RGB LED Strip Amplifier 350W DC 12-24V

Product codes:

Reference: 1740

Product features:

Power (W): 350
Power source (V): 12/24V-DC
IP: IP20
Frequency (Hz): 50-60Hz
Measures (mm): L128 x W65 x H24 mm
Material: Aluminum
Operating temperature: -20ºC ~ +55ºC
Energy efficiency 2021: A+
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 2 años



Product attributes:

Product description:

RGB signal repeater / amplifier RGB LED Strip Amplifier 350W DC 12-24V

Extend your installations without signal loss. This high-speed repeater regenerates colour and power up to , with 12-24V input and output and multiple series or parallel connection options.

? 350W? 12-24V? 4A/channel? RGB

350W
Max power12-24V
Voltage4A
Per channelRGB

Signal

The **RGB LED strip amplifier (repeater)** is a high-speed device designed to extend RGB LED strip installations without degrading the signal or colour. When the strip length exceeds the capacity of the power supply or controller, this amplifier regenerates the signal to keep colours vivid and even across the whole installation.

It offers multiple connection options, **in series or in parallel**, and handles up to **4 amps per channel** for a maximum power of **350W**. With **12-24V** input and output, it integrates easily into your setups; it is advisable to unify the voltage of the LED strips when they are not the same.

Why choose this product? **? Regenerated signal**
Keeps colours vivid and even over long RGB runs. **? Flexible connection**
Series or parallel wiring to suit your setup. **? Up to 350W**
4A per channel to power long RGB LED strips. Technical specifications Product typeRGB LED strip amplifier / repeaterMaximum power350WInput/output voltage12-24V DCCurrent per channelUp to 4ASignal typeRGBConnectionSeries or parallel Advantages

- **Up to 350W:** powers long RGB installations.
- **4A per channel:** enough power for long runs.
- **Regenerated signal:** vivid, even colours without loss.
- **Flexible connection:** series or parallel.
- **12-24V compatible:** fits most installations.

Recommended applications ?**Long RGB LED strips** — extension without signal loss.?**Decorative lighting** — facades, cornices and displays.?**Retail and hospitality** — extended RGB installations.?**Custom projects** — series or parallel setups. Installation guide 1**Switch off the power**
Cut the supply before wiring.2**Insert the amplifier**
Place it between the existing strip section and the new RGB section.3**Connect the power**
Connect a 12-24V power supply to the input and the strip to the output, matching the RGB channels.4**Unify the voltage**
Use the same voltage on all strips, then check colour synchronisation. Frequently asked questions **What is this amplifier for?**
To extend an RGB LED strip installation by regenerating the signal to avoid colour and intensity loss. **What power does it support?**
Up to 350W, with 4A per channel. **Can several be connected?**
Yes, in series or parallel as the installation requires. ?

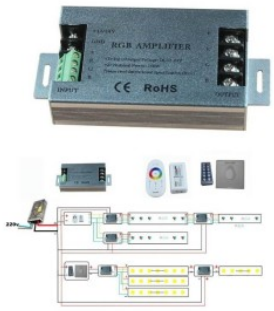
350W
4A/channel?

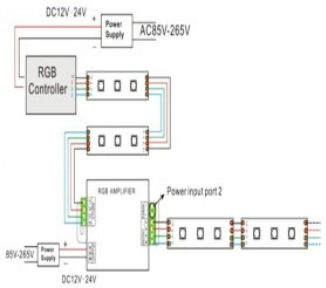
RGB signal
Regenerated?

12-24V
Flexible wiring?

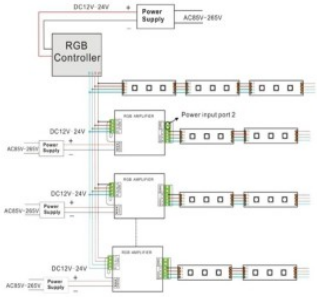
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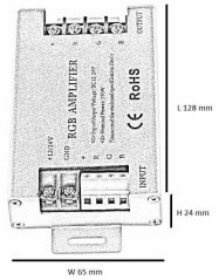
Product gallery:


RGB AMPLIFIER
RoHS
INPUT


DC12V-24V
Power Supply
AC85V-265V
RGB Controller
RGB AMPLIFIER
Power input port 2
85V-265V
Power Supply
DC12V-24V


RGB AMPLIFIER
RoHS
INPUT


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RGB Controller
Power input port 2
DC12V-24V
DC12V-24V
DC12V-24V


RGB AMPLIFIER
RoHS
INPUT
OUTPUT
L 128 mm
H 24 mm
W 65 mm


RGB AMPLIFIER
RoHS
INPUT