INSTALLATION GUIDE

Product code: RGBW-SPI-4000K-IP54

Colour + White SPI Strip – 24 V, 4000 K, IP54

24 V only. A licensed electrician is recommended for the whole job, and any 240 V wiring – including hard-wiring a transformer – must be done by a licensed electrician (AS/NZS 3000).

IN THE BOX

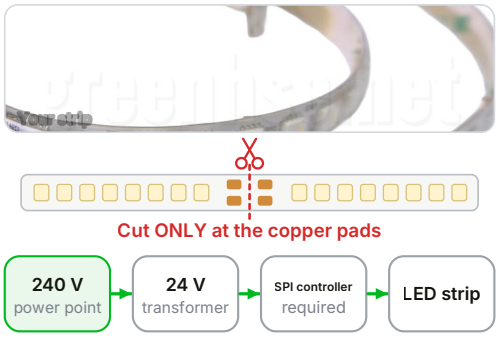
- 1 × RGBW SPI LED strip in the length you ordered
- SPI controller, transformer and channel: sold separately or in a kit

YOU WILL NEED

- Tape measure
- Sharp scissors
- Small flat screwdriver
- Clean dry cloth
- Smartphone with Bluetooth

BEFORE YOU START

- Size the transformer: the strip's watts are 15 W × metres – keep the load under 80% of the transformer rating. Example: 5 m = 75 W, so use a 100 W transformer; 10 m = 150 W needs 240 W.
- Find the arrows printed on the strip – they show which way the data signal runs.
- Runs over 5 m: also connect 24 V (+) and GND (−) at the far end (10 m maximum). Data connects at the start only.
- Make sure the transformer is unplugged or switched off, and plan a dry spot for it and the controller.



STEP BY STEP

1. Measure the run. Cut the strip only on a marked cut line.
2. Clean and dry the surface or channel, peel the backing a little at a time and press the strip firmly in place.
3. Fit the strip so the controller connects at the start end – the arrows must point away from the controller.
4. Connect the strip's 24 V (+), data and GND (−) wires to the matching terminals on the SPI controller.
5. Connect the controller's power input to the 24 V transformer (+ to +, − to −).
6. Plug-in transformer: plug it into a power point. Hard-wired transformer: a licensed electrician connects it to 240 V.
7. Turn the power on, connect the app by Bluetooth and test colours and effects.

SETTINGS & USE

- Use an SPI controller – a standard RGB strip controller will not run this strip.
- Pair the controller with its phone app over Bluetooth, then set the strip type and length as the controller's guide shows.
- To join more strips, run the data wire from the end of one strip to the start of the next.

DO NOT

- Don't connect the strip straight to 240 V – it will be destroyed.
- Don't overload – keep the load under 80% of the transformer rating.
- Don't use it where it can sit in water or be hosed (IP54).
- Don't fold, twist or sharply bend the strip.

CARE & TROUBLESHOOTING

- Turn the power off, then dust with a soft dry cloth.
- Strip stops part-way or shows wrong colours? Check the data wire and the arrow direction at that point.
- Not lighting? Check the 24 V, data and GND wires are on the right terminals.

Installation: Greenhse recommends that every product is installed by a licensed electrician to AS/NZS 3000 and local rules. Any work on 240 V wiring must be done by a licensed electrician. Incorrect installation can be unsafe and may void the warranty. **Warranty:** 2 years limited (excludes physical damage). Keep your invoice and the electrician's certificate of compliance. Questions? Call (08) 9297 2969 or visit greenhse.com.