

Fig. 1

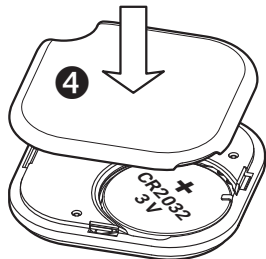
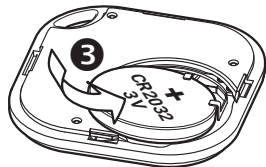
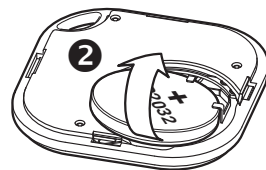
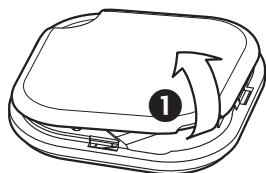


Fig. 2



EN

## USER AND SAFETY GUIDE

### 1 button 4 actions

#### Shelly BLU Button 1

##### Safety information

For safe and proper use, read this guide, and any other documents accompanying this product. Keep them for future reference. Failure to follow the installation procedures can lead to malfunction, danger to health and life, violation of law, and/or refusal of legal and commercial guarantees (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 to follow the user and safety instructions in this guide.

##### ⚠ WARNING!

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH of serious injury** can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as 2 hours.
- **KEEP new and used batteries OUT OF REACH OF CHILDREN.**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



**⚠ WARNING!** Even used batteries may cause severe injury or death. Call a local poison control center for treatment information!

**⚠ WARNING!** Do not force discharge, recharge, disassemble, heat above manufacturer's specified temperature rating or incinerate! Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

**⚠ WARNING!** Do not recharge non-rechargeable batteries!

**⚠ CAUTION!** Remove and immediately recycle or dispose of exhausted batteries according to your local regulations!

**⚠ CAUTION!** Do not dispose of batteries in household trash or incinerate! Batteries can emit hazardous compounds or cause fire if not disposed of properly.

**⚠ CAUTION!** If the Device is not used for an extended period, remove the battery. Reuse it if it still has power or dispose of it according to local regulations if it is exhausted.

**⚠ CAUTION!** Use only 3V CR2032 battery!

**⚠ CAUTION!** Ensure the batteries are installed correctly according to polarity (+ and -).

**⚠ CAUTION!** Always completely secure the battery compartment!

If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

**⚠ CAUTION!** Do not use it 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.

##### Product Information

Shelly BLU Button 1 (the Device) is a Bluetooth 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

##### 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 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:

<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)
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 Button 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 (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, Shelly Europe Ltd. (former Allterco Robotics EOOD) declares that the radio equipment type Shelly BLU Button 1 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](https://shelly.link/blu-button-1_DoC)

##### FCC Warning

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.

**Note:** 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.

**NOTE 2:** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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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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