LED Strip Controllers – 2-in-1 and 3-in-1

A small receiver wired between the transformer and a 12 V or 24 V LED strip so you can dim and change colour by remote or app.



KEY FEATURES

- 2-in-1 model for single colour and dual white (CCT) strips
- 3-in-1 model for RGB, RGBW and RGB+CCT strips
- Standard model is controlled by a 2.4 GHz remote (sold separately)
- Smart model adds WiFi control in the Tuya Smart / Smart Life app
- Smart model works with Google and Alexa voice control
- Remote range up to 30 m

IN THE BOX

- 1 × LED strip controller (the model you ordered)
- Remote control not included – order separately

SPECIFICATIONS

Input voltage	12–24 V DC
Maximum load	12 A total (3-in-1: 6 A per channel)
Control	WiFi + 2.4GHz Input Voltage: DC12-24v Max. 12A
Control distance	Up to 30 m
Dimmable	Yes
Modes	2-in-1: single colour / dual white; 3-in-1: RGB / RGBW / RGB+CCT
Mode change	SET button on the controller
Output connection	Common positive (V+)
IP rating	IP20 – indoor, dry areas only
Operating temperature	-10 °C to 40 °C
Installation	Inside a junction box
Warranty	2 years

OPTIONS

Code	Model	Suits strips	Control
2in1-ctrlr-ns	2-in-1 standard	Single colour / dual white	Remote (required)
2in1-ctrlr-smart	2-in-1 smart	Single colour / dual white	App + optional remote
3in1-ctrlr-ns	3-in-1 standard	RGB / RGBW / RGB+CCT	Remote (required)
3in1-ctrlr-smart	3-in-1 smart	RGB / RGBW / RGB+CCT	App + optional remote

Installation: licensed electrician recommended – see the installation guide. Keep your invoice for warranty.

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ABOUT THIS PRODUCT

Greenhse LED strip controllers sit between your 12 V or 24 V transformer and the strip to add dimming, colour temperature and colour control. The 2-in-1 suits single colour and adjustable white strips, and the 3-in-1 suits RGB, RGBW and RGB+CCT strips. Standard models work with a 2.4 GHz remote, and smart models add WiFi control through the Tuya Smart or Smart Life app with Google and Alexa. Each handles up to 12 A in total and fits neatly inside a junction box.

MORE DETAILS

Colour / finish	White case
Electrical class	Class III, runs on SELV 12 V or 24 V DC from a certified transformer
Remote linking	Press SET once to start linking mode
Mode change	Press SET repeatedly to change the output mode
Uses	LED strips, garden lights and star lights

SAFETY & COMPLIANCE

Extra-low voltage product (12 V / 24 V DC)
Safe low voltage. Must be powered by a certified power supply (see below).

Equipment risk level	Not prescribed (extra-low voltage)
Use with a Greenhse 24 V transformer (30 W or 60 W indoor models)	SAA-230028-EA (valid to 17 Feb 2028)
Use with a Greenhse 12 V transformer (20 W, 40 W or 75 W indoor models)	SAA-230028-EA (valid to 17 Feb 2028)

Extra-low voltage products are not prescribed electrical equipment under the EESS. Mains (240 V) wiring to the power supply must be done by a licensed electrician. Only use a certified power supply of the correct voltage and wattage.