3CVR2032 1 Button 4 Actions Shellyblu User Guide

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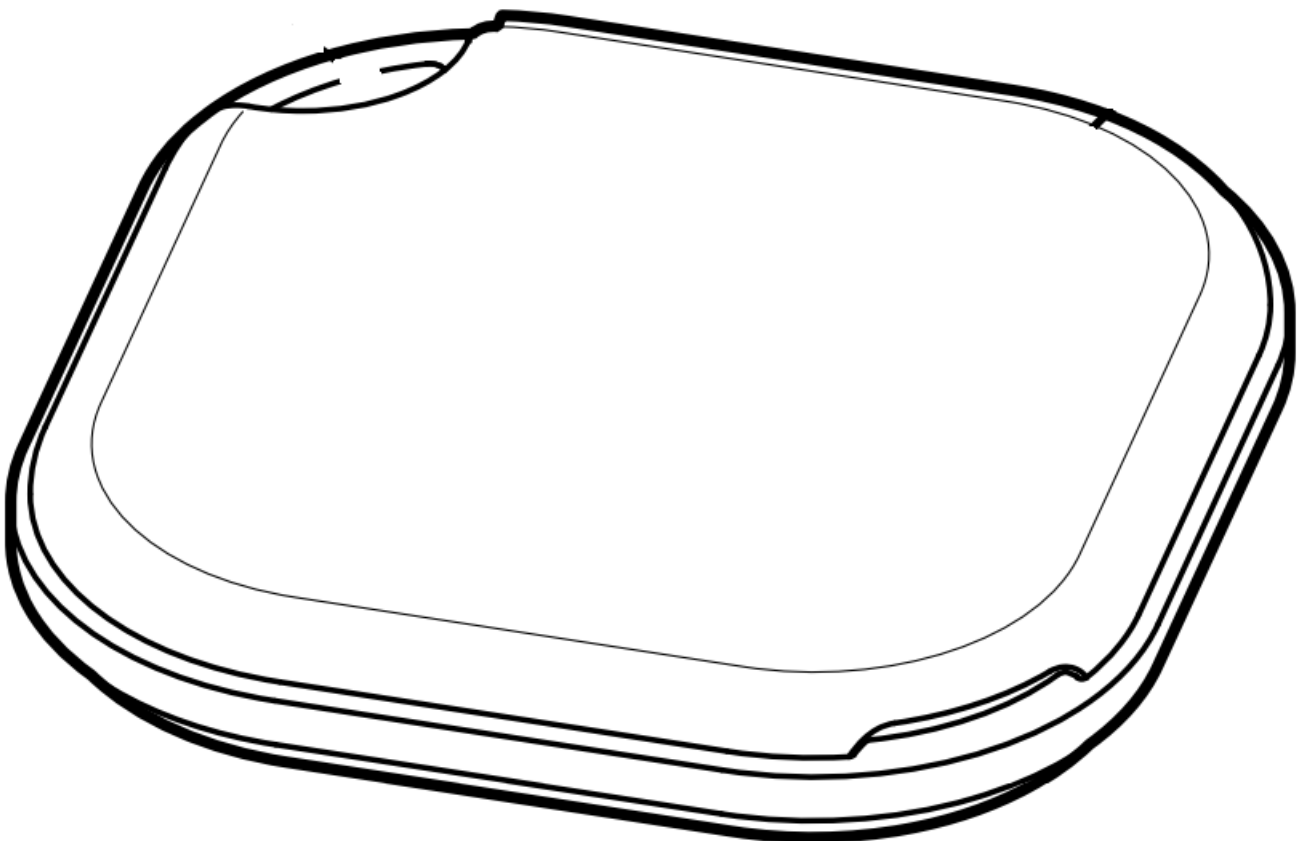
Contents [**hide**]

1 button 4 actions Shelly BLU Button1

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. 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.

Product Introduction

Shelly BLU Button1 (the Device) is a Bluetooth button, which helps you easily activate and deactivate any device or scene with just a click. **(fig.1)**
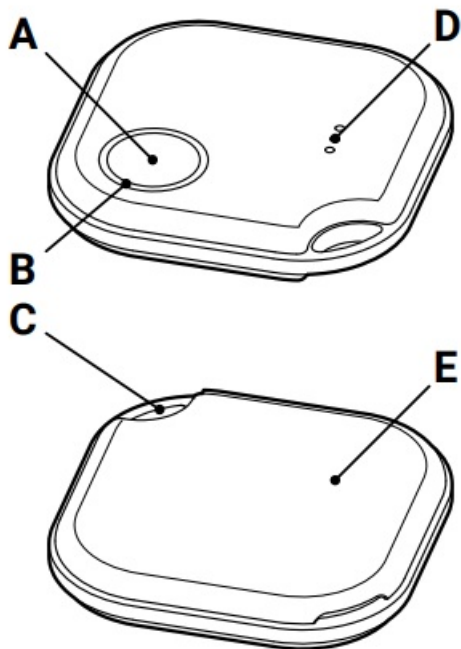
fig. 1

- **A:** Button
- **B:** LED indication ring
- **C:** Key ring bracket
- **D:** Buzzer
- **E:** Back cover

Installation Instructions

⚠**CAUTION!** Keep device away from liquids and moisture. The device shouldn't be used in places with high humidity.
⚠**CAUTION!** Do not use if the Device has been damaged!
⚠**CAUTION!** Do not attempt to service or repair the Device yourself!
⚠**CAUTION!** The Device may be connected wirelessly and may control electric circuits and appliances. Proceed with caution! Irresponsible use of the Device may lead to malfunction, danger to your life or violation of the law.

Inserting the battery

1. Open gently the Device back cover using your thumb nail, screwdriver or another flat object as shown on **fig. 2.**
2. Slide in the supplied battery as shown on **fig. 2.**

   ⚠**CAUTION!** Pay attention to the battery polarity!

3. Replace the back cover by pressing it to the Device as shown on fig. 2 until you hear a clicking sound.

Using ShellyBLU Button1

Pressing the button will cause the Device to start transmitting signals for one second in compliance with the BT Home format. Learn more at **https://bthome.io**.
ShellyBLU Button1 has advanced security feature and supports encrypted mode.
ShellyBLU Button1 supports multi-click – single, double, triple and long press.
The LED indication will emit the same number of flashes as the button presses and the
buzzer – the corresponding number of beeps.
To pair ShellyBLU Button1 with another Bluetooth device press and hold the Device button for 10 sec.
The device will await connection for the next one minute. The available Bluetooth characteristics are described in the official Shelly API documentation at:Using ShellyBLU Button1 Pressing the button will cause the Device to start transmitting signals for one second in compliance with the BT Home format. Learn more at **https://bthome.io.ShellyBLU** Button1 has advanced security feature and supports encrypted mode.
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for 10 sec.
The device will await connection for the next one minute. The available Bluetooth characteristics are described in the official Shelly API documentationat:
https://shelly.link/ble

ShellyBLU Button1 features beacon mode. If enabled, the Device will emit beacons every 8 second, and can be discovered or used for presence detection. This mode allows also remote activating of the Device buzzer for 30 seconds (e.g. to find a lost Device nearby).
To restore the device configuration to factory settings, press and hold the button for 30 seconds short after inserting the battery.

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".
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.

Replacing the battery

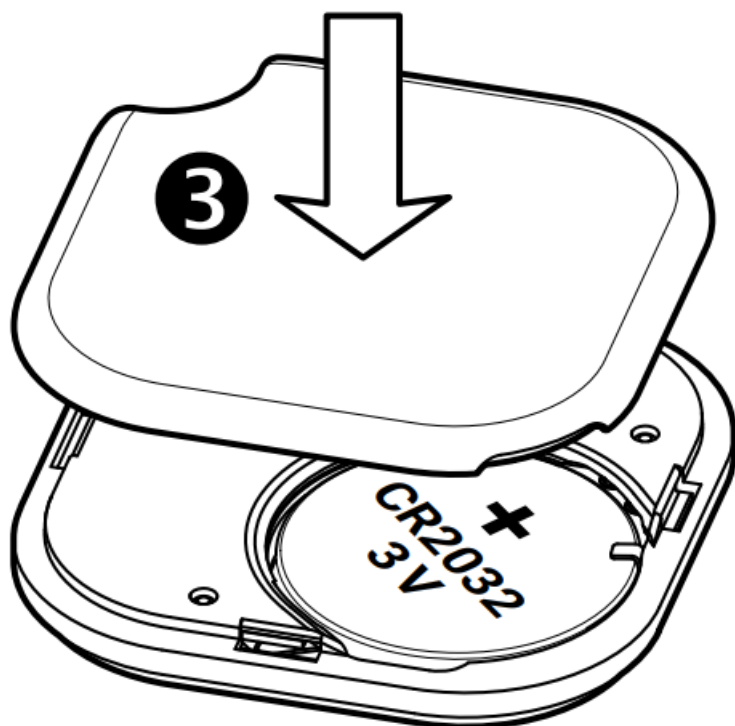1. Open the back cover as shown on **fig. 2.**
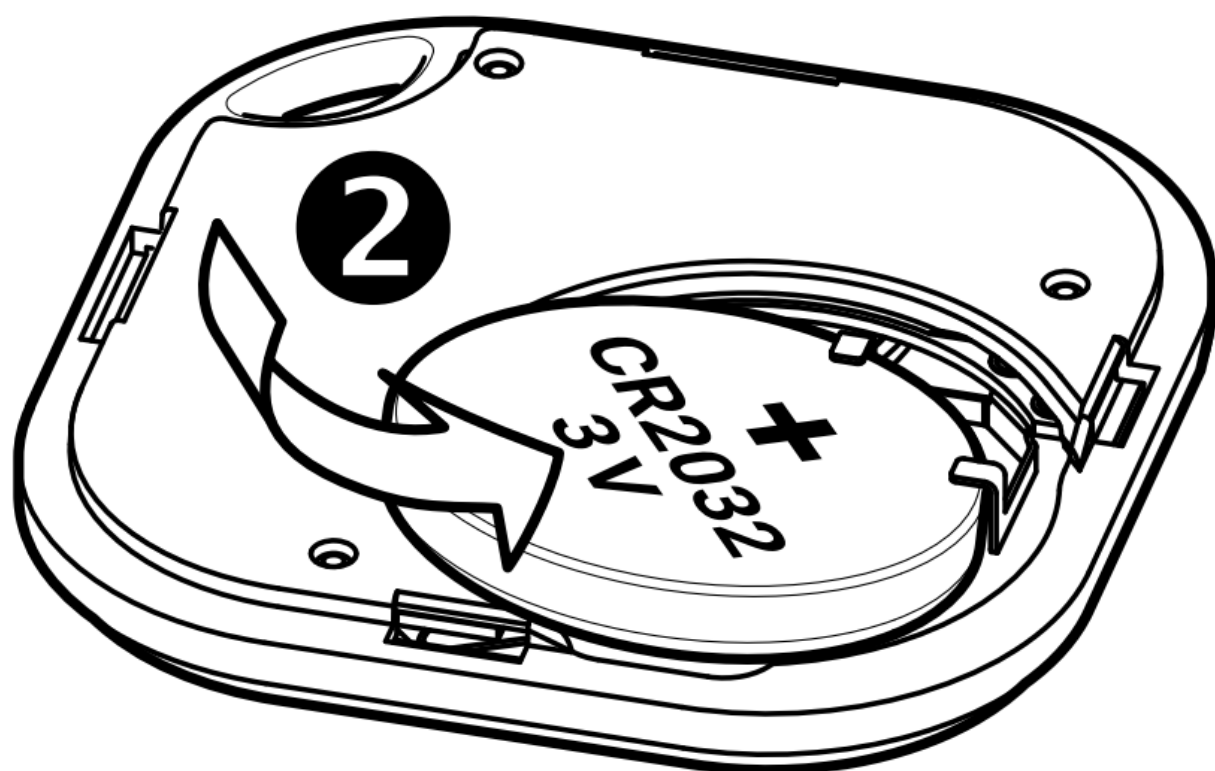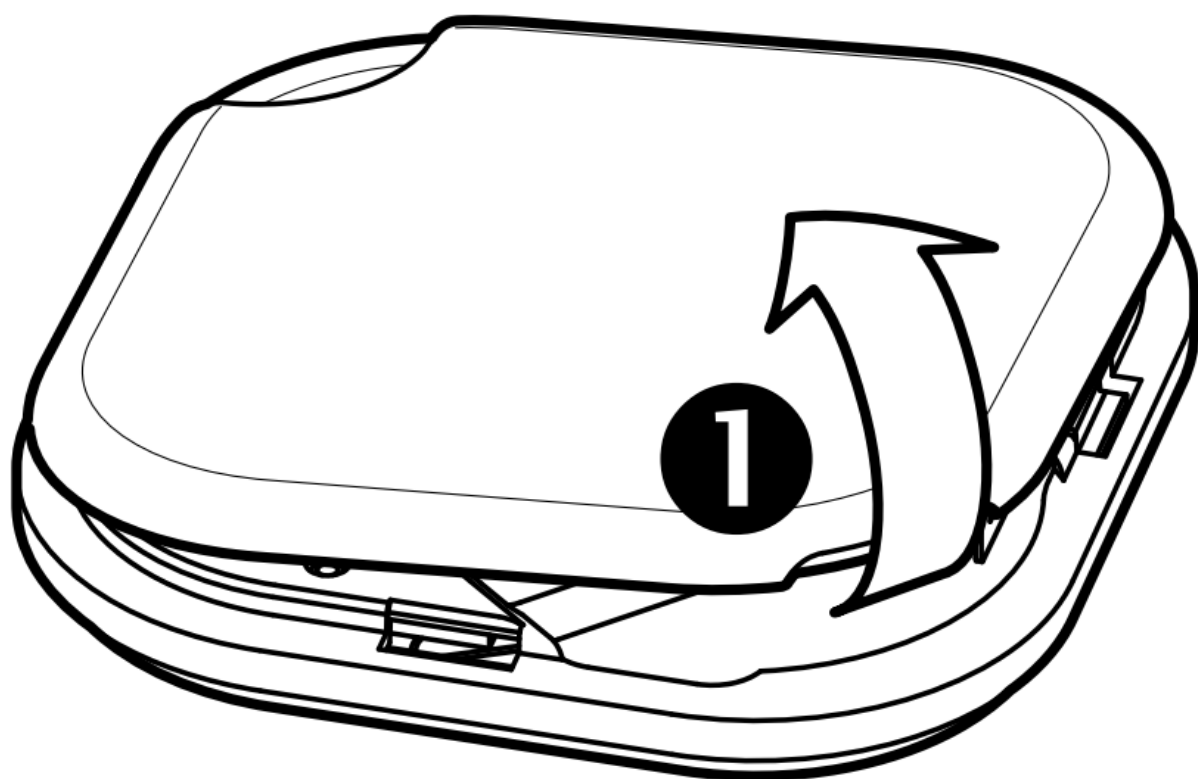
CR2032
3 V

fig. 2

2. Extract the exhausted battery using your thumb nail, screwdriver or another flat object. as shown on **fig. 3.**

fig. 3
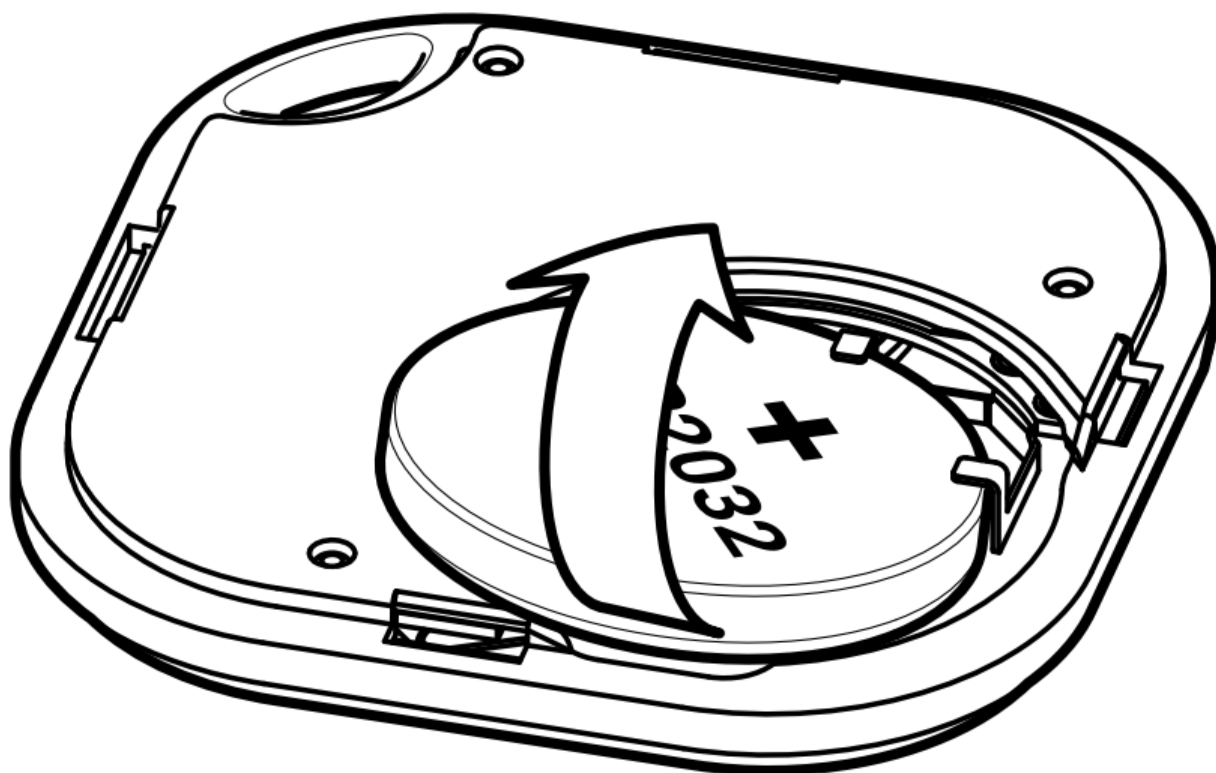
3. Slide in a new battery as shown on f**ig. 2**

   ⚠**CAUTION!** Use only 3 V CR2032 or compatible battery! Pay attention to the battery polarity!

4. Replace the back cover by pressing it to the Device until you hear a clicking sound as shown on fig. 2.

Specifications

- Dimensions: 36x36x6 mm / 1.44x1.44x0.25 in

- Weight with battery: 9 g / 0.3 oz

- Working temperature: -20°C to 40°C

- Humidity 30 % to 70 % RH

- Power supply: 1x 3 V CR2032 battery (included)

- Battery life: up to 2 years

- Multi-click support: Up to 4 possible actions

- Radio protocol: Bluetooth

- RF band: 2400 – 2483.5 MHz

- Max. RF power: < 4 dBm

- Beacon function: Yes

- Encryption: AES encryption (CCM mode)

- Operational range (depending on local conditions):

  - up to 30 m outdoors

  - up to 10 m indoors

Declaration of conformity

Hereby, Allterco Robotics EOOD declares that the radio equipment type ShellyBLU Button1 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/blu-button-1_DoC
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Bulgaria
Tel.: +359 2 988 7435
E-mail: support@shelly.cloud
Official website: **https://www.shelly.cloud** 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

Shelly 3CVR2032 1 Button 4 Actions Shellyblu [pdf] User Guide
3CVR2032 1 Button 4 Actions Shellyblu, 3CVR2032, 1 Button 4 Actions Shellyblu, 4 Actions Shellyblu, Shellyblu

References

-))) **BTHome: Open standard for broadcasting sensor data over Bluetooth LE**
- ↻ **ShellyBLU Button1**
- ↻ **ShellyBLU Button1**
- ↻ **Shelly - Shelly**