



## BL 1 Button 4 Actions Shelly BLU Button 1 User Guide

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**USER AND SAFETY GUIDE**  
**1 button 4 actions**  
**Shelly BLU Button 1**

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**BL 1 Button 4 Actions Shelly BLU Button 1**

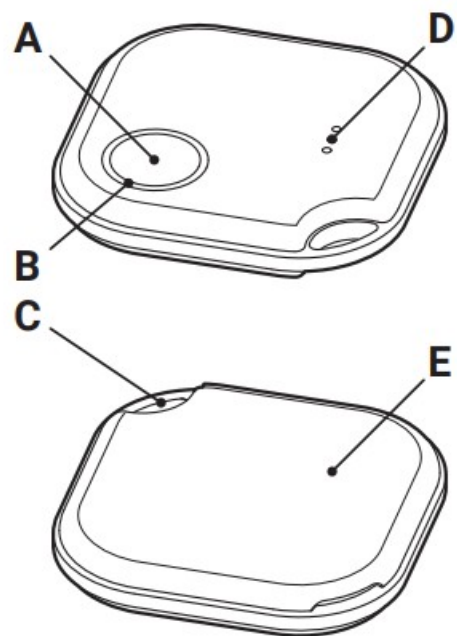


fig. 1

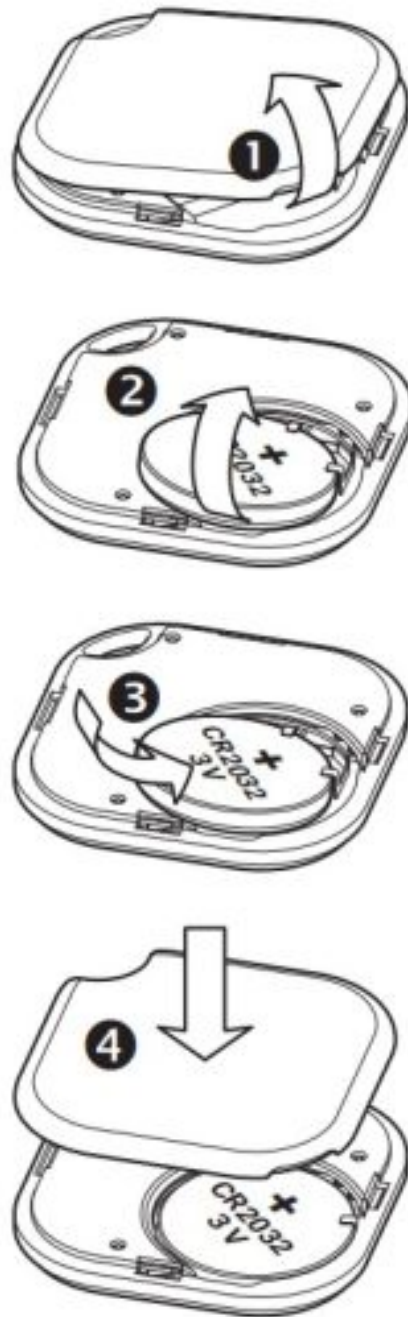


fig. 2

### 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). Shelly Europe Ltd. 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, Shelly Europe Ltd. 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. Shelly Europe Ltd. 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 Button 1 (the Device) is a Blue-tooth button, which helps you easily activate and deactivate any device

or scene with just a click. (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 re-pair 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.

### First steps

Shelly BLU Button 1 comes ready to use with the battery installed..

However, if pressing the button does not trigger a light indication or a beep, you might need to insert a battery. See the Replacing the battery section.

### Using Shelly BLU Button 1

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>.

Shelly BLU Button 1 has advanced security feature and supports encrypted mode.

Shelly BLU Button 1 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 Shelly BLU Button 1 with another Blue-tooth 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: <https://shelly.link/ble>

Shelly BLU Button 1 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 shortly after inserting the battery.

### Initial Inclusion

If you choose to use the Device with the Shelly Smart Control mobile application and cloud service, instructions on how to connect the Device to the Cloud and control it through the Shelly Smart Control app can be found in the mobile application 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 gently the Device back cover using your thumb nail, screwdriver or another flat object as shown on Fig. 2(1).
2. Extract the exhausted battery using your thumb nail, screwdriver or another flat object. as shown on Fig. 2(2).
3. Slide in a new battery as shown on Fig. 2(3) 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 as shown on Fig. 2(4) until you hear a clicking sound.

## Troubleshooting

In case you encounter problems with the installation or operation of Shelly BLU But-ton 1, please check its knowledge base page: <https://shelly.link/ble>

## 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 (in-cluded)
- Battery life: up to 2 years
- Multi-click support: Up to 4 possible ac-tions
- 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 con-ditions):
  - up to 30 m outdoors
  - up to 10 m indoors

## Declaration of conformity

Hereby, Shelly Europe Ltd. (former Allter-co Robotics EOOD) declares that the radio equipment type Shelly BLU Button 1 in com-pliance 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](https://shelly.link/blu-button-1_DoC)

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Changes in the contact information data are published by the Manufacturer on the official website.

<https://www.shelly.com>

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## Documents / Resources



### [Shelly BL 1 Button 4 Actions Shelly BLU Button 1](#) [pdf] User Guide

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References

- [🔗 Shelly BLE devices](#)
- [User Manual](#)

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