**Avide 12V 7.2W 5m**

# Avide RGB LED Strip Light Kit

USER MANUAL

## 1. Safety Instructions

Please read these instructions carefully before installation and use. Keep this manual for future reference.

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for indoor use unless otherwise specified.
- Do not expose the LED strip to direct water or excessive humidity unless it is specifically rated for such conditions (IP65 rating indicates protection against water jets, but not submersion).
- Do not cut the LED strip unless marked with designated cutting points. Cutting elsewhere may damage the strip.
- Use only the provided power adapter. Using an incompatible adapter may cause damage or fire.
- Avoid bending the LED strip sharply, as this can damage the internal circuitry.
- Keep out of reach of children.

## 2. Package Contents

Verify that all components are present in the package:

- 1x Avide RGB LED Strip (5 meters)
- 1x Power Adapter (12V)
- 1x Remote Control

Image: The Avide RGB LED Strip Light Kit, showing the coiled 5-meter LED strip, the included remote control, and the power adapter. Key specifications like 330 lumen/m, 7.2W/meter, 1650 lumen total, and IP65 rating are visible on the packaging.

## 3. Setup

1. **Prepare the Surface:** Ensure the surface where the LED strip will be mounted is clean, dry, and smooth. Dust or uneven surfaces can affect the adhesive.

2. **Unroll the LED Strip:** Carefully unroll the entire 5-meter LED strip. Avoid kinking or twisting the strip.

3. **Connect the Strip to the Controller:** Connect the 4-pin connector of the LED strip to the corresponding 4-pin port on the RGB controller (usually a small white box attached to the adapter cable). Ensure the arrows on both connectors align.

4. **Connect the Power Adapter:** Plug the DC output of the 12V power adapter into the input port of the RGB controller.

5. **Mount the LED Strip:** Peel off the protective backing from the adhesive tape on the back of the LED strip. Carefully press the strip onto the desired surface, applying even pressure along its length.

6. **Plug into Power:** Once the strip is securely mounted and all connections are made, plug the power adapter into a standard electrical outlet.

## 4. Operating Instructions

Use the included remote control to operate the LED strip:

- **ON/OFF:** Press the **ON** button to turn the lights on, and the **OFF** button to turn them off.
- **Color Selection:** Press the colored buttons (R, G, B, W, and other color swatches) to select a static color.
- **Brightness Adjustment:** Use the brightness up (▲) and brightness down (▼) buttons to adjust the intensity of the selected color or mode.
- **Dynamic Modes:**
  - **FLASH:** Cycles through colors rapidly.
  - **STROBE:** Flashes a single color.
  - **FADE:** Smoothly transitions between colors.
  - **SMOOTH:** Provides a gradual, continuous color change.

Ensure the remote control is pointed towards the IR receiver on the LED strip controller for optimal response.

## 5. Maintenance

- **Cleaning:** Disconnect power before cleaning. Gently wipe the LED strip with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the LED strip, ensure it is clean and dry. Coil it loosely to prevent damage to the internal wiring. Store in a cool, dry place.
- **Inspection:** Periodically inspect the strip and connections for any signs of damage or wear.

## 6. Troubleshooting

- **LED strip does not light up:**
  - Check if the power adapter is securely plugged into both the wall outlet and the controller.
  - Ensure the 4-pin connector between the strip and controller is correctly aligned and fully inserted.
  - Verify the remote control batteries are functional and correctly inserted.
  - Press the ON button on the remote.
- **Remote control is not working:**
  - Ensure there are no obstructions between the remote and the IR receiver on the controller.
  - Replace the remote control battery if necessary.
  - Ensure the remote is pointed directly at the IR receiver.

- **Colors are incorrect or inconsistent:**

    - Check the 4-pin connector for proper alignment. Misalignment can cause incorrect color display.
    - Ensure the strip is not damaged.

## 7. Specifications

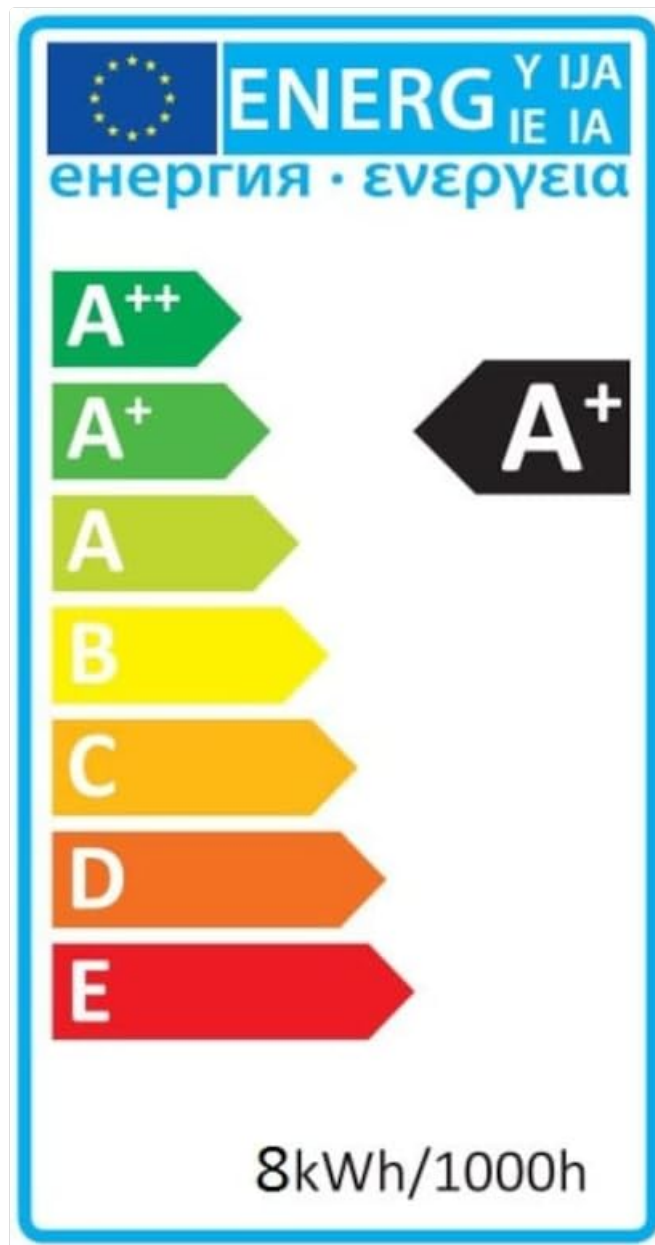| Feature | Specification |
| --- | --- |
| Model | Avide RGB LED Strip Light Kit |
| Input Voltage | 12V |
| Power Consumption | 7.2 Watts per meter |
| Total Power Consumption | 36 Watts (5m x 7.2W/m) |
| Length | 5 meters |
| Luminous Flux | 330 lumen/meter (1650 lumen total) |
| IP Rating | IP65 |
| Energy Efficiency Class | A+ |
| Product Dimensions (Package) | 27 x 21.5 x 8 cm |
| Item Weight | 400 grams |

Image: Energy efficiency label indicating an A+ rating for the LED strip, with an energy consumption of 8kWh/1000h.

## 8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the documentation provided at the point of purchase or contact your retailer. Keep your proof of purchase for warranty claims.

**Related Documents -** 12V 7.2W 5m

[Avide LED Strip 12V-24V 96W Aluminum Profile Mini Controller with Touch Switch](#)
Technical specifications, dimensions, and wiring instructions for the Avide AAP-MINICTRL-T LED strip controller. Features touch control for brightness adjustment and on/off functionality for single-color LED strips.

[Avide AAP-MINICTRL-MOT LED Strip Controller with Motion Sensor - Technical Data](#)
Detailed technical specifications, dimensions, and wiring instructions for the Avide AAP-MINICTRL-MOT 12V-24V 96W LED strip controller with motion sensor. Includes product details, compliance, and operational information.

[Avide LED Strip 12-24V RGB+W 4 Zone RF Wall Mount Touch Panel Remote Control](#)
Detailed product information for the Avide LED Strip 12-24V RGB+W 4 Zone RF Wall Mount Touch Panel Remote Control (Model: ABLS12VTPSRGBW-RFC-4Z). Includes specifications, dimensions, packaging details, and operating instructions for pairing and unpairing zones.

[Avide LED Szalag 12V 100W IP67 Slim Tápegység Adatlap](#)
Ez a dokumentum az Avide LED Szalag 12V 100W IP67 Slim Tápegység termékadatlapját tartalmazza. Részletezi a műszaki specifikációkat, méreteket, csomagolást és a termékleírást, kiemelve a stabil 12V DC kimenetet és az IP67 védettséget.

[Avide LED Strip 12-24V 4-Zone RF Touch Panel Dimmer Remote Control](#)
Technical datasheet and product description for the Avide ABLS12VTPRDIMM-RFC-4Z, a 4-zone RF touch panel dimmer remote control for LED strips, operating on 12-24V and compatible with AC180-240V input. Includes specifications, dimensions, and pairing instructions.

[Avide LED Szalag 12-24V 144W Fényerőszabályzó 4 Zónás Vezérlő - Adatlap és Műszaki Specifikációk](#)
Részletes adatlap az Avide ABLS12VDIMM-RFR-4Z típusú 4 zónás LED szalag vezérlőhöz. Fedezze fel a 12-24V, 144W teljesítményű dimmer specifikációit, méreteit, csomagolási adatait, bekötési és párosítási útmutatóját.