Manuals+ — User Manuals Simplified.

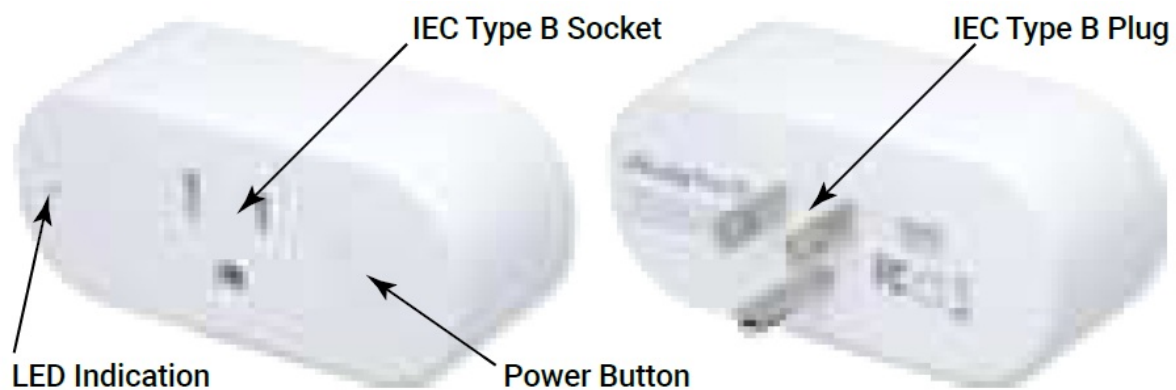# Shelly B096W3ZZDD Plus Plug US User Guide

Shelly B096W3ZZDD Plus Plug US

USER AND SAFETY GUIDE

Read before use

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

Shelly® Plus Plug US (the Device) by Alterio Robotics EOOD is a smart plug suitable for controlling electrical house-hold appliances and measuring their power consumption. It can be plugged into standard IEC Type B sockets and accepts standard IEC Type B plugs.

CAUTION! Before using the device, please read this guide and any other documents accompanying the Device care-fully and completely. Failure to follow the installation procedures could lead to mal-function, danger to your health and life, violation of the law or refusal of legal and/or commercial guarantee (if any). Alterio Robotics EOOD is not responsible for any loss or damage in case of incorrect installation or in this guide.

Introduction to Shelly

Shelly® is a line of innovative microprocessor-managed devices, which allows remote control of electric appliances 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® devices can be accessed, controlled and monitored remotely from any place the user has Internet connec-tivity, as long as the devices are con-nected to a Wi-Fi router and the Internet. Shelly® devices have integrated web servers, through which the user can ad-just, control and monitor them. The cloud function could be used, if it is activated through the web server of the device or the settings in the Shelly Cloud mobile application. The user can register and access Shelly Cloud using either Android or iOS mobile application, or with any in-ternet browser at
https://my.shelly.cloud/.
Shelly® Devices have two Wi-Fi modes – Access Point (AP) and Client mode (CM). To operate in Client Mode, a Wi-Fi router must be located within the range of the device. Shelly® devices can communicate directly with other Wi-Fi devices through HTTP protocol. An API is provided by Alterio Robotics EOOD.

For more information, please visit: **https://shelly-api-docs.shelly**.
cloud/#shelly-family-overview.

Control your home with your voice Shelly® devices are compatible with Amazon Alexa and Google Home. Please see our step-by-step guide on:
https://shelly.cloud/support/compatibility/.

Usage 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!** Use the Device only with power grid and appliances which com-ply with all applicable regulations.
  Short circuit in the power grid or any appliance connected to the Device may damage it.
- **CAUTION!** Do not connect to the De-vice appliances which exceed the given max load!
- **CAUTION!** Do not allow children to play with the device, especially with the Power button. Keep the devices for
  re-mote control of Shelly (mobile phones, tablets, PCs) away from children.
  Insert Shelly® Plus Plug US into a power socket without an appliance/load connected to it.

The LED will start flashing with a blue
light, indicating the Device is in AP mode. You can access the embedded web interface at http://192.168.33.1 in the Wi-Fi network, created by the Device (Shelly Plug US-XXXXXXXXXXXX) and use it to control the Device and change its settings.
You can now plug an appliance into the Device socket.
To power the appliance on press briefly the Power button.
The LED will turn red. Press the Power button again to power off the appliance.
The LED will return to its previous status.

Initial Inclusion

If you choose to use the Shelly® Plus Plug US with the Shelly Cloud mobile application and Shelly Cloud service, instructions on how to connect the De-vice to the Cloud and control it through the Shelly App can be found in the "App Guide" included in the box.

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 for 5 sec.)
- Red flashing quickly: Factory reset initiated (Power button pressed for 10 sec.)
- Red and Blue flashing alternately: Firm-ware update

Resets

Press and hold the Power button for 5 seconds to restart the Device.
Press and hold the Power button for 10 seconds to restore the Device factory settings.

Cleaning

⚠ **CAUTION!** Before cleaning the Device power off the connected appliance by pressing the Power button, unplug it and then unplug the Device itself. 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 & Recycling

This refers to the waste of electrical and electronic equipment. It is applicable in the 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 US must be recycled to avoid possible damage to the environ-ment 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.

FCC Notes

- 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, and
    2. this device must accept any interference received, including interference that may cause undesired operation.
- The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.
- 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.

RF exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

Specifications

- Dimensions (HxWxD): 1.5×3.3×2.0 in.

- Power supply: 120 VAC ±10%, 60 Hz

- Electrical consumption: < 2 W

- Max load: 15 A

- Working temperature: 14°F to 104 °F

- Radio protocol: WiFi 802.11 b/g/n

- Frequency Wi-Fi: 2400 – 2500 MHz;

- Operational range: up to 165 ft outdoors / 100 ft indoors

- SAR: 1.15 W/Kg

- Bluetooth: v.4.2

- Bluetooth modulation: GFSK, π/4-DQPSK, 8-DPSK

- Bluetooth frequency TX/RX – 2402 – 2480MHz

- Scripting (mjs): YES

- MQTT/REST/UDP/TLS 1.2: YES

- CoAP: No

- URL Actions: 20 with 5 per action

- Schedules: 20

- CPU: ESP32

- Flash: 4 MB

Manufacturer: Allterco Robotics EOOD
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E-mail: support@shelly.cloud
Web: http://www.shelly.cloud
Changes in the contact data are published at the official website of the Manu-
facture: http://www.shelly.cloud
All rights to trademarks Shelly®, and other intellectual rights associated with this Device belong to Alterio Robotics EOOD.

Documents / Resources

Shelly B096W3ZZDD Plus Plug US [pdf] User Guide
3800235265086, B096W3ZZDD, Plus, Plug US, Plus Plug US, B096W3ZZDD Plus Plug US

References

- ↻ **Shelly - Shelly**
- ↻ **Shelly Cloud**
- ↻ **Shelly Smart Control**