HOMESYSTEM

QUICK START GUIDE

Shelly BLU TRV V2

Thermostatic radiator head, Bluetooth + Zigbee

Manufacturer: **Shelly** · Model: **Shelly BLU TRV V2 (SBTR-001AEU)**

PRODUCT IN THE HOMESYSTEM E-SHOP

obchod.homesystem.sk/en/shelly-blu-trv-v2-termostaticka-radiatorova-hlavica-bluetooth-zigbee/

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This battery-powered head replaces the mechanical head on your radiator and holds the set temperature with ±0.1 °C precision. Control it with the rotary knob, the Shelly Smart Control app via Bluetooth, or a Zigbee network – even at the same time.

BASIC INFORMATION

Model	SBTR-001AEU
Power supply	2× AA 1.5 V (included), up to 2 years
Wireless	Bluetooth 5 LE (BTHome) and Zigbee 3.0 simultaneously
Range	up to 10 m indoors, up to 30 m outdoors
Valve connection	M30 × 1.5; other valves via adapter (sold separately)
Display	3-digit 7-segment LED, rotatable
Dimensions / weight	78 × Ø 54 mm / 107 g; white, nickel-plated brass ring
Environment	−20 to 60 °C, 25–80 % RH
Features	schedules (10 slots), Boost, silent mode, external temperature and window sensors

SAFETY INSTRUCTIONS

CAUTION

- Use only 1.5 V AA batteries and insert them with correct polarity; weak batteries can cause calibration to fail.
- Do not disassemble the head and protect it from water. Keep out of reach of children.

INSTALLATION

1. Unscrew the original thermostatic head from the radiator valve (the valve stays, no water is drained).
2. Screw the mounting ring onto the M30 × 1.5 valve; for other valves fit a suitable adapter first.
3. Insert 2 AA batteries into the head.
4. Fit the head onto the ring and tighten it. Calibration to the valve stroke starts automatically – wait until the display shows it has passed.

NOTE

- If the head cannot fully close the valve even at minimum temperature, attach a small metal disc (about the size of a 1-cent coin) to the plunger tip.

BUTTON (RESET)

Press once	Bluetooth pairing (30 s)
Press 3×	Zigbee network association (30 s)
Press 5×	Find and Bind
Hold 30 s	factory reset

ROTARY KNOB

1 step clockwise / anticlockwise	temperature +0.1 °C / −0.1 °C (first turn wakes the display)
Quickly more than 10 steps clockwise	Boost on (valve fully open)
Quickly more than 10 steps anticlockwise	Boost off
Short alternating turns left–right–left–right	user menu (starts with battery level)
In menu: 1 / 2 / 3 steps clockwise	paired BLE devices / Zigbee status / number of errors
In menu: 4 / 5 / 6 steps clockwise	Bluetooth pairing / Zigbee pairing / exit menu

FIRST START

1. Bluetooth: add the device in the Shelly Smart Control app and press the button on the head once.
2. Remote control: add the head via Shelly BLU Gateway Gen3 (local and cloud) or a Shelly Wi-Fi device with Bluetooth gateway function (cloud, firmware 2.2.0 or later).

3 Zigbee: allow joining on your coordinator (e.g. Home Assistant) and press the button on the head 3 times.

TIP

- The head measures near the radiator, where it is warmer. For accurate room temperature pair it with a Shelly BLU H&T ZB sensor and enable External temperature control in settings (TRV Behavior).

REMOVAL

- Turn on Boost so the valve opens fully and the plunger retracts.
- Press the front cap and turn the head anticlockwise until it releases.

Disposal: A product marked with the crossed-out wheeled bin symbol must not be disposed of with household waste. Take it to a WEEE collection point or return it to the retailer when buying a new device. Dispose of batteries separately at a battery collection point.
Important: this quick guide in English was prepared by HomeSystem s.r.o. for customers of the obchod.homesystem.sk e-shop based on the manufacturer's documentation. In case of discrepancies, the manufacturer's original manual prevails: https://kb.shelly.cloud/knowledge-base/shelly-blu-trv
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