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› Leviton 5100-IS2 Surge Protected Power Strip User Manual

Leviton 5100-IS2

Leviton 5100-IS2 Surge Protected Power Strip User Manual

Model: 5100-IS2 | Brand: Leviton

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Leviton 5100-IS2 Surge Protected Power Strip. This device is designed to protect sensitive electronic equipment from damaging voltage transients, commonly known as power surges. It features six outlets, a power switch, and diagnostic indicators to ensure proper operation and protection.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected equipment.

- **Indoor Use Only:** This power strip is designed for indoor use in dry locations. Do not expose to water, moisture, or excessive humidity.
- **Electrical Ratings:** Do not exceed the electrical ratings of 120 Volts and 20 Amps. Overloading the power strip can cause overheating and fire.
- **Proper Grounding:** Always plug the power strip into a properly grounded 3-prong wall outlet. Do not remove the grounding prong.
- **Avoid Daisy-Chaining:** Do not plug one power strip into another.
- **Cord Care:** Do not run the power cord through doorways, under carpets, or near heat sources. Inspect the cord regularly for damage.
- **Children and Pets:** Keep out of reach of children and pets.
- **UL Compliance:** This device is listed to UL 1449 3rd Edition Standards, ensuring a level of safety and performance.

3. PRODUCT OVERVIEW

The Leviton 5100-IS2 is a heavy-duty, 6-outlet surge protected power strip. Below is an image illustrating its key components:

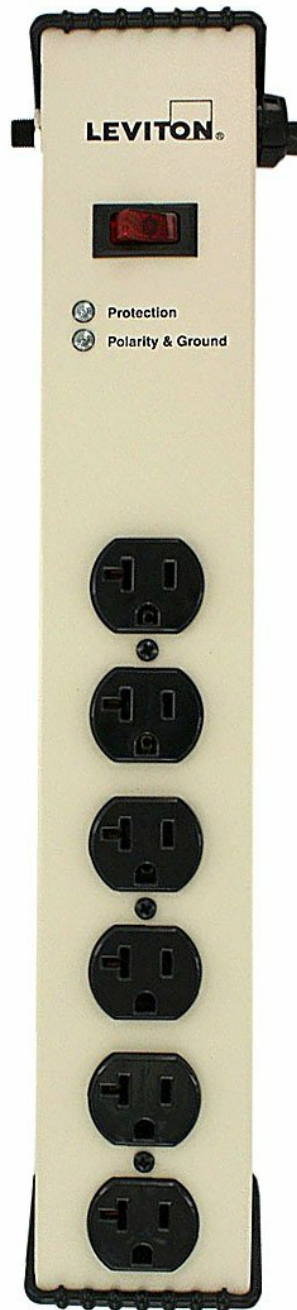


Figure 1: Leviton 5100-IS2 Surge Protected Power Strip. This image shows the beige-colored power strip with six NEMA 5-15R outlets, a red illuminated power switch, and two diagnostic indicator lights labeled 'Protection' and 'Polarity & Ground'. The heavy-duty 6-foot cord is visible at the top.

Key Components:

- **Six NEMA 5-15R Outlets:** Provide power connections for your devices.
- **Illuminated Power Switch:** Controls power to all outlets. The switch illuminates when power is on.
- **Protection Indicator LED:** A green light indicating that the surge protection circuitry is active and functioning.
- **Polarity & Ground Indicator LED:** A green light indicating that the wall outlet wiring is correctly grounded and has proper polarity.
- **Heavy-Duty 6-Ft Cord:** Provides durable and sufficient reach for connection.

4. SETUP

Follow these steps to set up your Leviton 5100-IS2 power strip:

1. **Unpack:** Carefully remove the power strip from its packaging.

2. **Placement:** Place the power strip on a stable, dry surface, away from direct sunlight, heat sources, and moisture. Ensure adequate ventilation around the unit.
3. **Connect to Wall Outlet:** Plug the power strip's cord into a standard, properly grounded 120 Volt, 20 Amp wall outlet.
4. **Verify Indicators:** Once plugged in, ensure that both the 'Protection' and 'Polarity & Ground' indicator LEDs are illuminated green. If either light is off, refer to the Troubleshooting section.
5. **Connect Devices:** Plug your electronic devices into the outlets on the power strip. Ensure the total current draw of all connected devices does not exceed 20 Amps.

5. OPERATING

Using your Leviton 5100-IS2 power strip is straightforward:

- **Powering On/Off:** Use the illuminated power switch to turn the power strip on or off. When the switch is in the 'ON' position, it will light up, and power will be supplied to the outlets.
- **Monitoring Protection:** The green 'Protection' LED indicates that the surge protection components are active and providing protection. If this light goes out, the surge protection has been compromised, and the unit should be replaced to ensure continued protection.
- **Monitoring Wiring:** The green 'Polarity & Ground' LED confirms that the wall outlet is correctly wired and grounded. If this light is off, there is a wiring issue with your wall outlet, and you should consult a qualified electrician before using the power strip with that outlet.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your power strip:

- **Cleaning:** Always unplug the power strip from the wall outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners, aerosols, or harsh chemicals, as they may damage the unit or pose a shock hazard.
- **Inspection:** Periodically inspect the power cord, plug, and the power strip's housing for any signs of damage, such as cuts, fraying, or cracks. If damage is found, discontinue use immediately and replace the unit.
- **Environmental Conditions:** Ensure the power strip remains in a dry, indoor environment. Avoid placing it in areas with high humidity or extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Leviton 5100-IS2 power strip, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
No power to outlets, power switch not illuminated.	Power switch is off, wall outlet has no power, or circuit breaker tripped.	Ensure power switch is ON. Check the wall outlet by plugging in another device. Check your home's circuit breaker panel and reset if necessary.
Protection LED is off.	Surge protection has been compromised (e.g., by a significant power surge).	The unit no longer provides surge protection. Replace the power strip to ensure continued protection for your devices.
Polarity & Ground LED is off.	Wall outlet is improperly wired or not grounded.	Do not use the power strip with this outlet. Consult a qualified electrician to inspect and correct the wiring of the wall outlet.

Problem	Possible Cause	Solution
Devices connected to the power strip frequently lose power.	Overload of connected devices exceeding the 20 Amp rating.	Unplug some devices to reduce the total current draw. Ensure the total amperage of all connected devices does not exceed 20 Amps.

8. SPECIFICATIONS

Detailed technical specifications for the Leviton 5100-IS2 Surge Protected Power Strip:

Feature	Specification
Model Number	5100-IS2
Voltage Rating	120 Volts
Amperage Capacity	20 Amps
Number of Outlets	6
Cord Length	6 Feet
Body Material	Aluminum
Dimensions (L x W x D)	15.73 x 2.92 x 0.04 inches
Item Weight	2.2 pounds
Certification	UL Listed (UL 1449 3rd Edition Standards)
Special Features	Surge Protection

9. WARRANTY AND SUPPORT

Warranty Information:

The Leviton 5100-IS2 Surge Protected Power Strip comes with a**5-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, warranty claims, or further information regarding your Leviton product, please visit the official Leviton website or contact their customer service department. Contact details can typically be found on the Leviton website or product packaging.