

Operating instructions

for the RGB LED Base Strip

with Remote Control

and 50 cm / 80 cm Extensions

English



Description

This RGB LED strip is designed to provide decorative illumination for your pedalboard. It can be set to different colors, as well as static and dynamic modes. The LED strip is powered by a standard pedalboard power supply (5 V – 12 V). The LED base strip is equipped with a 2.1 x 5.5 mm barrel socket connector for connecting to the power supply and a keyed 4-pin connector for connecting extensions. The extensions have 4-pin connectors at both ends. The LED strip is operated using the included remote control. **The extensions only work in combination with a RBO B LED STRIP 50BR base strip.** The light pattern of the extension is the same as that of the base strip and is controlled by the base strip's remote control.

Calculation for the current draw at 9 V:

130 mA for the base strip
+ 90 mA for each 50 cm extension
+ 130 mA for each 80 cm extension

Caution

- Make sure the total current draw of your base + extensions does not exceed the **maximum output current of your power supply unit**.
- The maximum current capacity for the base strip is 2000 mA. Make sure the combined current draw of your configuration does not exceed this value.
- If combining 50 cm and 80 cm extensions, please make sure their added current draw plus the **current draw of the base strip does not exceed 2000 mA**.

Adding extensions

- In order to use LED strip extensions, you need a base strip (RBO B LED STRIP 50BR). The 50 cm (RBO B LED STRIP 50EX) and 80 cm (RBO B LED STRIP 80EX) extensions are sold separately.
- The base strip is equipped with a 4-pin connector at one end. The extensions have 4-pin connectors on both ends. All connectors are keyed to prevent incorrect connections. Do not force connectors together. Make sure to turn them until they slide in easily.
- You can connect one extension to the 4-pin connector of the base strip and the next extension to the other end of the previous extension. Make sure not to exceed the maximum current draw (see above).
- The last extension in your chain can be shortened at the designated points marked with a scissor symbol.

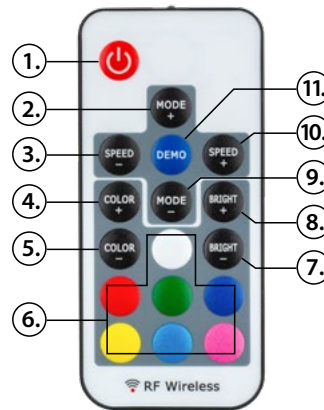
Note: After shortening, only the end with the 4-pin connector, which connects to the previous extension or to the base strip, can be used.



Installation

- The installation must be carried out with power disconnected.
- Remove the RGB LED base strip and the extensions from the packaging and unroll them completely.
- Connect all extensions (see above) and test the best positioning of your LED strip under the pedalboard. The LED strip must not be kinked.
- The mounting surface must be clean and free of grease. Use the included alcohol pad to clean the surface.
- Remove the protective film from the 3M adhesive strip on the back of the LED strip. Then stick it in the desired position. Avoid sharp bends (e.g. in corners under the pedal board).
- Attach the cable and control unit using the enclosed adhesive pads and cable ties.

Operation



- The entire RGB LED strip is operated using the included remote control. The base strip and all extensions will show the same lighting pattern.
- Please activate the battery in the remote control (CR2025) before use by removing the small plastic protective strip from the battery compartment on the bottom edge of the remote control.
- The remote control operates with RF technology and has a range of up to 15 m / 45 ft. Direct line of sight between the remote control and the LED strip is not required.
- If the power supply is disconnected while the LED strip is switched on, it will automatically switch back to the last mode when the power supply is restored.

- 1. ON/STANDBY:** Switches the LED Strip on or off.
- 2. / 9. MODE+ / MODE-:** These buttons activate the **dynamic mode** and switch through various dynamic effects (strobe, breathing, single-color flashing, multi-color flashing, color transitions, etc.)
- 3. / 10. SPEED+ / SPEED-:** Speed setting for the effect change in dynamic mode (e.g. flashing speed). These buttons only work in dynamic mode.
- 4. / 5. COLOR+ / COLOR-:** These buttons activate the **static mode** (no flashing or color change effect) and allow you to select from different static colors.
- 6.** Buttons for direct selection of a static color.
- 7. / 8. BRIGHT+ / BRIGHT-:** Brightness adjustment in static mode in 5 levels.
- 11. Demo Mode:** Switches randomly through various dynamic lighting effects. The speed can be set using the speed buttons.

Maintenance and care

The RGB LED strip requires no maintenance. It should only be cleaned with a dry cloth. Never use cleaning agents, as these can damage the strip. Never immerse the strip in water.

Safety instructions

Keep the packaging material away from children! There is a risk of suffocation if parts of the packaging are swallowed.
Do not use the product while it is still in the packaging (risk of overheating).
Check the product for damage before use.
Do not attach any objects to the RGB LED strip.
This product is not a toy and is not suitable for children.
Do not leave the product unattended while it is operating.
Never immerse the product in liquids.

Disposal

Devices that are no longer used or are defective must be disposed of in accordance with applicable legal regulations. Dispose of the device at a suitable collection point. Contact your local authority to find out about collection points in your area. Old and used batteries must be disposed of properly and do not belong in household waste!