



## Shelly E910 Plus Plug It Wi-Fi Smart Plug User Guide

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### USER AND SAFETY GUIDE SHELLY PLUS PLUG IT WI-FI SMART PLUG

#### Read before use

This document contains important technical and safety information about the device, its safety use and installation.

⚠ **CAUTION!** Before beginning the installation, please read carefully and entirely this guide and any other documents accompanying the device. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of law or refusal of legal and/or commercial guarantee (if any). Allterco Robotics EOOD is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure of following the user and safety instructions in this guide.

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#### Product Introduction

Shelly® is a line of innovative microprocessor-managed devices, which allow remote control of electric circuits through a mobile phone, tablet, PC, or home automation system. Shelly® devices can work standalone in a local Wi-Fi network or they can also be operated through cloud home automation services. Shelly Cloud is a service that can be accessed using either Android or iOS mobile application, or with any internet browser at <https://home.shelly.cloud/>. Shelly® devices can be accessed, controlled and monitored remotely from any place

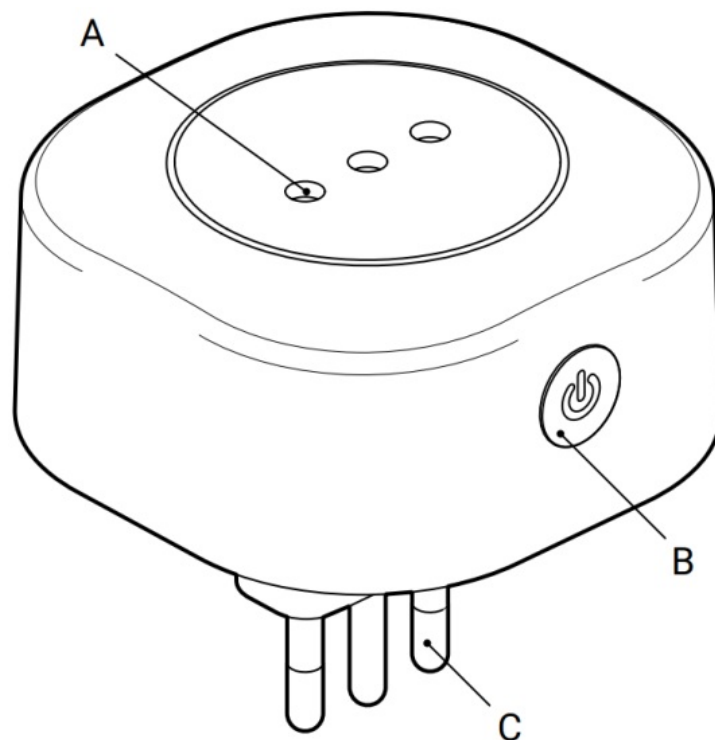
where the user has internet connectivity, as long as the devices are connected to a Wi-Fi router and the Internet. Shelly® devices have Embedded Web Interface accessible at <http://192.168.33.1> when connected directly to the device access point, or at the device IP address on the local Wi-Fi network. The embedded Web Interface can be used to monitor and control the device, as well as adjust its settings.

Shelly® devices can communicate directly with other Wi-Fi devices through HTTP protocol. An API is provided by Allterco Robotics EOOD. For more information, please visit: <https://shelly-api-docs.shelly.cloud/#shelly-family-overview>.

Shelly® devices are delivered with factory-installed firmware. If firmware updates are necessary to keep the devices in conformity, including security updates, Allterco Robotics EOOD will provide the updates free of charge through the device Embedded Web Interface or the Shelly mobile application, where the information about the current firmware version is available. The choice to install or not the device firmware updates is the user's sole responsibility. Allterco Robotics EOOD shall not be liable for any lack of conformity of the device caused by failure of the user to install the provided updates in a timely manner.

Shelly Plus Plug IT (The Device) is a smart plug/outlet with power measurement and overheating protection, which allows remote control of electric appliances through a mobile phone, tablet, laptop, or home automation system. It can work standalone in a local Wi-Fi network or it can also be operated through cloud home automation services.

### Schematic



### Legend

- A: Socket
- B: Control button with LED indication
- C: Plug

### Installation Instructions

⚠ **CAUTION!** The product is intended for indoor use only.

⚠ **CAUTION!** Protect the product from dirt and moisture! Do not use the product in a damp environment!

⚠ **CAUTION!** Do not allow children to play with the device, especially with the control button!

⚠ **CAUTION!** Use the Device only with a power grid and appliances which comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device may damage it.

⚠ **CAUTION!** Do not connect the Device to appliances exceeding the given max load!

⚠ **CAUTION!** Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury.

Insert Shelly Plus Plug IT into a power socket without an appliance/load connected to it.

The LED indication will start flashing with a blue light, indicating the Device is in Access Point (AP) mode. You can access the embedded web interface at <http://192.168.33.1> in the Wi-Fi network, created by the Device (ShellyPlugIT-XXXXXXXXXX) and use it to control the Device and change its settings.

You can now plug an appliance into the Device socket.

To turn the appliance on, press briefly the control button. The LED indication light will change to red. Press the control button again to turn the appliance off. The LED indication will return to its previous status.

## Cleaning

**⚠CAUTION!** Before cleaning the Device, power off the connected appliance, unplug it and only then unplug the Device. Never clean the Device if it is connected to the mains! Use a wet soft cloth to clean the Device.

**⚠CAUTION!** Do not use aggressive detergents!

**⚠CAUTION!** Do not immerse the Device or wash it under running water!

## Disposal and recycling

This refers to the waste of electrical and electronic equipment. It is applicable in the EU, US and other countries to collect waste separately.



This symbol on the product or in the accompanying literature indicates that the product should not be disposed of in the daily waste. Shelly® Plus Plug IT must be recycled to avoid possible damage to the environment or human health from uncontrolled waste disposal and to promote the reuse of materials and resources. It is your responsibility to dispose of the device separately from general household waste when it is already unusable.

## Initial Inclusion

If you choose to use the Device with the Shelly Cloud mobile application and Shelly Cloud service, instructions on how to connect the Device to the Cloud and control it through the Shelly App can be found in the “App Guide” at [www.shelly.cloud/app-guide](http://www.shelly.cloud/app-guide).

The Shelly mobile application and Shelly Cloud service are not conditions for the Device to function properly. This Device can be used standalone or with various other home automation platforms and protocols.

**⚠CAUTION!** Do not allow children to play with the buttons/switches connected to the Device. Keep the devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.

## LED indication

- Blue flashing quickly: AP Mode
- Blue flashing slowly: Connected to a Wi-Fi network
- Blue still: Connected to Shelly Cloud
- Red still: Power supplied to the plugged appliance
- Red flashing slowly: Reboot initiated (Power button pressed and held for 5 sec.)
- Red flashing quickly: Factory reset initiated (Power button pressed and held for 10 sec.)
- Red and Blue flashing alternately: Firmware update

## Control button

- Press to turn on/off the plugged appliance.
- Press and hold for 5 sec to activate Device AP
- Press and hold for 10 sec to factory reset

## Specification

- Dimensions (HxWxD): 70x70x70 mm
- Weight: 105 g
- Compatible sockets: CEI 23-16 / IT1-10P (Type L)
- Compatible plugs: CEI 23-16 / IT1-10P (Type L), CEE 7/16 (Type C)
- Ambient temperature: from -20 °C to 40 °C
- Humidity 30 % to 70 % RH
- Max. altitude 2000 m
- Power supply: 230 V AC  $\pm 10\%$  , 50/60 Hz
- Electrical consumption: < 1 W
- Max. current: 10 A
- Max. power: 2300 W (resistive load only)
- Overheating protection: Yes
- Overload protection: Yes
- Power measurement: Yes
- RF band: 2401 – 2495 MHz
- Max. RF power: < 20 dBm
- Wi-Fi protocol: 802.11 b/g/n
- Wi-Fi operational range (depending on local conditions):
  - up to 50 m / 160 ft outdoors
  - up to 30 m / 100 ft indoors
- Bluetooth protocol: 4.2
- Bluetooth operational range (depending on local conditions):
  - up to 30 m / 100 ft outdoors
  - up to 10 m / 33 ft indoors
- CPU: ESP32
- Flash: 4 MB
- Schedules: 20
- Webhooks (URL actions): 20 with 5 URLs per hook
- Scripting: mJS
- MQTT: Yes

## Declaration of conformity

Hereby, Allterco Robotics EOOD declares that the radio equipment type Shelly Plus Plug IT is in compliance with Directive 2014/53/EU, 2014/35/ EU, 2014/30/EU, 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://shelly.link/plus-plug-it-DoC>

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Changes in the contact information data are published by the Manufacturer on the official website. <https://www.shelly.cloud>

All rights to the trademark Shelly® and other intellectual rights associated with this Device belong to Allterco Robotics EOOD.

## Documents / Resources

	<p><a href="#">Shelly E910 Plus Plug It Wi Fi Smart Plug</a> [pdf] User Guide</p> <p>E910 Plus Plug It Wi Fi Smart Plug, E910, Plus Plug It Wi Fi Smart Plug, Wi Fi Smart Plug, Smart Plug</p>
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## References

- [Shelly Home](#)
- [Welcome to Shelly Technical Documentation | Shelly Technical Documentation](#)
- [User Manual](#)

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