

Lian Li PW12-1W

Lian Li Strimer Wireless 3x8-Pin GPU RGB Power Extension Cable (PW12-1W) Instruction Manual

Model: PW12-1W

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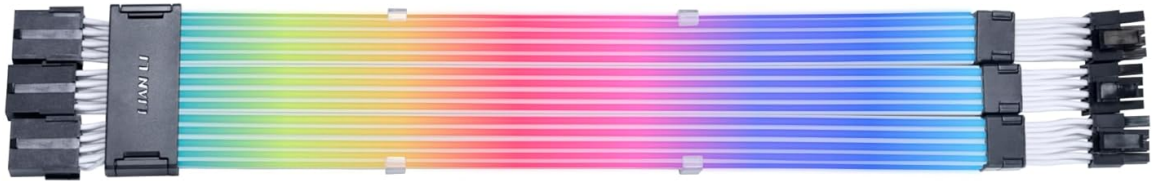
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1. PRODUCT OVERVIEW

The Lian Li Strimer Wireless 3x8-Pin GPU RGB Power Extension Cable (PW12-1W) is designed to enhance your PC build with vibrant RGB lighting while providing power to your graphics card. This cable features 12 light guides and utilizes 2.4 GHz wireless technology for lighting control. It is 410mm (16.14 inches) in length.

Important Note: This PW12-1W model does NOT include the L-Wireless Controller. A compatible L-Wireless Controller (e.g., from the PW24-1W-T model or a 3-pack wireless fan set) is required for RGB and fan control functionality.



Lian Li Strimer Wireless 3x8-Pin GPU RGB Power Extension Cable with RGB lighting enabled.

BRILLIANT LIGHTING EFFECTS

Strimer Wireless seamlessly combines cutting-edge technology with elegant design, It's the perfect blend of innovation and aesthetic appeal, transforming the user experience.



A PC build featuring Lian Li Strimer Wireless cables, demonstrating brilliant lighting effects.

2. SETUP AND INSTALLATION

2.1 Compatibility Check

- Ensure your GPU uses three 8-pin PCIe power connectors. This cable is designed for GPUs requiring 3x8-pin power.
- This cable is compatible with NVIDIA GeForce RTX 50 and 40 Series graphics cards that utilize 12V-2X6 connectors, provided they are adapted to 3x8-pin.
- An L-Wireless Controller is required for RGB lighting and fan control. This controller is not included with the PW12-1W model.

2.2 Physical Installation

1. **Connect to GPU:** Carefully connect the three 8-pin connectors of the Strimer Wireless cable to the corresponding 8-pin power inputs on your graphics card. Ensure a secure fit.
2. **Connect to Power Supply:** Connect the other end of the Strimer Wireless cable to your power supply's PCIe power outputs.
3. **Connect L-Wireless Controller (Sold Separately):** If you have an L-Wireless Controller, connect it to an available USB Type-A port on your motherboard or PC case. The controller communicates wirelessly with the Strimer cable for RGB effects.
4. **Cable Management:** Utilize the provided clips to manage the cable and light guides for a clean aesthetic. The light strips extend to the sides, offering enhanced visual appeal.



Close-up view of the 3x8-pin power connectors on the Lian Li Strimer Wireless cable.

SIMULTANEOUS CONTROL

This powerful L-Wireless controller supports the transmission of 10 channels simultaneously.

Each Strimer cable occupies one channel (a single system can support up to three Strimer cables simultaneously; one for the motherboard, one for the GPU, and one for the CPU). Each cluster of fans occupies one channel.

With just one L-Wireless controller, you can meet the usage needs of every set of fans and Strimer cables in a standard PC.

In the future, the L-Wireless Controller will also be compatible with all LIAN LI wireless devices. With this controller, you can create a stunning and streamlined LIAN LI ecosystem that combines beauty and simplicity!

Note: The controller supports UNI FAN SL Wireless Series as well.

Illustration of the 2.4GHz wireless connection for the Strimer Wireless, showing the L-Wireless controller connecting to a USB Type-A port.

2.3 Reverse Connector Guide Video

This video demonstrates how to properly install and orient the Strimer Wireless connectors, including reverse

3. OPERATION

3.1 Wireless RGB Control

- The Strimer Wireless cable uses a 2.4 GHz wireless signal for RGB lighting control, provided by a separate L-Wireless Controller.
- Once the controller is connected and recognized, the Strimer cable's lighting effects can be customized.

3.2 L-Connect 3 Software

The L-Connect 3 software is used for comprehensive customization of the Strimer Wireless RGB lighting. It allows you to:

- Set different fan speeds for each fan cluster (if using compatible Lian Li wireless fans).
- Monitor CPU and GPU temperature and loading.
- Customize individual light guides on the Strimer cable for unique lighting combinations.



Screenshot of the L-Connect 3 software interface, demonstrating options for comprehensive RGB lighting customization.

3.3 Product in Use Videos

This video showcases the Strimer Wireless cable integrated into a PC build, demonstrating its lighting effects alongside other Lian Li components.

A short video demonstrating the Strimer Wireless cable's lighting in a complete system build.

4. MAINTENANCE

To ensure the longevity and optimal appearance of your Lian Li Strimer Wireless cable, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the cable and light guides with a soft, dry, anti-static cloth to remove dust. Avoid using harsh chemicals or abrasive materials.
- **Handling:** When adjusting or reinstalling, handle the cable by the connectors rather than pulling on the wires or light guides.
- **Environment:** Ensure your PC environment is free from excessive dust and moisture to prevent damage to electronic components.

5. TROUBLESHOOTING

5.1 No RGB Lighting or Not Detected by Software

- **Verify Controller:** Confirm that you have a compatible L-Wireless Controller connected to your system and that it is powered on. This model (PW12-1W) does not include the controller.
- **Check Connections:** Ensure all 8-pin power connectors are securely seated in both the GPU and the power supply. Also, verify the L-Wireless Controller's USB connection.
- **Software Installation:** Make sure the latest version of Lian Li L-Connect 3 software is installed and running.
- **Power Cycle:** Perform a full power cycle of your PC (shut down, unplug from wall, wait 30 seconds, plug back in, restart).
- **Driver Updates:** Ensure your graphics card drivers and motherboard chipset drivers are up to date.

5.2 Intermittent Lighting or Flickering

- **Secure Connections:** Recheck all power and controller connections for looseness.
- **Power Supply Capacity:** Ensure your power supply unit (PSU) has sufficient wattage to power your GPU and all connected RGB accessories.
- **Software Settings:** Check L-Connect 3 for any conflicting lighting profiles or settings. Try resetting to a default profile.

6. SPECIFICATIONS

Feature	Detail
Brand	Lian Li
Model Name	Strimer Wireless
Model Number	PW12-1W
Cable Type	GPU 3x8-Pin RGB Power Extension Cable
Cable Length	410 mm (16.14 inches)
Light Guides	12
Special Feature	Addressable RGB, Wireless Control (Controller Not Included)
Data Transfer Rate	2.4 GHz (for wireless control)
Maximum Voltage	12 Volts (DC)
Wattage	13 watts
Color	Multicolor
Recommended Use	Power and RGB lighting for compatible PC components

Feature	Detail
Item Weight	0.3 Kilograms

NAME	MODEL NO	DIMENSIONS	CABLE LENGTH	LIGHT GUIDES	NUMBER OF LEDS	LED POWER CONSUMPTION	HARDWARE PROTECTION
Strimer Wireless 16-8	PW16-8W	370x37x50.6mm	340mm	8	116	8.1W	1 year
Strimer Wireless 16-12	PW16-12W	370x37x50.6mm	340mm	12	174	12.15W	1 year
Strimer Wireless GPU 2x8-PIN	PW8-1W	382x15x42mm	340mm	8	116	8.1W	1 year
Strimer Wireless CPU 2x8-PIN	PW8-1W-CPU	315x18.3x42mm	260mm	8	88	6W	1 year
Strimer Wireless 24P (Controller Included)	PW24-1W-T	315x18.3x60mm	260mm	12	132	9W	1 year
Strimer Wireless 24P	PW24-1W	315x18.3x60mm	260mm	12	132	9W	1 year

Detailed specifications table for various Strimer Wireless models.

7. PACKAGE CONTENTS

The Lian Li Strimer Wireless 3x8-Pin GPU RGB Power Extension Cable (PW12-1W) package includes:

- 1x Lian Li Strimer Wireless 3x8-Pin GPU RGB Power Extension Cable (PW12-1W)

Note: The L-Wireless Controller is not included with this specific model and must be purchased separately or obtained from a compatible Lian Li product.



Image showing the package contents for various Lian Li Strimer Wireless cables. The PW12-1W is typically shown on the far right.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please visit the official Lian Li website or contact their customer support. You can also visit the [Lian Li Store on Amazon](#) for additional product information and resources.
