

Quick Setup — Front-Panel Buttons

Worked example: Address 15 · Baud 57600 · Format 8N1

○ off ● on ● blinking

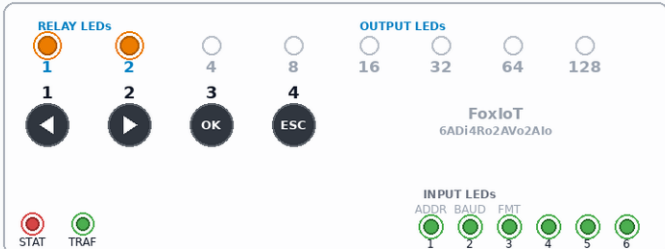
● INPUT LED 1 = Address

● INPUT LED 2 = Baud rate

● INPUT LED 3 = Format

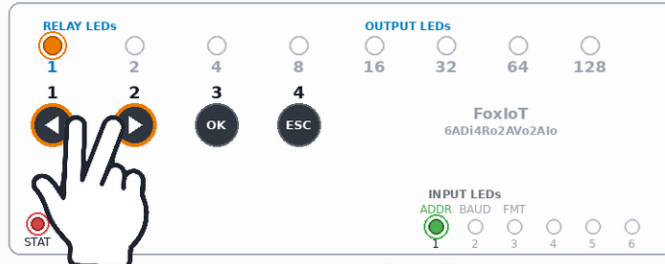
1 Power on

⌚ 10 s



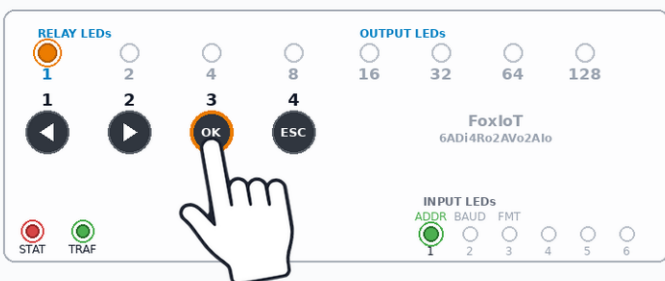
Switch the controller power off and on. You now have 10 seconds — while relay LEDs 1 and 2 blink, press buttons 1 and 2 together to enter config mode.

2 Enter config mode



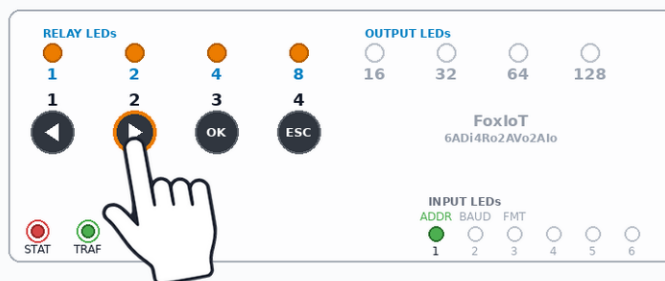
Press buttons 1 and 2 together (◀ + ▶). When STAT and TRAF blink faster and Input LED 1 (Address) starts blinking, you are in config mode. The relay LEDs show the current address (1).

3 Select the address



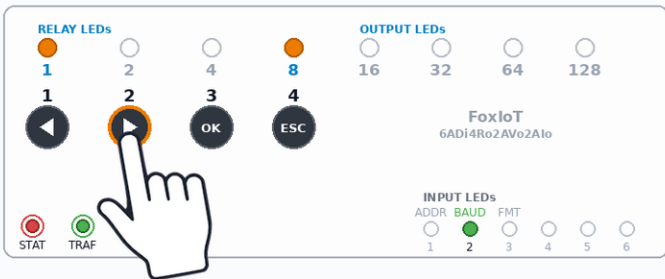
Input LED 1 (Address) is blinking. Press **OK** — the LED turns solid and you can now change the value.

4 Dial in 15



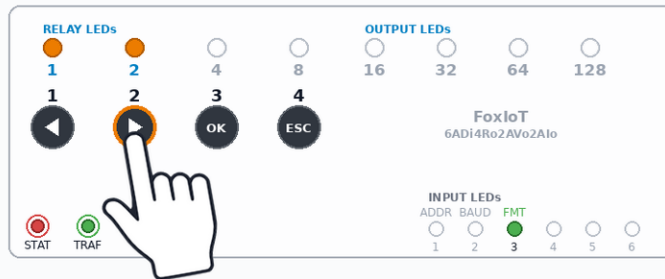
Press ▶ until the LEDs that are on add up to 15 (1 + 2 + 4 + 8). Press **OK** to save.

5 Set baud 57600



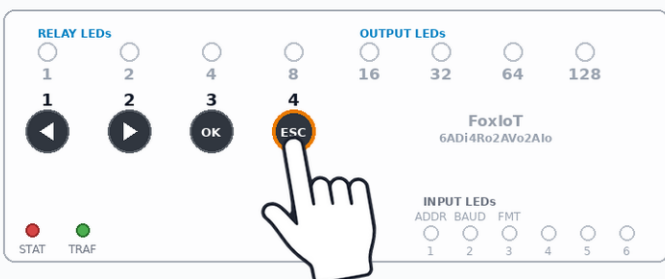
Press ▶ to move to Input LED 2 (Baud rate) — it now blinks. Press **OK**. 57600 is option 9. Press ▶ until the LEDs that are on add up to 9 (1 + 8). Press **OK** to save.

6 Set format 8N1



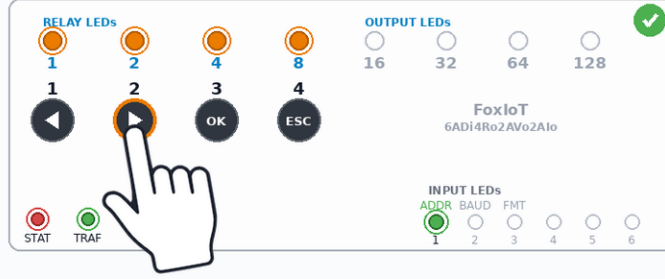
Press ▶ to move to Input LED 3 (Format) — it now blinks. Press **OK**. 8N1 is option 3. Press ▶ until the LEDs that are on add up to 3 (1 + 2). Press **OK** to save.

7 Save & exit



Press **ESC**. The LEDs stop blinking, then the controller saves to memory and reboots.

8 Verify



Re-enter config mode. Step ▶ from setting to setting (Address, Baud, Format) and add up the blinking LEDs: 15, then 9, then 3.

Each LED has a number: 1·2·4·8 · 16·32·64·128. Add up the LEDs that are on (solid or blinking) — that is the value.

Front-Panel Settings & LED Reference

Set address, baud, and format on the panel. Scan a code for the full guide.

Address — Input LED 1 Range 1-247 (default 1). Set the LEDs to ADD UP to the address — see the LED chart below.

Baud rate — Input LED 2

Opt	bps	LEDs 1-2-4-8
1	300	●○○○
2	600	○●○○
3	1200	●●○○
4	2400	○○●○
5	4800	●○●○
6	9600 (default)	○●●○
7	19200	●●●○
8	38400	○○○●
9	57600	●○●●
10	115200	○●●●

Serial format — Input LED 3

Opt	format	LEDs 1-2-4-8
1	8E1 (default)	●○○○
2	8N2	○●○○
3	8N1	●●○○
4	801	○○●○

Worked example

Address 10

Baud 115200 → opt 10

Format 8E1 → opt 1

○●●●
○●●●
●○○○

Buttons: ◀ step down ▶ step up OK save ESC cancel / exit

Enter config: power-cycle, then within 10 s hold Buttons 1 + 2 until LED 1 blinks.



Deep configuration instructions

Scan the code for the full step-by-step guide in the product manual, or browse all downloads:

foxiot.eu/products/rtu-controllers/6adi4ro2avo2aio#downloads

LED value reference — 0 to 255

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