injury, or damage to you, the Product or other property. If the Product gets wet, do not attempt to dry it using an external heat source.

- Using damaged wires, cables, power adapters or accessories, or using your device when moisture is present, can cause a fire, electric shock, injury, or damage to the device or other property. When using the Product, make sure the power adapter is plugged into a nearby socket and is easily accessible.
- The Product is intended for use with its original accessories, connectors and power adaptors. Only use the Product with the included accessories, connectors, power adapter and cable. Failure to use compatible accessories can cause fire, electric shock, injury, or damage to you, the Product and other property.

### **Service and Support**

For online help and support, visit [www.kleverness.com](http://www.kleverness.com)

### **Regulatory Information**

Additional regulatory and environmental information can be found at [www.kleverness.com](http://www.kleverness.com)

Manufacturer address:

340 S Lemon Avenue #2291, Walnut, CA, 91789 USA

**FCC Compliance Statement Compliance Notice**

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.

**Contains FCC ID: 2AD66-915**

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

### **RF Exposure Information**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 8 inches during normal operation.

### **Industry Canada (IC) Compliance Notice**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

### **RF Exposure Statement**

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This transmitter must be installed to provide a separation distance of at least 8 inches from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

### **WARNING**

Changes or modifications not expressly approved by Kleverness Incorporated could void the user's authority to operate the equipment.

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Learn more at **[kleverness.com](https://www.kleverness.com)**