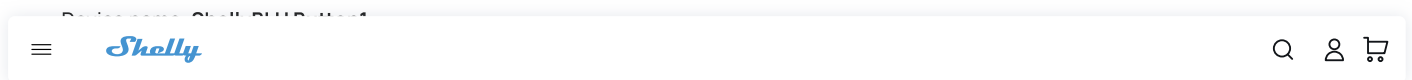


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Shellyblu Button1



Device identification



Short description

Shelly Blu Button 1 (the Device) is a Bluetooth button, which allows you easily activate and deactivate devices or scenes with just a click.

Features

- Long battery life
- LED indication
- Buzzer
- Beacon mode
- Encrypted mode

Main applications

- Residential
- MDU (Multi Dwelling Units - apartments, condominiums, hotels, etc.)
- Light commercial (small office buildings, small retail/restaurant/gas station, etc.)
- Government/municipal
- University/college

Connectivity

- Bluetooth

User interface

Inputs

- One push button
 - Press shortly once, twice, or three times, or press and hold for about 2 sec to emit a signal
 - Press and hold for 10 sec to pair ShellyBLU Button1 with another Bluetooth device.
 - Press and hold for 30 sec to factory reset (possible only shortly after inserting the battery).

Outputs

- Red LED indication
- Buzzer

Specifications

Type	Value
Physical	
Size (HxWxD):	36x36x6 mm ±0.5 mm / 1.44x1.44x0.25 in ±0.02 in
Weight with the battery:	9 g ±1 g / 0.30 ±0.05 oz
Shell material:	Plastic
Color:	White, black, red, blue
Environmental	
Ambient temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Electrical	
Power supply:	1x 3 V CR2032 battery (included)
Battery life:	Battery life: up to 2 years
Radio	
RF band:	2400 - 2483.5 MHz
Max. RF power:	< 4 dBm

Bluetooth Protocol:	4.2
Bluetooth Range:	Up to 10 m / 33 ft indoors and 30 m / 100 ft outdoors (Depends on local conditions)
MCU	
CPU:	EFR32BG22
Flash:	32KB RAM
Firmware capabilities	
Encryption:	AES encryption (CCM mode)
Beacon mode:	Yes
Multi-click support:	Up to 4 possible actions

Troubleshooting

...

Components and APIs

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

Compliance

[Shelly BLU Button1 multilingual EU declaration of conformity.pdf](#)

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

Battery material safety data sheet

[CR-PSDS-01 Panasonic MSDS](#)

Printed user guide

[Shelly BLU Button 1 multilingual printed user and safety guide.pdf](#)

Installation guides

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