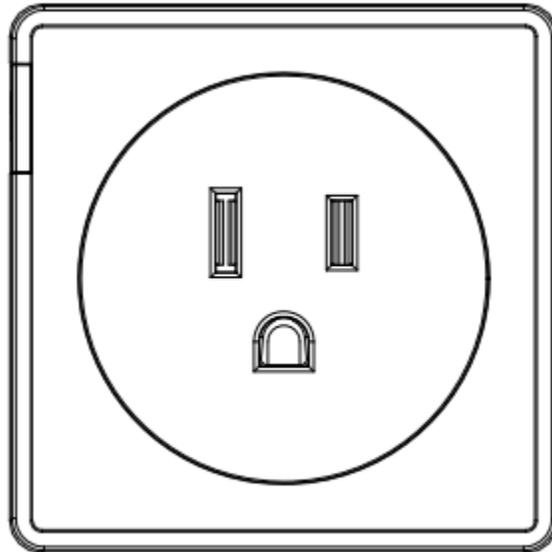


# MONOPRICE

## Wireless Smart Plug



P/N 27937

## User's Manual

# CONTENTS

SAFETY WARNINGS AND GUIDELINES .....	3
INTRODUCTION.....	3
FEATURES.....	3
PRODUCT OVERVIEW .....	4
APP INSTALLATION AND LOGIN .....	4
Register Using Your Phone Number.....	5
Register Using Your Email Address .....	6
EZ MODE PLUG INSTALLATION.....	6
AP MODE PLUG INSTALLATION.....	7
PLUG CONTROL SCREEN .....	8
SCHEDULING.....	9
TIMER .....	9
REMOVING THE PLUG.....	10
INDICATOR STATES .....	11
TECHNICAL SUPPORT.....	11
SPECIFICATIONS.....	12
REGULATORY COMPLIANCE.....	13
Notice for FCC.....	13
RF Exposure Statement for FCC.....	13
Notice for Industry Canada.....	13
Radio Notice for Industry Canada .....	14
RF Exposure Statement for Industry Canada.....	14

## SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This plug is intended for indoor use only.
- Do not subject the plug to extreme force, shock, or fluctuations in temperature or humidity.
- Ensure that the power output of the wall outlet into which this plug will be installed is between 90~135 VAC, 60 Hz.

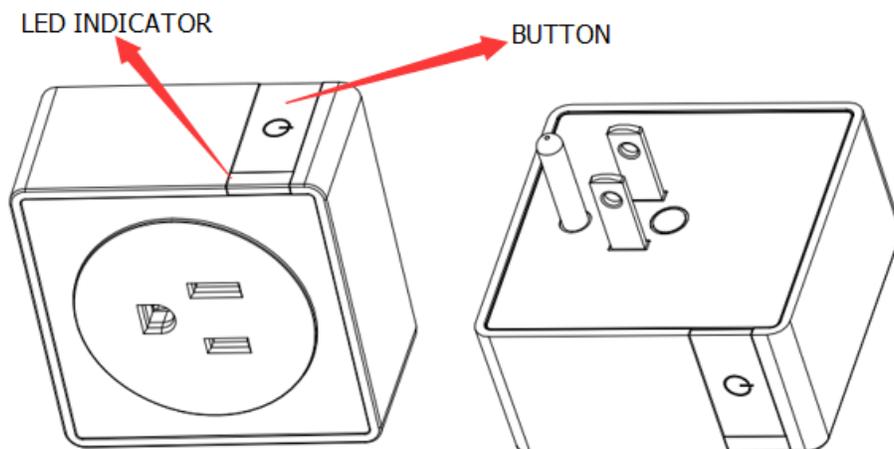
## INTRODUCTION

This Wireless Smart Plug allows you to remotely control a lamp or small appliance in your home using your Android™ or iOS® smartphone or tablet. The plug communicates with your phone through your local wireless network, so you won't need any separate mesh network hubs or controllers, such as Z-Wave®. This allows you to control the plug by voice using your Amazon Alexa™ or Google Home™. It can be scheduled to turn on or off at specific times, to change state after a specific period of time, and can report electric usage statistics. It supports up to 15 amps / 1800 watts of power at 120 VAC, 60 Hz.

## FEATURES

- Remotely control the plug using a free app for your Android™ or iOS® smartphone or tablet
- Supports up to 15 amps / 1800 watts of power at 120 VAC, 60 Hz
- Plug can be scheduled to turn on or off, or change state after a specified amount of time
- Accumulates and can display electric usage statistics
- Compatible with Amazon Alexa™ and Google Home™ voice control
- Supports scene control and works with other "smart" devices

## PRODUCT OVERVIEW



## APP INSTALLATION AND LOGIN

You will need to install and configure the free Simple Home app on your smartphone or tablet before you can control or schedule the bulb.

1. Download and install the "Simple Home Connect" app from Google Play™ or the App Store. Scan one of the two QR codes below for to go directly to the app page in the appropriate store.



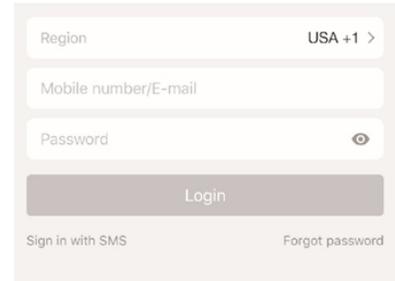
Android™



iOS®

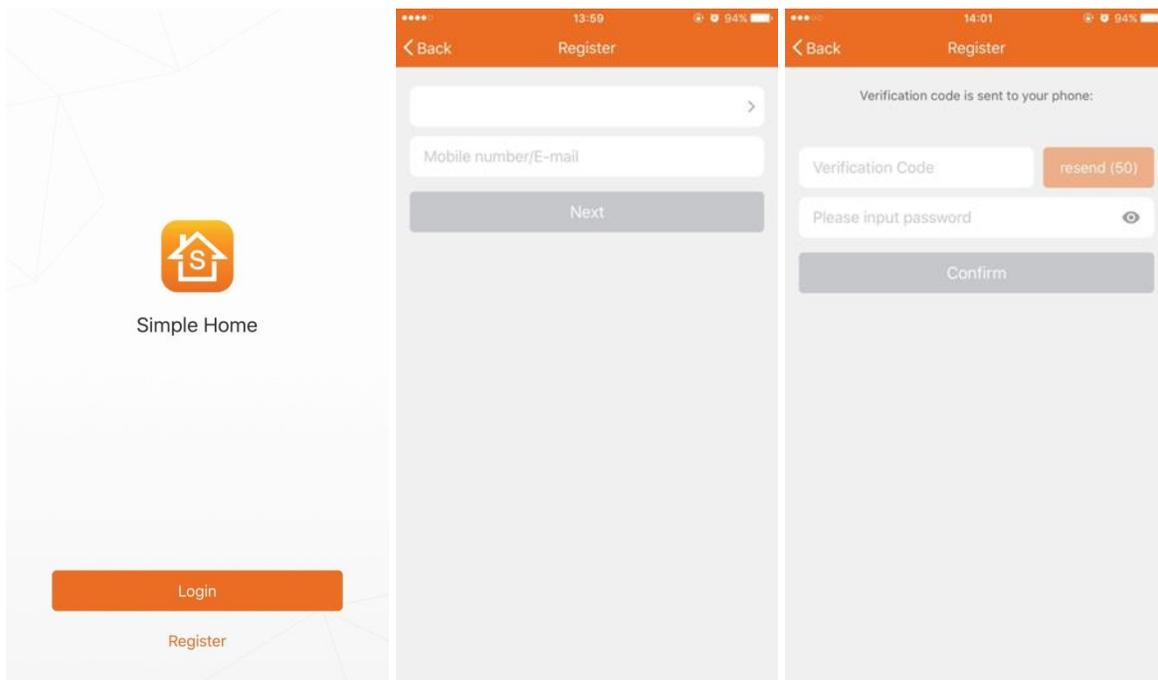
2. Once the app is installed, launch it.

3. If you have already used the Simple Home app, tap the **Login** button, then enter your login with your Simple Home account information. If you have not installed and used the Simple Home app before, you will need to register with the Simple Home software. You can do this in one of two ways:



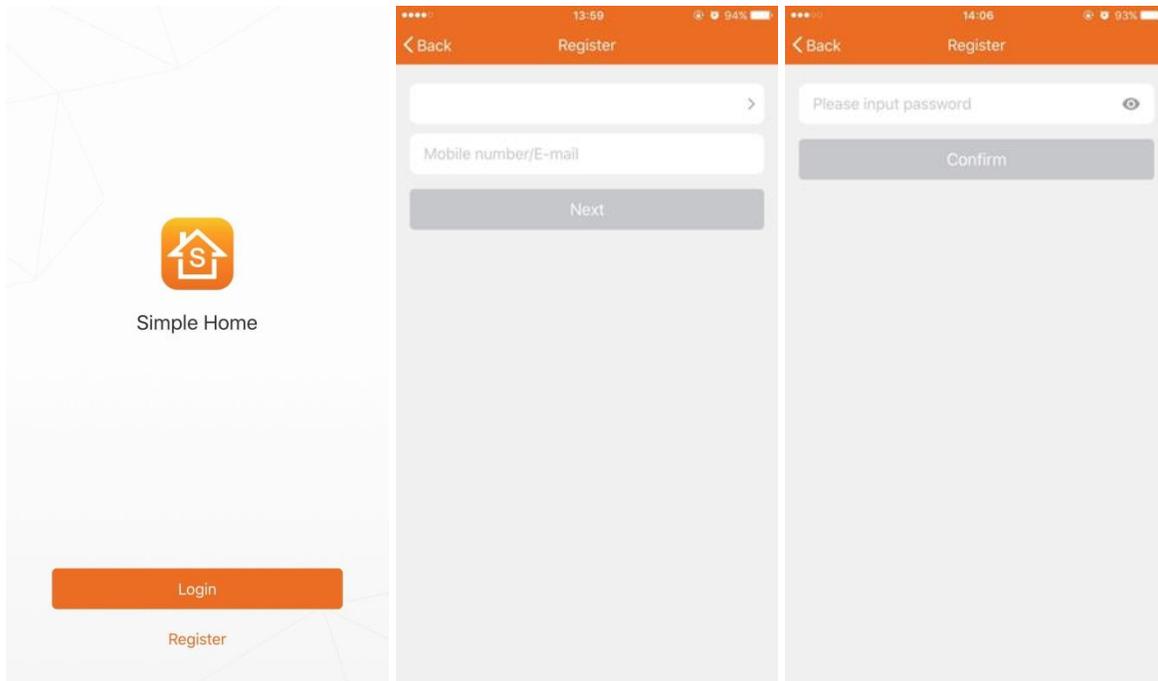
## Register Using Your Phone Number

- a. Tap **Register** on the opening screen.
- b. Enter your phone number in the **Mobile number / Email** field. Tap the **Next** button. Within 60 seconds an SMS message will be sent to your phone.
- c. Enter the verification code that was sent to your phone in the **Verification Code** field.
- d. Enter a password for the Simple Home software in the **Please input password** field, then tap the **Confirm** button. The password must contain 6-20 characters and must include at least one number.



## Register Using Your Email Address

- a. Tap **Register** on the opening screen.
- b. Enter your email address in the **Mobile number / Email** field. Tap the **Next** button.
- c. Enter a password for the Simple Home software in the **Please input password** field, then tap the **Confirm** button. The password must contain 6-20 characters and must include at least one number.



## EZ MODE PLUG INSTALLATION

EZ mode is the default mode for installing the Smart Plug. It uses your wireless network to communicate between your smartphone and the Smart Plug. If you do not have a wireless network or do not wish to include the bulb in your network, see the *AP MODE PLUG INSTALLATION* section.

1. Plug the Smart Plug into an AC power outlet.
2. Ensure that the Simple Home app is active on your smartphone or tablet.
3. Tap the **+** in the upper right corner of the *Add Devices* screen to add a device to the Simple Home app.

4. Select the **Smart Plug** option. The LED Indicator on the Smart Plug should begin blinking green rapidly, indicating that it is ready to be added in EZ mode. If it does not, press and hold the button on the Smart Plug for 5 seconds. The indicator will begin blinking green rapidly.
5. Tap the **Confirm indicator rapidly blink** button on your phone.
6. Enter your wireless password to log into your wireless network, then tap **Confirm** to continue. The app will start connecting with the plug.
7. Once the plug and the app are synchronized into the network, the app will inform you that the device was successfully added. Tap **Done** to continue. You will be left on the *Plug Details* screen.

## AP MODE PLUG INSTALLATION

AP mode differs from EZ mode in that it does not use your wireless network to manage the communications between your smartphone and the Smart Plug. Instead, it connects your phone's wireless directly to the plug's built-in wireless.

1. Plug the Smart Plug into an AC power outlet.
2. Ensure that the Simple Home app is active on your smartphone or tablet.
3. Tap the + in the upper right corner of the *Add Devices* screen to add a device to the Simple Home app.
4. Select the **Smart Plug** option.
5. Tap the **AP Mode** entry at the top right. The LED indicator should begin blinking yellow slowly, indicating that it is ready to be added in AP mode.

If it is not blinking at all, press and hold the button for 5 seconds. The indicator will begin blinking green rapidly.

If it is blinking green rapidly, press and hold the button for 5 seconds. The indicator will begin blinking yellow slowly.

6. Tap the **Confirm indicator slowly blink** button on your phone.

7. Tap the **Change network** link, then select the **SmartLife-E8F0** entry and tap **Connect now** to continue. The app will begin connecting to the Smart Plug.
8. Once the plug and the app are synchronized into the network, the app will inform you that the device was successfully added. Tap **Done** to continue.
9. You will be left on the *Plug Details* screen.

## PLUG CONTROL SCREEN

Once you have the plug installed to the app and your network, it will be listed on the *Connected Devices* screen. You can control the plug in the following ways:

- While on the *Connected Devices* screen, tap the power button on the plug entry to turn it on or off.
- If you tap the plug entry on the *Connected Devices* screen, the display will change to the *Plug Details* screen, with a plug icon in the middle.
- While on the *Plug Details* screen, you can tap the plug icon to turn the plug on or off.
- While on the *Plug Details* screen, tap the **Schedule** icon at the bottom of the screen to display the *Schedule* screen. See the *SCHEDULING* section for more details on scheduling.
- While on the *Plug Details* screen, tap the **Timer** button at the bottom of the screen to set the timer. See the *TIMER* section for more details.
- While on the *Plug Details* screen, tap the **Statistics** button at the bottom of the screen to display various electrical usage statistics.
- While on the *Plug Details* screen, tap the three vertical dots in the upper right corner to access the *Device Control* screen, which allows you to rename the plug/device and remove the device from the network, as well as several other options.
- While on the *Plug Details* screen, tap the back arrow in the upper left corner or the back button to return to the *Connected Devices* screen.

## SCHEDULING

You can schedule the plug to independently turn on or off at specific times. You can schedule a one-time event or a repeating series of events, as simple or complex as you like. Perform the following steps to schedule events for the bulb.

1. From the *Connected Devices* screen, tap the plug entry to display the *Plug Details* screen.
2. Tap the **Schedule** icon at the bottom of the screen.
3. Tap the **Add Schedule** button at the bottom of the screen.
4. The display will show two time wheels at the top, one on the left for the hour and one on the right for the minutes. Drag the wheels up or down to set the time the event will occur.
5. If you want the event to occur more than once, tap the **Repeat** button, then tap each day of the week that this event will occur at the specified time. Tap the back arrow in the upper left to return to the *Schedule* screen.
6. Tap the **Switch** button, then select whether the scheduled event will turn the plug on or off at the specified time.
7. Tap **Save** in the upper right corner to save your scheduled event.
8. The *Schedule* screen will show the event details. If you want to create more events, repeat steps 3-7 above.

## TIMER

You can set a countdown timer, which will change the state of the plug from on to off or from off to on when the timer reaches zero. Perform the following steps to use the timer.

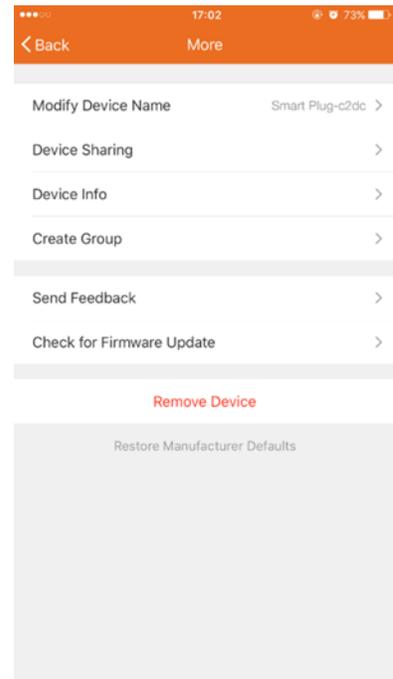
1. Turn the plug on or off to set the initial state.
2. From the *Connected Devices* screen, tap the plug entry to display the *Plug Details* screen.
3. Tap the **Timer** icon at the bottom of the screen.

4. The display will show two time wheels, with the one on the left representing the number of hours and the one on the right representing the number of minutes. Drag the wheels up or down to set the amount of time before the plug will change state.
5. Tap the **Set** button.
6. After the specified amount of time has elapsed, the plug will turn off, if it was initially on, or will turn on, if it was initially off.

## REMOVING THE PLUG

*Warning! Removing the plug from your network will clear all the settings and schedules stored in the plug's internal memory.*

1. Start the Simple Home app. You will be left on the *Connected Devices* screen.
2. Tap the plug entry to display the *Plug Details* screen.
3. Tap the three vertical dots in the upper right corner of the screen to display the *Device Control* screen.
4. Tap the **Remove Device** button at the bottom of the list.
5. If you are sure you want to remove the Smart Plug from your network, tap the **Confirm** button, then tap it again. The indicator should begin blinking green rapidly, indicating that it is ready to be added to the network in EZ mode.



## INDICATOR STATES

The LED indicator on the plug will change color to indicate the state of the plug and the power draw on the plug. Note that if the load exceeds 1800 watts, the indicator will flash purple for 10 seconds, then the plug will shut off its output.

State / Power Level	LED Color
Plug is Off	Pink
0 ~ 300 watts	Blue
300 ~ 600 watts	Cyan
600 ~ 900 watts	Green
900 ~ 1200 watts	Yellow
1200 ~ 1500 watts	Red
1500 ~ 1800 watts	Purple

## TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website [www.monoprice.com](http://www.monoprice.com) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to [tech@monoprice.com](mailto:tech@monoprice.com)

## SPECIFICATIONS

Model	27937
Input Power	90 ~ 135 VAC, 60 Hz
Maximum Current	15 amps
Maximum Power Draw	1800 watts
Power Loss	≤ 1 watt
Radio Protocol	IEEE 802.11 b/g/n
Radio Frequency	2.4 ~ 2.484 GHz
Transmit Power	802.11b: 18dBm ±2dBm 802.11g: 15dBm ±2dBm 802.11n: 15dBm ±2dBm
Sensitivity	802.11b: -91dBm@11Mbps 8% PER 802.11g: -75dBm@54Mbps 10% PER 802.11n: -72dBm@MCS7_HT20 10% PER
Supported Encryption Types	WEP, TKIP, AES, WPS
Amazon Alexa Voice Control	Supported
Google Home Assistant Voice Control	Supported
Operating Temperature	+14 ~ +104°F (-10 ~ +40°C)
Storage Temperature	-4 ~ +140°F (-20 ~ +60°C)

## REGULATORY COMPLIANCE

### Notice for FCC



Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class A digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial 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. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

### RF Exposure Statement for FCC

Caution 

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operated in conjunction with any other antenna or transmitter.

### Notice for Industry Canada

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

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## Radio Notice for Industry Canada

### Caution

This IC RSS-210 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

This device complies with IC RSS-210. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## RF Exposure Statement for Industry Canada

### Caution

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operated in conjunction with any other antenna or transmitter.

*Android™, Google Play™, and Google Home™ are trademarks of Google Inc.*

*IOS® is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.*

*Z-Wave® and Z-Wave Plus® are registered trademarks of Sigma Designs and its subsidiaries in the United States and other countries.*

*Amazon™ and Alexa™ and all related logos are trademarks of Amazon.com, Inc. or its affiliates.*