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DS leddess DS-S-R0430

DS leddess S Series Red LED Strip Computer Case Lighting Kit Instruction Manual

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your DS leddess S Series Red LED Strip Computer Case Lighting Kit. Please read this manual thoroughly before use to ensure proper functionality and safety. This kit is designed to enhance the aesthetic of your PC case with vibrant red lighting.

2. Product Overview

2.1. Features

- **Magnetic Design:** The LED strips are equipped with magnets for secure attachment to ferrous surfaces within your PC case.
- **Easy Installation:** Features a plug-and-play design with a Molex connector for straightforward setup.
- **Optimal Length:** Each LED strip measures 19.7 inches (50 cm) with an additional 7.9 inches (20 cm) cable for flexible placement.
- **High Brightness:** Super bright LEDs provide an enhanced lighting effect for your computer components.

2.2. What's in the Box

- 4 x DS leddess S Series Red LED Strip Computer Case Lighting

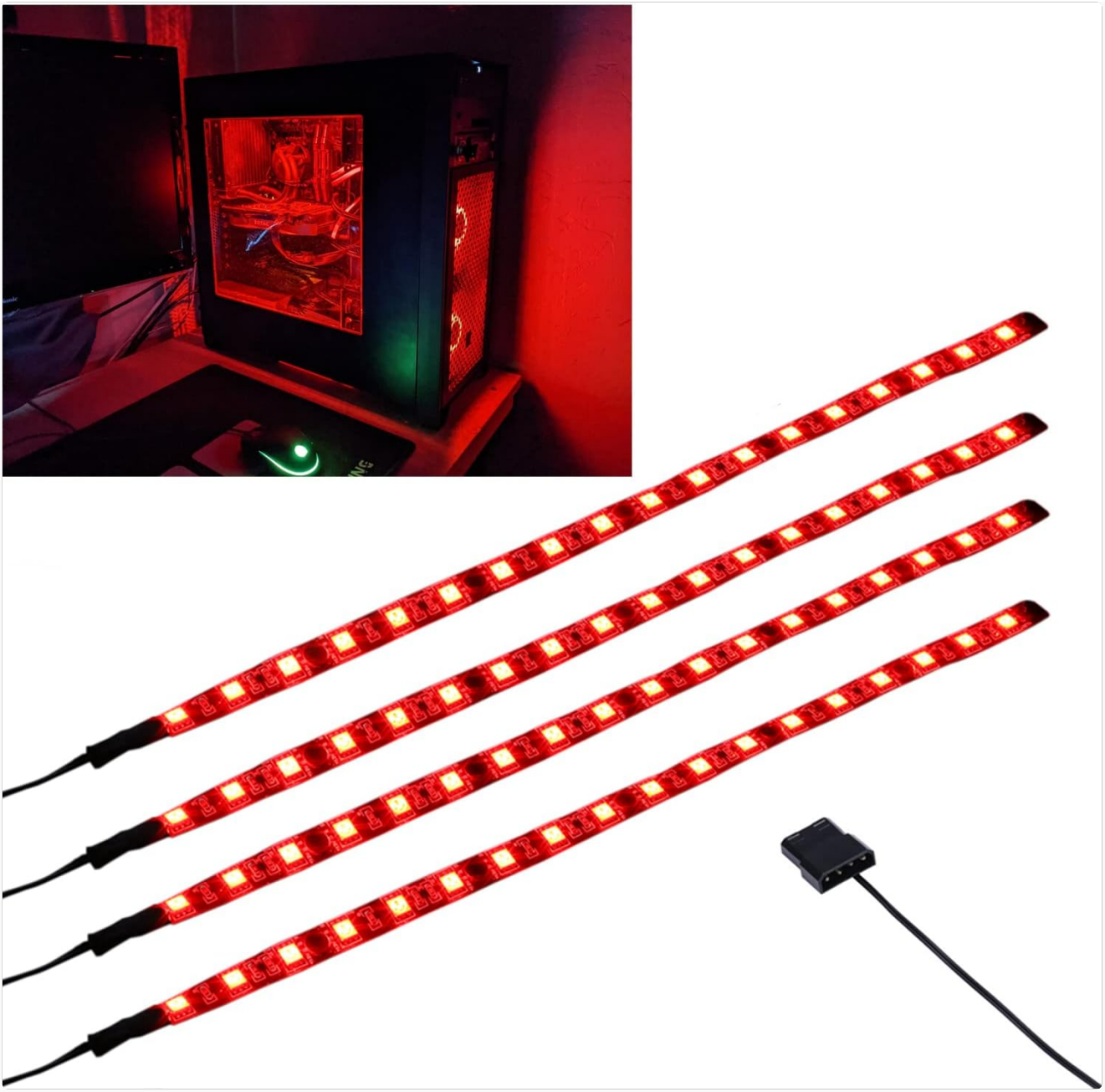


Image 2.2.1: Contents of the DS leddess S Series Red LED Strip Computer Case Lighting Kit, showing four LED strips and an example of their use inside a PC case.

3. Setup and Installation

Follow these steps to install your DS leddess S Series Red LED Strips:

1. **Prepare Your PC Case:** Ensure your computer is powered off and unplugged from the wall outlet. Open your PC case to access the interior.
2. **Identify Placement:** Determine the desired locations for the LED strips within your PC case. The magnetic design allows for flexible placement on any ferrous (magnetic) surface.
3. **Attach LED Strips:** Gently place the LED strips onto the chosen magnetic surfaces. The magnets will hold them in place. Adjust their position as needed to achieve the desired lighting effect.



Image 3.1: An LED strip demonstrating magnetic attachment to a PC case interior.

4. **Connect Power:** Locate an available Molex power connector from your power supply unit (PSU). Connect the Molex connector from the LED strip cable to the PSU's Molex connector. If installing multiple strips, they can be daisy-chained if your PSU has multiple Molex connectors or if the strips are designed for it. This kit includes 4 strips, each with its own Molex connector.

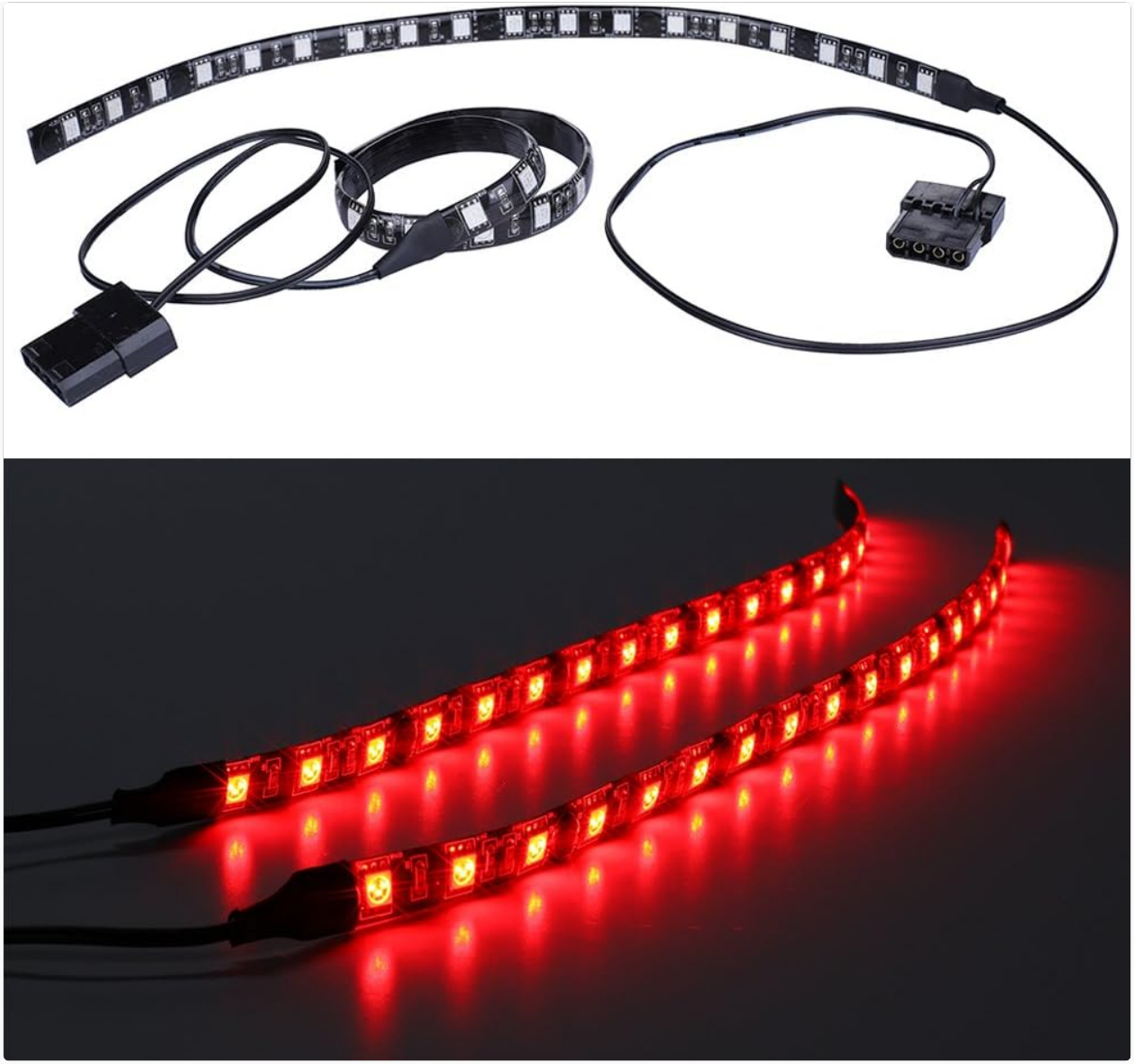


Image 3.2: Red LED strips showing their Molex power connectors for connection to the power supply.

5. **Cable Management:** Route the cables neatly to avoid interference with other components and to maintain good airflow.
6. **Close Case and Power On:** Once all strips are securely installed and connected, close your PC case. Plug in and power on your computer. The LED strips should illuminate.

Note: *If using the product outside a computer case, an additional DC to Molex connector cable may be required, or the Molex connector can be cut for custom wiring (advanced users only).*



Image 3.3: Example of red LED strips installed and illuminating the interior of a PC case.

4. Operation

The DS leddess S Series Red LED Strips are designed for simple plug-and-play operation:

- Once properly connected to a Molex power connector from your PC's power supply, the LED strips will illuminate automatically when your computer is powered on.
- The lights will turn off when your computer is shut down or put into sleep mode, depending on your power supply's configuration.
- There are no external controls or buttons for these specific LED strips; their operation is directly linked to the power supplied via the Molex connector.

5. Maintenance

To ensure the longevity and optimal performance of your LED strips, follow these maintenance guidelines:

- **Cleaning:** Periodically, with the computer powered off and unplugged, gently wipe the LED strips with a dry, soft cloth to remove dust accumulation. Do not use liquid cleaners directly on the strips.
- **Inspection:** Regularly check the power connections to ensure they are secure. Inspect the strips for any visible damage or loose components.
- **Environment:** Ensure your PC case has adequate ventilation to prevent excessive heat buildup, which can affect the lifespan of electronic components, including LED strips.

6. Troubleshooting

If you encounter issues with your LED strips, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
LED strips do not light up.	No power or loose connection.	Ensure the Molex connector is securely plugged into the PSU. Verify the PSU is functioning correctly.
Lights are dim or flickering.	Insufficient power or faulty strip.	Check PSU connections. If multiple strips are connected, try connecting them individually to rule out power distribution issues. If problem persists, contact support.
Strips do not adhere magnetically.	Surface is not ferrous or magnets are obstructed.	Ensure the mounting surface inside the PC case is made of a magnetic material (e.g., steel). Clean the surface and the magnets on the strip.

7. Specifications

Specification	Detail
Model Number	DS-S-R0430

Specification	Detail
LED Strip Length	19.7 inches (50 cm)
Cable Length	7.9 inches (20 cm)
Number of LEDs per Strip	18 LEDs
LED Type	LED
Light Color	Red
Magnets	Black Sintered NdFeB Permanent Magnets
Power Connector	Molex Connector
Rated Voltage	DC 12V
Wattage	5 watts
Item Weight	0.1 Kilograms (3.52 ounces)
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant

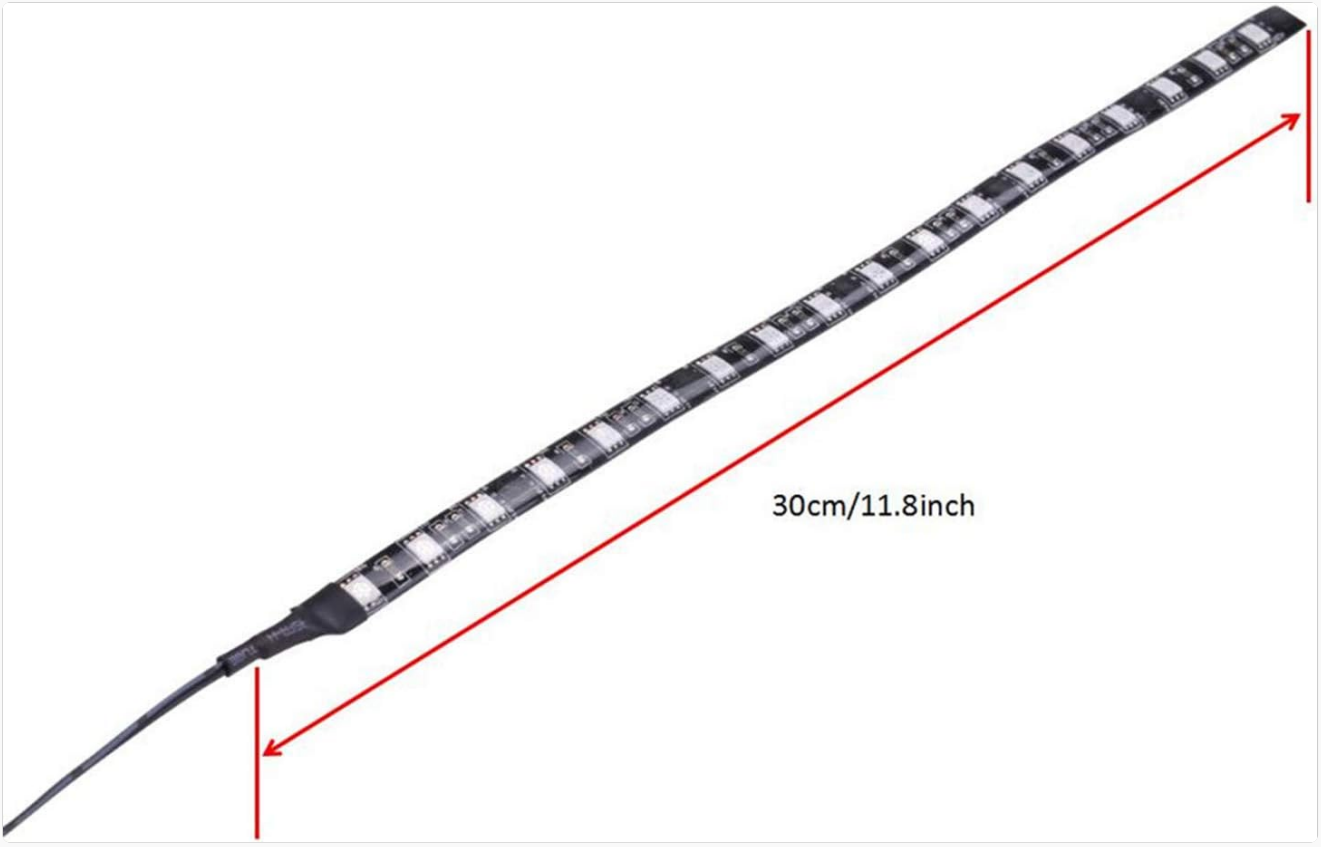


Image 7.1: Diagram showing the length of a single LED strip.

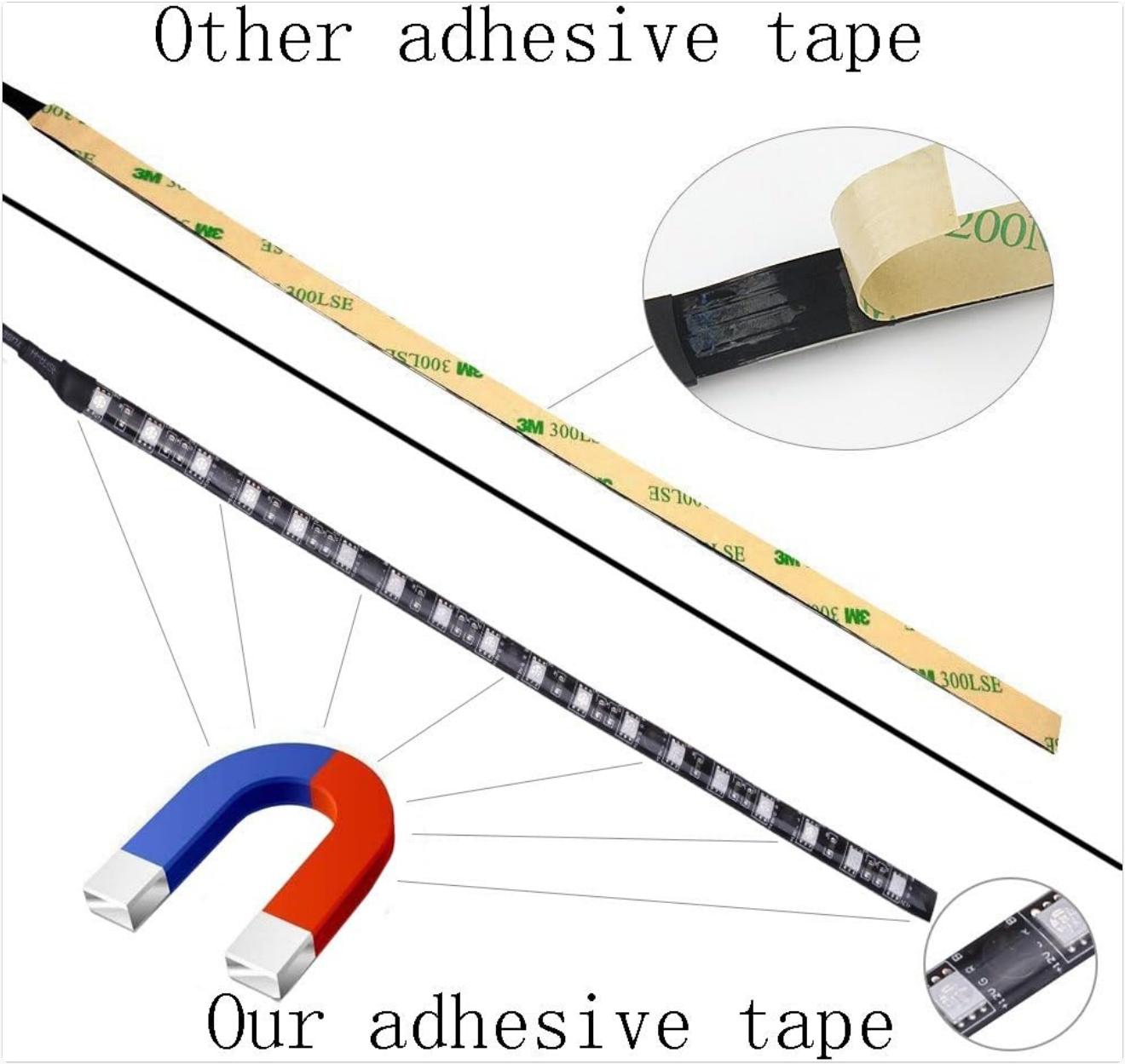


Image 7.2: Illustration of the magnetic design feature compared to traditional adhesive tape.

8. Warranty and Support

DS leddess provides a warranty for defective products. If you receive any defective products, please contact DS leddess customer support immediately. A new replacement will be offered to you.
For further assistance or inquiries, please refer to the official DS leddess store or contact their customer service channels.

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