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Paulmann 71193

Paulmann 71193 Solar LED Strip User Manual

Model: 71193

INTRODUCTION

The Paulmann 71193 Solar LED Strip is designed to provide atmospheric and efficient accent lighting for your home and garden. This 5-meter warm white LED strip is powered by a high-quality solar panel, offering an environmentally friendly lighting solution that operates independently of a direct power outlet. It features a twilight sensor for automatic activation and comes with a remote control for convenient operation, including dimming and timer functions. The replaceable 18650 Li-ion battery ensures long-term reliability.

SAFETY INFORMATION

- Ensure all components are securely connected before use.
- Do not attempt to modify or disassemble the product. This may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure optimal charging performance.
- This product is designed for outdoor use and is IP65 water-protected. However, avoid submerging the components in water.
- Dispose of batteries responsibly according to local regulations.
- Keep out of reach of children.

PACKAGE CONTENTS

Please check the package to ensure all items are present and undamaged:

- 1 x LED Strip (5 meters)
- 1 x Remote Control
- 1 x Controller (integrated with solar panel)
- 1 x Ground Stake for solar panel



Image: All included components of the Paulmann Solar LED Strip.

SETUP

- 1. Solar Panel Placement:** Choose a location for the solar panel that receives direct sunlight for at least 6-8 hours daily. This is crucial for optimal charging. The included ground stake allows for easy installation in soft ground. You can also hang the solar panel using its integrated hook.





Image: Solar panel with ground stake.

2. **LED Strip Installation:** Unroll the 5-meter LED strip. The strip is flexible and can be placed along paths, garden beds, or other outdoor features. Ensure the strip is not kinked or sharply bent during installation. The IP65 rating ensures protection against water jets, making it suitable for outdoor environments.



Image: LED strip showing water protection.

3. **Connecting Components:** Connect the cable from the LED strip to the output port on the solar panel controller. Ensure the connection is secure.
4. **Initial Charge:** Before first use, allow the solar panel to charge in direct sunlight for a full day (approximately 6.5 hours) to ensure the internal battery is sufficiently charged.

OPERATION

The Paulmann Solar LED Strip offers both automatic and manual control options.

Automatic Operation (Twilight Sensor)

The integrated twilight sensor automatically turns the LED strip on when it gets dark and off when it becomes light. This feature ensures energy efficiency and convenience.

Solar LED-Strips

Licht ohne Stromanschluss



Schaltet durch Dämmerungssensor
bei Dunkelheit automatisch ein

Image: Automatic activation via twilight sensor.

Remote Control Functions

The included remote control provides full command over your LED strip:



Image: Remote control for the LED strip.

- **Power Button (Red):** Press to turn the LED strip ON or OFF.
- **Mode Buttons (+/-):** Adjust the lighting mode (if multiple modes are available, e.g., steady on, flashing).
- **Dim Level Buttons (Sun icons):** Increase or decrease the brightness of the LED strip.
- **Timer Mode Buttons (3, 5, 8 hours):** Set the LED strip to automatically turn off after 3, 5, or 8 hours. Press 'OFF' to cancel the timer.

You can also manually turn the light ON/OFF directly on the solar panel unit using the dedicated button.



Image: Control interface on the solar panel.

MAINTENANCE

- Cleaning the Solar Panel:** Regularly wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- Battery Replacement:** The solar panel uses a standard 18650 Li-ion battery. If the lighting duration significantly decreases over time, the battery may need replacement. Refer to the battery compartment on the solar panel for instructions on how to safely replace it. Ensure you use a compatible 18650 1500 mAh battery.
- Storage:** If storing the LED strip for an extended period, especially during winter months, ensure the battery is fully charged before storage. Store in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
LED strip does not light up at night.	Insufficient solar charge.	Ensure solar panel is placed in direct sunlight for at least 6-8 hours daily. Clean the solar panel surface.
Light is dim or only lasts a short time.	Battery not fully charged or aging battery.	Allow more charging time. Consider replacing the 18650 battery if performance does not improve.

Problem	Possible Cause	Solution
Remote control not working.	Remote battery depleted or obstruction.	Replace the remote control battery. Ensure there is no obstruction between the remote and the solar panel/controller.
LED strip flickers.	Low battery charge or faulty connection.	Ensure the battery is fully charged. Check all cable connections for tightness.

SPECIFICATIONS

Feature	Detail
Brand	Paulmann
Model Number	71193
Product Dimensions (L x W x H)	2.6 x 10.1 x 11.1 cm (solar unit); 5 meters (LED strip)
Item Weight	410 g
Color	Black (solar unit), Warm White (LEDs)
Number of Light Sources	300 LEDs
Components Included	1 strip (5 m), 1 remote control, 1 controller, 1 ground stake
Voltage	5 Volts
Power Source Type	Solar Powered
Battery Included	No (refers to initial purchase, but a replaceable 18650 battery is required and typically pre-installed for solar products)
Battery Required	Yes (18650 Li-ion)
Power	2.8 Watts
Color Temperature	2700 Kelvin (Warm White)
Connectivity Protocol	Infrared (for remote control)
Indoor/Outdoor Use	Outdoor
Charging Time	Approx. 6.5 hours (full sunlight)
Lighting Duration	Approx. 4 hours (on full charge)

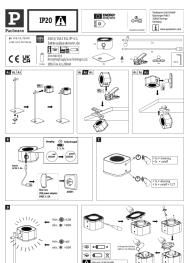
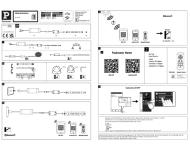
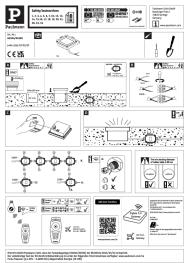
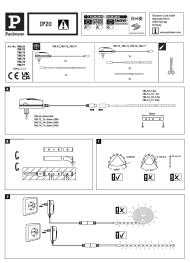
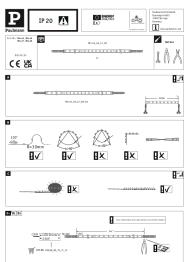
WARRANTY AND SUPPORT

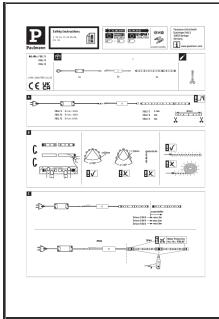
For warranty information and customer support, please refer to the Paulmann official website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance or technical inquiries, please visit the Paulmann support page or contact their customer service department.

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Related Documents - 71193

	<p><u>Paulmann Varia LED Lamp - User Manual and Specifications</u></p> <p>Detailed information on the Paulmann Varia LED lamp, including specifications, assembly instructions, usage guidelines, and component replaceability.</p>
	<p><u>Paulmann MaxLED 500 LED Strip Smart Home Bluetooth Installation Guide</u></p> <p>This guide details the installation and operation of the Paulmann MaxLED 500 LED strip system (models 709.07, 709.08), a smart home lighting solution controllable via Bluetooth and the Paulmann Home app.</p>
	<p><u>Paulmann 94504/94595 LED Ground Recessed Luminaire Smart Home Zigbee Installation Guide</u></p> <p>Detailed installation and safety instructions for the Paulmann 94504/94595 LED ground recessed luminaire. Features Smart Home Zigbee 3.0 connectivity, IP67 rating, and 230V power. Includes multilingual guidance on installation, replaceability, and disposal.</p>
	<p><u>Paulmann SimpLED LED Strip Lighting System - Installation and Product Guide</u></p> <p>Comprehensive guide for Paulmann SimpLED LED strip lighting systems, including installation instructions, product details, and replaceability information for models 789.53, 789.72, 789.73, 789.74, 789.75, 789.76, and 789.77.</p>
	<p><u>Paulmann Pro LED Strip Gold P150 Series - Installation Guide and Specifications</u></p> <p>Detailed installation guide and technical specifications for the Paulmann Pro LED Strip Gold P150 series (models 784.45-784.48), including connection diagrams, performance data, and safety information.</p>



[Paulmann LED-Streifenbeleuchtung: Sicherheit, Installation und technische Informationen](#)

Umfassender Leitfaden für Paulmann LED-Streifen, Artikelnummern 788.71, 788.72, 788.73, einschließlich Sicherheitshinweisen, Energieeffizienz, Installationsdetails und technischen Spezifikationen. Enthält mehrsprachige Supportinformationen.