



tp-link Kasa Smart Light Bulb User Manual

[Home](#) » [Ptp-Link](#) » tp-link Kasa Smart Light Bulb User Manual 

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About This Guide

This guide provides a brief introduction to Smart Bulb and the Kasa app, as well as regulatory information. Please note that features of Smart Bulb may vary slightly depending on the model and software version you have. All images, parameters, and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following convention is used:

Convention	Description
Teal	Key information appears in teal, including management page text such as menus, items, buttons and so on.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website.

Support

- Specifications can be found on the product page at <https://www.tp-link.com>.
- Our Technical Support and troubleshooting information can be found at <https://www.tp-link.com/support>.

Contents




- 1 Introduction
- 2 Set Up Your Smart Bulb
- 3 Main Device Controls
- 4 Configure Your Smart Bulb
- 5 Create Scenes
- 6 Authentication
- 7 Documents / Resources
 - 7.1 References
- 8 Related Posts

Introduction

The Smart Bulb is part of the Kasa smart home family of products, including plugs, switches, cameras, and more. You can adjust brightness, track energy consumption, set schedules and timers, and set an alarm that wakes you naturally by simulating the sunrise. Group lights together to control your smart bulbs more easily and create your own scenes.

You can also control multiple smart home devices with the Kasa app or use your voice for added convenience. With Kasa, your home is never more than a few taps away.

- **No Hub Required** – The Smart Light screws in just like an ordinary bulb. Simply download the Kasa Smart app, connect to Wi-Fi and enjoy. No special hardware is needed.
- **Scheduling** – Set your smart bulb to turn on or off while you are home or away.
- **Energy Saving** – Reduce power usage without compromising on light quality.
- **Voice Control** – Pair the smart bulb with Amazon Echo, Dot, and Tap, or Google Assistant for voice control.
- **Remote Control** – Set up the smart bulb easily and control it from anywhere with the free Kasa app.

KL110 (Dimmable)	KL120 (Tunable White)	KL130 (Multicolor)
		
A dimming range from 1%-100%, lighting for any occasion	Light appearance from soft white to daylight	A wide range of colors and adjustable brightness

Set Up Your Smart Bulb

Follow the steps below to set up your smart bulb via the **Kasa Smart** app.

Step 1. Download Kasa

Get the **Kasa Smart** app from the App Store or Google Play.



OR



http://www.tp-link.com/common/promos/app_kasa.html?ref=QRCode




Step 2. Connect to Network

Connect your mobile device to a 2.4GHz Wi-Fi network.



Step 3. Add Device

Tap the  button in the Kasa app and select Smart Bulb KL100 Series. Follow app instructions to complete the setup.

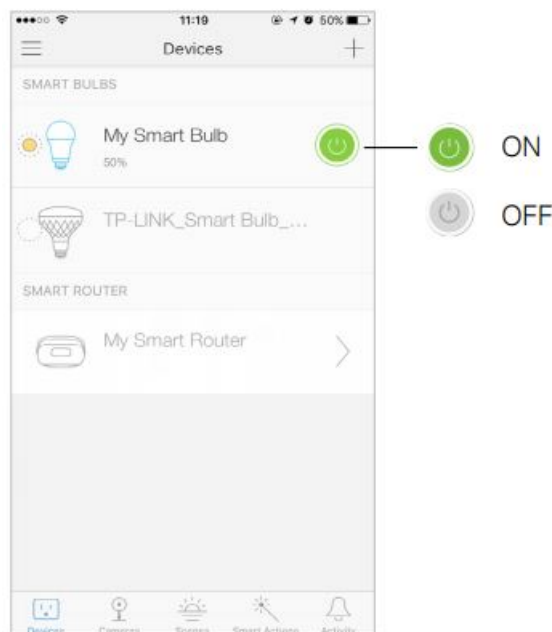


Main Device Controls

After you successfully set up your Smart Bulb, you will see the home page of the Kasa app and the Smart Bulb page after tapping a Smart Bulb.

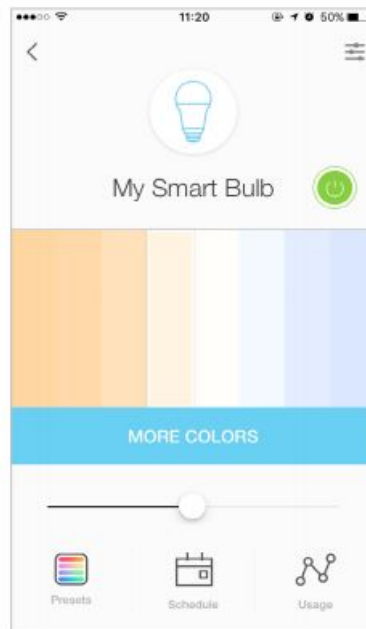
Home Page

This page lists your smart bulbs, and other smart home devices if any. You can instantly turn on/off the bulb or change colors.



Smart Bulb Page

On the **Devices** page, tap a **Smart Bulb**, then you can have more detailed configuration options about your bulb.




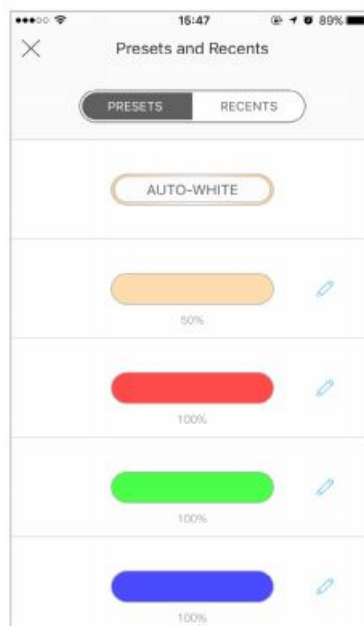
The image is for demonstration only.

Configure Your Smart Bulb


On the **Smart Bulb** page, you can adjust the light temperature or color (only for KL130), set schedules, track energy consumption, and change settings.

Presets and Recents

Tap  to add presets and apply what you have set recently to your smart bulb.




Create Event

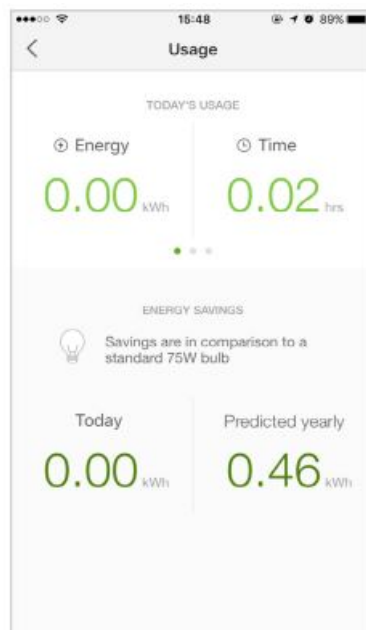
Tap  to set schedules for your smart bulb to simplify your daily routine by creating automatic On/Off action.




On the **Smart Bulb** page, you can adjust the light temperature or color (only for KL130), set schedules, track energy consumption, and change settings.

Usage

Tap  to view and track energy consumption.



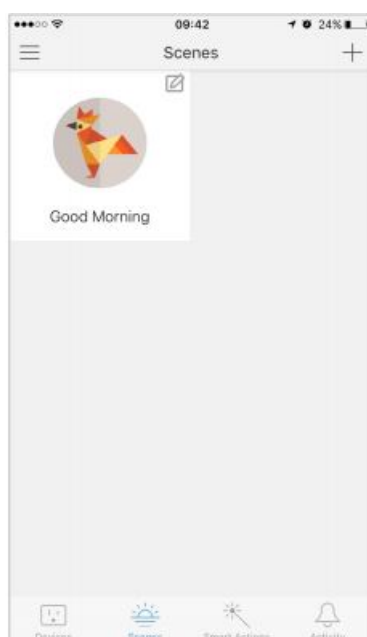
Device Settings

Tap  to view and change the settings of your smart bulb. Moreover, you can enable remote control for ease of use.



Create Scenes

A scene is a preset group of smart devices that can be programmed, customized, and activated simultaneously at the touch of a button from your smartphone or tablet, allowing you to easily set your mood, activity, or fit any special occasion. This page allows you to preset how your smart home devices should act automatically on special occasions.



Discover Kasa

Use the Kasa app to pair your Smart Bulb with Amazon Alexa or Google Home Assistant and enjoy a fully hands-free experience. Kasa helps manage the rest of your smart home too, working with Nest to trigger changes when you arrive home or leave for the day. Launch the **Kasa** app and go to **Add Device > WORKS WITH KASA > Nest Home and Away / Amazon Alexa / Google Assistant** for detailed instructions.

Authentication

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FCC Compliance Information Statement



Product Name: Kasa Smart Light Bulb

Model Number: KL110 / KL120 / KL130

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

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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:

- 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 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.
 2. This device must accept any interference received, including interference that may cause undesired operation.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. "To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter." We, **TP-Link USA Corporation**, have determined that the equipment shown above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2018-7-30

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY (the maximum transmitted power)

2412 MHz -2472 MHz (20dBm) No restrictions exist in the use of radio frequencies or frequency bands in all EU member states and EFTA countries.

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, and 2011/65/EU. The original EU declaration of conformity may be found at <http://www.tp-link.com/en/ce>.

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection. The device complies with RF specifications when the device used at 20 cm from your body.

Canadian Compliance Statement

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

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

Radiation Exposure Statement:

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

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

Safety Information



- Keep the device away from water, fire, humidity, or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use the device where wireless devices are not allowed.
- Only use the control provided with or specified by these instructions to control this device. Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

WARNING:




- RISK OF ELECTRIC SHOCK OR BURNS. Switch OFF the light switch controlling the bulb and WAIT for the bulb to cool down before attempting to change it.
- Do not install the Smart Bulb with wet hands or when standing on wet or damp surfaces.
- Compatible with regular light switches. Not suitable for use with standard in-wall dimmers. Not compatible with photosensors, motion sensors, or timers. Dimmable via the app only.
- NOT for use in totally enclosed or recessed luminaires. Suitable for damp locations.
- NOT FOR EMERGENCY LIGHTING.
- The increased weight may reduce the mechanical stability of certain luminaires and lamp holders and may impair contact-making and lamp retention.

- Operating Temperature: -15~40(5~104)
- Storage Temperature: -20~70(-4-158)
- Operating Humidity: 10%~90%RH, Non-condensing
- Storage Humidity: 10%~90%RH, Non-condensing








Explanation of the symbols on the product label Symbol

Symbol	Explanation
	Indoor use only
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>

Documents / Resources

	tp-link Kasa Smart Light Bulb [pdf] User Manual Kasa Smart Light Bulb, KL50, KL60
	tp-link Kasa Smart Light Bulb [pdf] User Manual Kasa Smart Light Bulb, KL110, KL120, KL130
	tp-link Kasa Smart Light Bulb [pdf] User Guide Kasa Smart Light Bulb, KL110B, KL130B

References

-  [Link: Simple, secure one-click payments](#)
-  [CE Regulatory Compliance | TP-Link](#)
-  [WiFi Networking Equipment for Home & Business | TP-Link](#)
-  [WiFi Networking Equipment for Home & Business | TP-Link](#)
-  [CE Regulatory Compliance | TP-Link](#)
-  [TP-Link Product Support - Wireless Networking Equipment Support](#)
-  [TP-Link Product Support - Wireless Networking Equipment Support](#)