SMART HOME LABS

RoboSmart™ Lighting System

Background
The RoboSmart lighting system provides a remote control style architecture to home automation. While other home automation solutions have centralized controllers the RoboSmart system relies exclusively on the wireless Bluetooth (BT 4.0) radio in your smart phone, tablet, or other device, to communicate directly to the RoboSmart device.

You should expect a range of over 200 ft line of sight or through a couple of interior walls non line of sight. BT 4.0 is designed to coexist with any existing Wi-Fi network to allow simultaneous operation.

Please review the Passkey section for important information.

RoboSmart Light Bulb Hardware

Installation
To install your RoboSmart light bulb, first ensure the light switch is in the off position. Second, screw the RoboSmart light bulb into the fixture or light socket. The area around the RoboSmart light bulb should be clear 2" in every direction, to allow effective cooling of the bulb.

CAUTION
In operation the RoboSmart light bulb will have hot surfaces, so handle with care while the bulb is lit or has been recently turned off after a long period of use.

Smart Lights™ Application

App Setup
Control of the RoboSmart light bulb requires the Smart Lights App, available on the Apple App Store, to be installed and running on an iOS mobile device enabled with BT 4.0. (Please see device compatibility section for further information). Go to the Apple iTunes store and search for "Smart Lights". Select the Smart Lights App by Smart Home Labs, Inc.

Starting the App
The Smart Lights App will scan, indicated by a rotating radar screen on the user interface (UI), for nearby RoboSmart lights and accessories. After a short period of time it will automatically connect to the nearest bulbs it detects. The App in conjunction with the wireless capabilities of the smart phone will maintain the connections and security once configured.

Smart Lights Main View
From the Smart Lights Main View you will be able to control and configure your RoboSmart light bulb. By tapping the bulb icon on the screen you will be able to turn the RoboSmart light bulb on and off. Dragging the slider right or left will set the illumination brightness linearly. From the Smart Light's Main View, you can select an individual light bulb to access it's Detail View.

Smart Lights Detail View
Listed in the Detail View for each RoboSmart Light bulb are various names for each light. At the most detailed level, you can assign an individual name to each light bulb. Each name is limited to 14 characters. There are also options to assign a Group or Room name.

Smart Lights Timer View
In the Timer View of the Smart Lights App, you can enter a start time when you would like the light to turn on, and a stop them when you would like the light to turn off. The dimmer control in the Timer View allows you to set the brightness level during the time the light automatically turns on..

Smart Lights Advanced View
From the Detail View you can access the Advanced View, which will prompt you to pair the App to the RoboSmart light Bulb. Pairing is achieved by entering in the RoboSmart bulb's passkey. The default passkey is located on a sticker attached to the bulb. Pairing is the process to create a secure connection between the App and the RoboSmart light bulb. Once you have a secure connection you will be able to change the passkey to any 6 digit number that you desire for your ultimate security.
A benefit of being paired to your RoboSmart light bulb is the ability to make the light bulb "Private". When the RoboSmart light bulb is configured as Private, it does not allow non-paired Apps to control the bulb.

IMPORTANT!!

Passkey
You must remember your passkey.
Your default passkey to your RoboSmart light bulb is on a label placed on the bulb. We suggest you remove the sticker and write it down or save it in a secure location. You can give the passkey to anyone else in your household that you want to allow to program the Advanced View features of the bulb.

Smart LIghts Settings View
From the Main View you can access the Settings view by pressing on the upper left icon. In the Settings View you can enable “Show My Bulbs”, which lists only devices that your App is paired to.

When you select “About Smart Lights”, it will show the Smart Lights App revision, and easy access to our website

Device Compatibility

- Phone 4S or later
- iPad Gen 3 or later
- iPad Mini
- iPod Touch Gen 5 or later

BT 4.0 Radio
Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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 in-stalled 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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

About Us
Smart Home Labs is dedicated to innovative design and technologies that create cost-effective, long-lasting, energy-efficient LED lighting solutions for consumers and businesses. The company is privately held (incorporated as Smart Home Labs) and headquartered in Los Gatos, California. For the latest information about e RoboSmart light bulb and other RoboSmart products, please visit:

www.smarthome-labs.com

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