

TROND Prime V

TROND Prime V 13-Outlet Surge Protector Power Strip User Manual

Model: Prime V

1. INTRODUCTION

Thank you for choosing the TROND Prime V Surge Protector Power Strip. This manual provides essential information for the safe and efficient use of your device. Please read it thoroughly before operation and retain it for future reference.

2. SAFETY INFORMATION

Your TROND Prime V Surge Protector is designed with multiple safety features to protect your electronic devices. Adhere to the following safety guidelines:

- **ETL Listed:** This product is ETL listed, ensuring it meets recognized safety standards.
- **4000 Joules Surge Protection:** Provides robust protection against power disturbances, including lightning, surges, and spikes.
- **UL94 V-0 Flame-Retardant Material:** Constructed from high-grade flame-retardant material for enhanced fire safety.
- **Multiple Protections:** Features overload protection, over-charge protection, over-current protection, short-circuit protection, over-temperature protection, and lightning protection.
- Do not exceed the maximum power rating of 1875W (125V~15A).
- Avoid using in wet environments.
- Do not disassemble or modify the device.



Figure 2.1: Top-down view of the TROND Prime V Surge Protector Power Strip.

Power Strip with USB C Ports

3 USB-A Ports and 1 USB-C Port

USB-A
5V/2.4A Max

USB-C
5V/3.0A Max

Total
5V/3.4A 17W



Figure 2.2: Internal view highlighting the 4000 Joules surge protection components.

Multiple Protections



Overload
Protection



Over Charge
Protection



Over Current
Protection



Short Circuit
Protection



Over Temperature
Protection



Lightning
Protection



Fire
Resistance

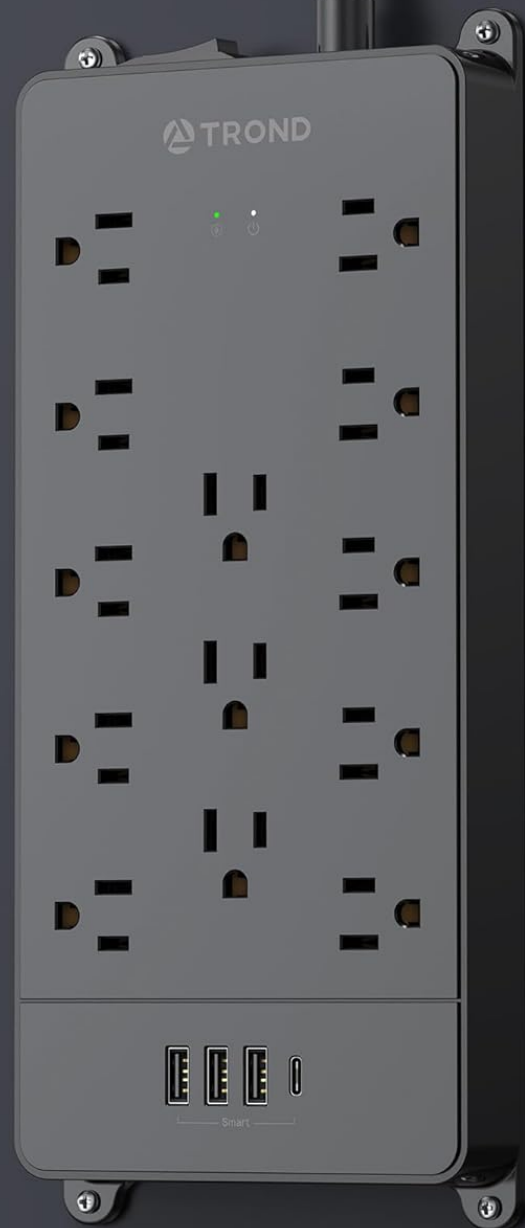


Figure 2.3: Diagram illustrating the multiple protection features including overload, over-charge, over-current, short-circuit, over-temperature, lightning protection, and fire resistance.

3. PRODUCT OVERVIEW

The TROND Prime V is a versatile power strip designed to provide extensive power and charging capabilities while ensuring device safety. It features:

- **13 Widely-Spaced AC Outlets:** Ample space between outlets (38mm) accommodates larger power adapters without blocking adjacent ports.
- **4 USB Charging Ports:** Includes 3 USB-A ports and 1 USB-C port, offering a total USB output of 17W

for charging various mobile devices.

- **5ft 14AWG Heavy-Duty Extension Cord:** A robust 5-foot cord made of 14AWG pure copper ensures better current carrying capacity (15A).
- **Low-Profile 45° Angled Flat Plug:** The space-saving flat plug design allows furniture to sit closer to the wall and prevents blocking the bottom wall receptacle.
- **Wall Mountable Design:** Equipped with 4 screw-mounting tabs for secure installation in various locations.



Figure 3.1: TROND Prime V Power Strip providing power for multiple devices on a desk.

Wall Mount Power Strip

Unique Screw Mountable Design



Figure 3.2: Detail of the USB-A and USB-C charging ports.

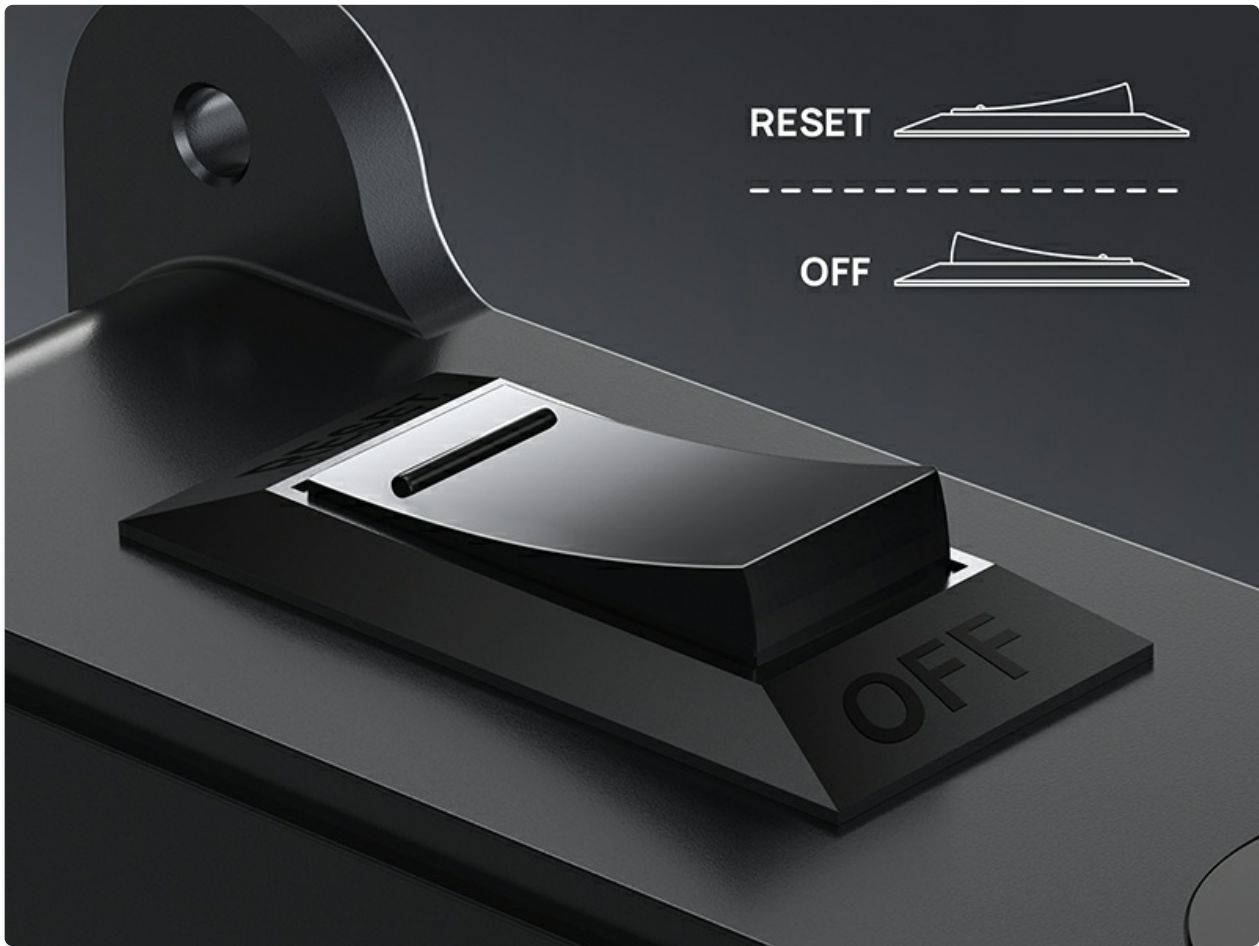


Figure 3.3: The low-profile 45° angled flat plug design.



Figure 3.4: The 14AWG heavy-duty pure copper extension cord.

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Video 3.1: Overview of the TROND 4000J Power Strip Surge Protector with 13 Outlets & 4 USB ports.

4. SETUP

Follow these steps to set up your TROND Prime V Surge Protector:

1. **Placement:** Choose a suitable location for the power strip, ensuring it is away from moisture and heat sources.
2. **Plug In:** Connect the low-profile flat plug of the power strip into a standard wall outlet. The 45° angled design allows for easy placement behind furniture.
3. **Wall Mounting (Optional):** If desired, use the 4 screw-mounting tabs located on the sides of the power strip to securely attach it to a wall, desk, or workbench. Screws are included for convenience.
4. **Connect Devices:** Plug your electronic devices into the widely-spaced AC outlets and USB charging ports.

Unlock Life Space

Hidden Behind Furniture

TROND

0.55in



United States Design Patent NO.:

D1006760

OTHERS

Figure 4.1: TROND Prime V Power Strip securely mounted on a wall.

4000J Surge Protection

Protect Your Home/Office
Electronics from Power
Disturbances, Such as
Lightning, Surges, or Spikes.



Figure 4.2: The low-profile flat plug allows furniture to sit closer to the wall.

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Video 4.1: Demonstration of mounting the power strip and connecting devices.

5. OPERATING INSTRUCTIONS

Operating your TROND Prime V Surge Protector is straightforward:

- **Power Switch:** The power strip features a master ON/OFF switch. Press the switch to turn the power strip on or off.

- **Indicator Lights:** Two LED indicator lights are present on the top surface:
 - **Protected (Green):** Illuminates when surge protection is active and functioning correctly.
 - **Power (Blue):** Illuminates when the power strip is receiving power and is turned ON.
- **Charging Devices:** Connect your devices to the AC outlets or the USB-A/USB-C ports for power and charging. The smart USB ports automatically detect and deliver optimal charging current.



Figure 5.1: The master ON/OFF switch and LED indicator lights.



Figure 5.2: USB ports actively charging a device.

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Video 5.1: Demonstration of the power strip in use, highlighting its features.

6. MAINTENANCE

To ensure the longevity and safe operation of your TROND Prime V Surge Protector:

- **Cleaning:** Disconnect the power strip from the wall outlet before cleaning. Use a dry, soft cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Inspection:** Periodically inspect the power cord and the unit for any signs of damage, such as frayed wires, cracks, or loose connections. If any damage is found, discontinue use immediately and contact customer support.
- **Storage:** When not in use for extended periods, store the power strip in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your TROND Prime V Surge Protector, refer to the following common troubleshooting steps:

- **No Power to Devices:**

- Ensure the power strip's ON/OFF switch is in the 'ON' position and the 'Power' indicator light is illuminated.
- Check if the wall outlet is functioning by plugging in another device directly.
- Verify that the power strip's plug is fully inserted into the wall outlet.
- **Devices Not Charging via USB:**
 - Ensure the USB cable is securely connected to both the power strip and your device.
 - Try a different USB port or cable to rule out a faulty connection.
 - Confirm your device is compatible with USB charging.
- **'Protected' Indicator Light Off:**
 - If the 'Protected' (green) light is off, it indicates that the surge protection components may have been compromised due to a significant power surge. The power strip may still function as a multi-outlet extension cord, but surge protection is no longer active. It is recommended to replace the unit to ensure continued protection.
- **Overload Protection Triggered:**
 - If the power strip stops providing power, it might be due to an overload. Disconnect some devices to reduce the load.
 - Locate the circuit breaker reset button (usually on the side or back of the unit) and press it to reset the power strip.

8. SPECIFICATIONS

Feature	Detail
Model Number	Prime V
Product Dimensions	10.87 x 4.64 x 0.04 inches
Item Weight	1.56 pounds
Total Power Outlets	13 AC Outlets
USB Ports	3 USB-A, 1 USB-C (17W Total USB Output)
Surge Protection	4000 Joules
Voltage	125 Volts
Extension Cord Length	5 feet
Cord Gauge	14AWG Heavy Duty
Special Features	Wall mountable design (screws included), Widely-spaced AC outlets, Low-profile flat plug
Certifications	ETL Listed

Large Power Strip

Spacious Layout for Larger Plugs



Figure 8.1: Dimensions of the TROND Prime V Surge Protector.

9. WARRANTY AND SUPPORT

TROND provides an 18-month warranty for this product, along with a 30-day money-back guarantee. For technical support, warranty claims, or any product-related inquiries, please contact TROND customer service through their official website or the retailer where the product was purchased.

