

Shelly Blu Button Tough 1



Device identification

- Device name: **Shelly BLU Button Tough 1**
- Device model: **SBBT-002C**
- Device Bluetooth ID: **0x0001**

Short description

Shelly BLU Button Tough 1 (the Device) is a smart shock, water, and dust-resistant Bluetooth button of a compact size. It features a long battery life, supports multi-click and strong encryption.

Main features

- Long battery life
- Shock, water, and dust-resistant
- Supports multi-click
- Compact size, portability, and ease of use

- Strong encryption

Use cases

- **Lighting control:** Assign a button to control specific lighting scenes or individual smart lights. For example, a single press could turn on/off the lights, while a long-term press could dim or brighten them.
- **Garage door opener:** Use the strong encryption of Shelly BLU Button Tough 1 and control your smart garage door opener as you approach or leave your garage.
- **Smart blinds or curtains:** Open or close motorized blinds or curtain at the touch of a button.
- **Location-based automation:** Set the device in Beacon mode so that to trigger specific actions when you come within Bluetooth range. Use the button for presence control, for example to keep lights on while you need to spend some time in a certain area.

Connectivity

- Bluetooth Low Energy (BLE)

User interface

Inputs

- One push button
 - Press and hold for 10 sec to pair Shelly BLU Button Tough 1 with another Bluetooth device.
 - Press and hold for 30 sec to factory reset (possible only shortly after inserting the battery).

Specifications

Quantity	Value
Physical	
Size (HxWxD):	42x42x13 mm / 1.65x1.65x0.51 in
Weight:	15 g / 0.53 oz
Shell material:	Plastic
Shell color:	<ul style="list-style-type: none"> • Black: C-0%; M-0%; Y-0%; K-100% • Mocha: C-0%; M-12%; Y-28%; K-12% • Ivory: C-3%; M-4%; Y-14%; K-8%
Environmental	

Ambient working temperature:	-20 °C to 60 °C / -5 °F to 140 °F
Humidity:	0% to 90% RH
Electrical	
Power supply:	1x 3 V battery (included)
Battery type:	CR2032
Estimated battery life:	Up to 2 years
Bluetooth	
Protocol:	4.2
RF band:	2400 - 2483.5 MHz
Max. RF power:	< 4 dBm
Range:	Up to 30 m / 100 ft outdoors, up to 10 m / 33 ft indoors (depending on local conditions)
Encryption:	AES (CCM mode)

Shelly Smart Control

- [Adding the device to the Shelly Smart Control](#)

Troubleshooting

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Components and APIs

- [This device](#)
- [All Shelly devices and services](#)

Compliance

[Shelly BLU Button Tough 1 multilingual EU declaration of conformity 227 2025-12-05.pdf](#)

[Shelly BLU Button Tough 1 UK PSTI ACT Statement of compliance.pdf](#)

[Compliance archive](#)

[Shelly Blu Button Tough 1 multilingual EU declaration of conformity 150 2025-07-22.pdf](#)

[Shelly BLU Button Tough 1 multilingual EU declaration of conformity 33 2024-02-20.pdf](#)

Battery material safety data sheet

CR-PSDS-01 Panasonic MSDS

Printed user guide

Shelly BLU Button tough 1 multilingual printed user and safety guide.pdf

- Ръководство за употреба и безопасност