Addtam AD5110

Addtam Surge Protector Outlet Extender AD5110 User Manual

Model: AD5110 | Brand: Addtam

1. Introduction

This manual provides comprehensive instructions for the safe and effective use of your Addtam Surge Protector Outlet Extender, model AD5110. This device is designed to expand a standard duplex wall outlet into multiple AC outlets and USB charging ports, while offering surge protection for connected electronics. Please read this manual thoroughly before installation and operation, and retain it for future reference.

2. Product Features

The Addtam Surge Protector Outlet Extender offers a range of features to enhance your power access and device protection:

- **10-in-1 Functionality:** Converts a single duplex wall outlet into 6 AC outlets and 4 USB charging ports (2 USB-A, 2 USB-C).
- **1800J Surge Protection:** Equipped with a 3-level complementary surge protector circuit (TVS, MOV, GDT) to safeguard your devices from power surges and spikes.
- **Wide-Spaced AC Outlets:** Features 6 AC outlets with 2.2 inches of space between them, accommodating larger power adapters without blocking adjacent outlets.
- **Smart USB Charging:** The 2 USB-A ports provide up to 5V/2.4A output, and the 2 USB-C ports provide up to 5V/3A output. Built-in smart technology detects connected devices and delivers optimal charging speed automatically. *Note: The USB-C ports are not Quick Charge 3.0 compatible and do not support devices requiring 9-22V charging voltage.*
- **Secure Installation:** Designed to fit snugly into duplex outlets with an optional screw for enhanced stability, preventing accidental dislodgement.
- **Safety Certified:** ETL certified and constructed with a fire-resistant ABS shell (rated for 1382°F) for improved durability and safety.



Figure 2.1: Overview of the Addtam Surge Protector's 10-in-1 features.

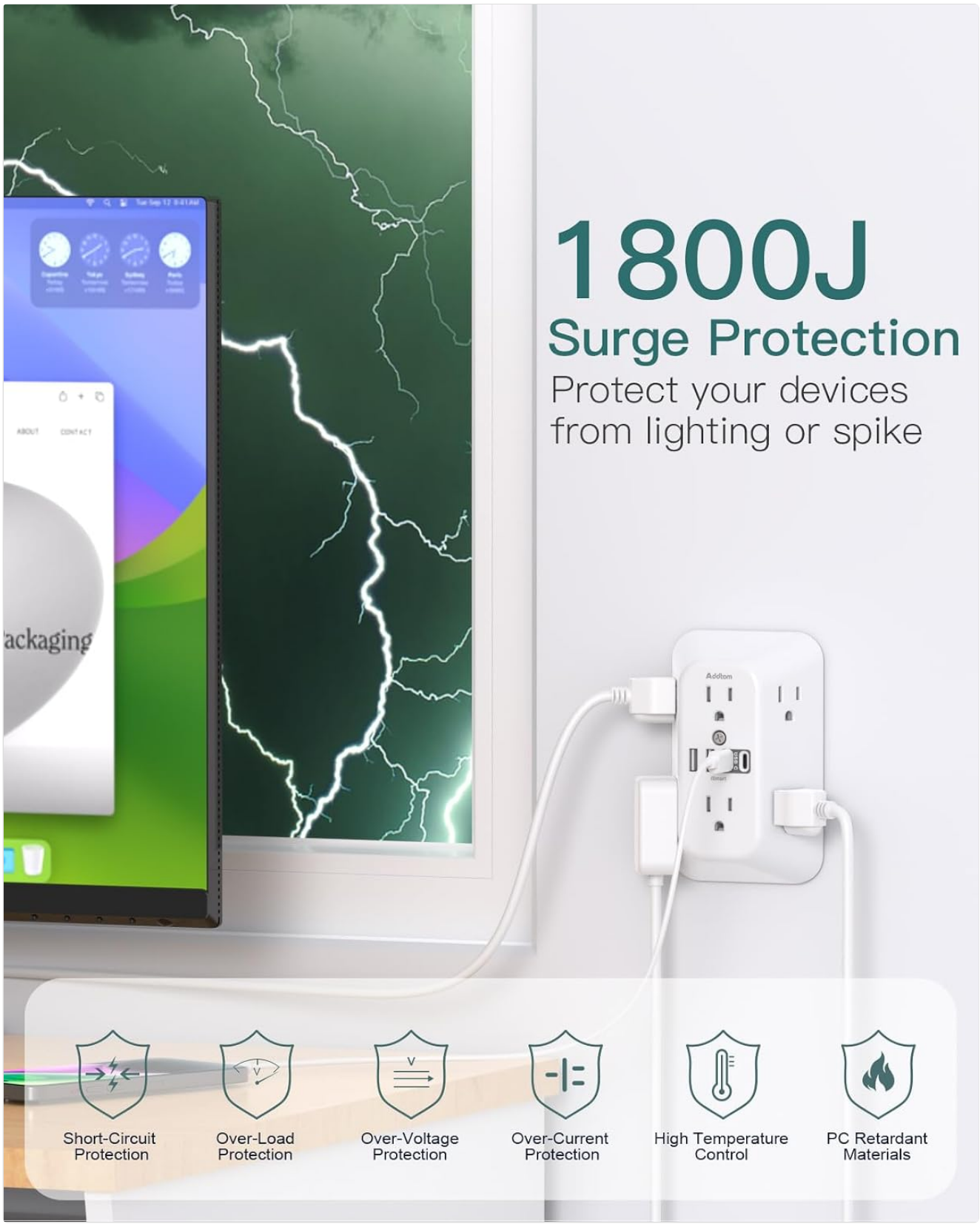


Figure 2.2: Visual representation of 1800J surge protection.

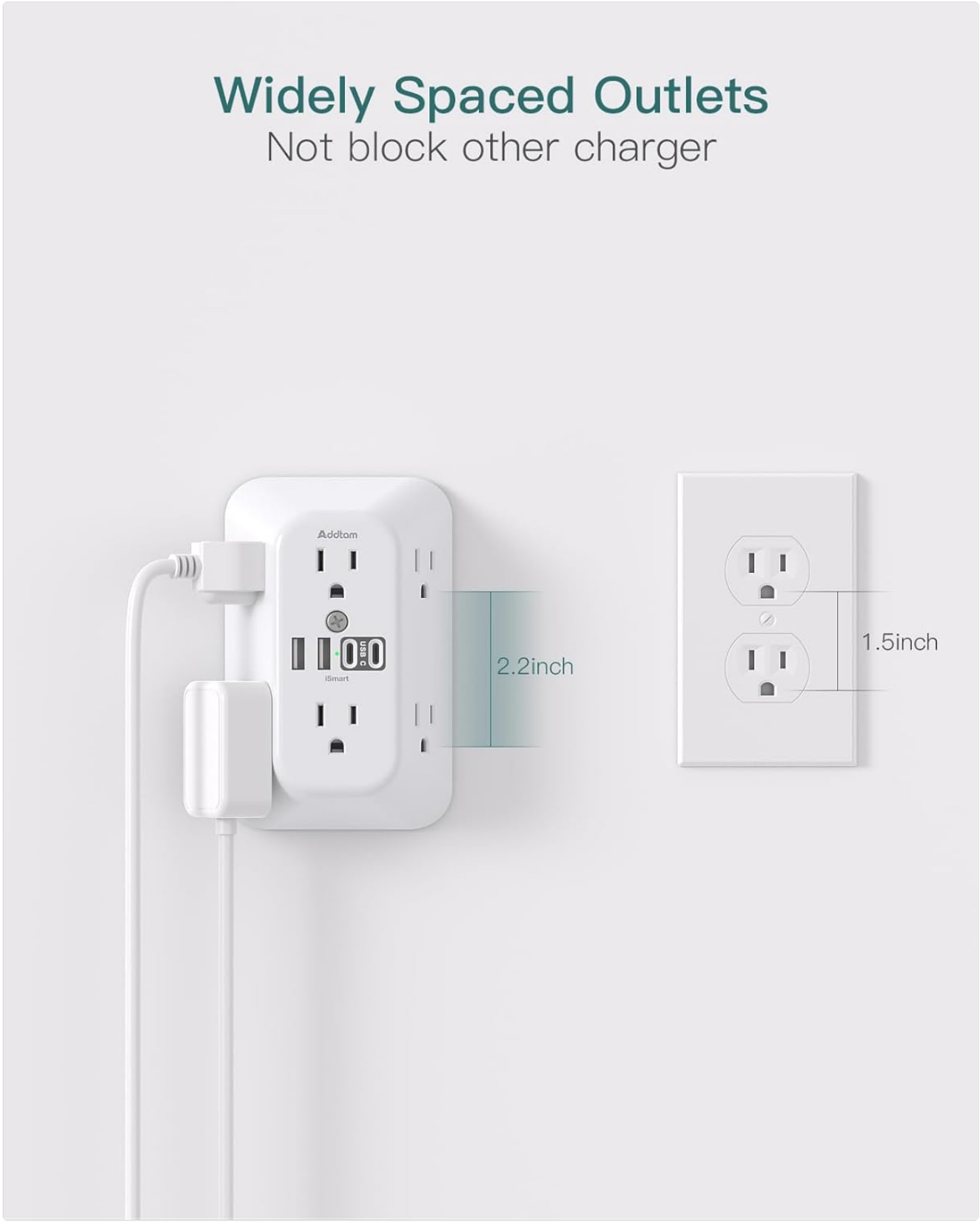


Figure 2.3: Illustration of wide-spaced outlets for accommodating large plugs.



Figure 2.4: USB-A and USB-C smart charging ports in use.

3. Setup and Installation

The Addtam Surge Protector Outlet Extender is designed for simple plug-and-play installation into a standard duplex wall outlet. Follow these steps for proper setup:

1. **Identify a Suitable Outlet:** Ensure the wall outlet is a standard 3-prong duplex outlet. The extender is compatible with standard and decor outlets. It is **not** recommended for USB receptacle or GFCI outlets unless the plastic post is removed (see Figure 3.3).

2. **Plug In:** Align the prongs of the surge protector with the openings of the duplex wall outlet and push firmly until it is securely seated.
3. **Secure with Screw (Optional but Recommended):** For enhanced stability, especially in high-traffic areas or with heavier plugs, use the provided screw to secure the extender to the center screw hole of the wall outlet plate. This prevents wobbling and accidental dislodgement.
4. **Verify Power:** A small green indicator light on the front of the unit will illuminate, confirming that the surge protector is receiving power and the surge protection is active.



Figure 3.1: Proper installation into a duplex outlet with screw for security.

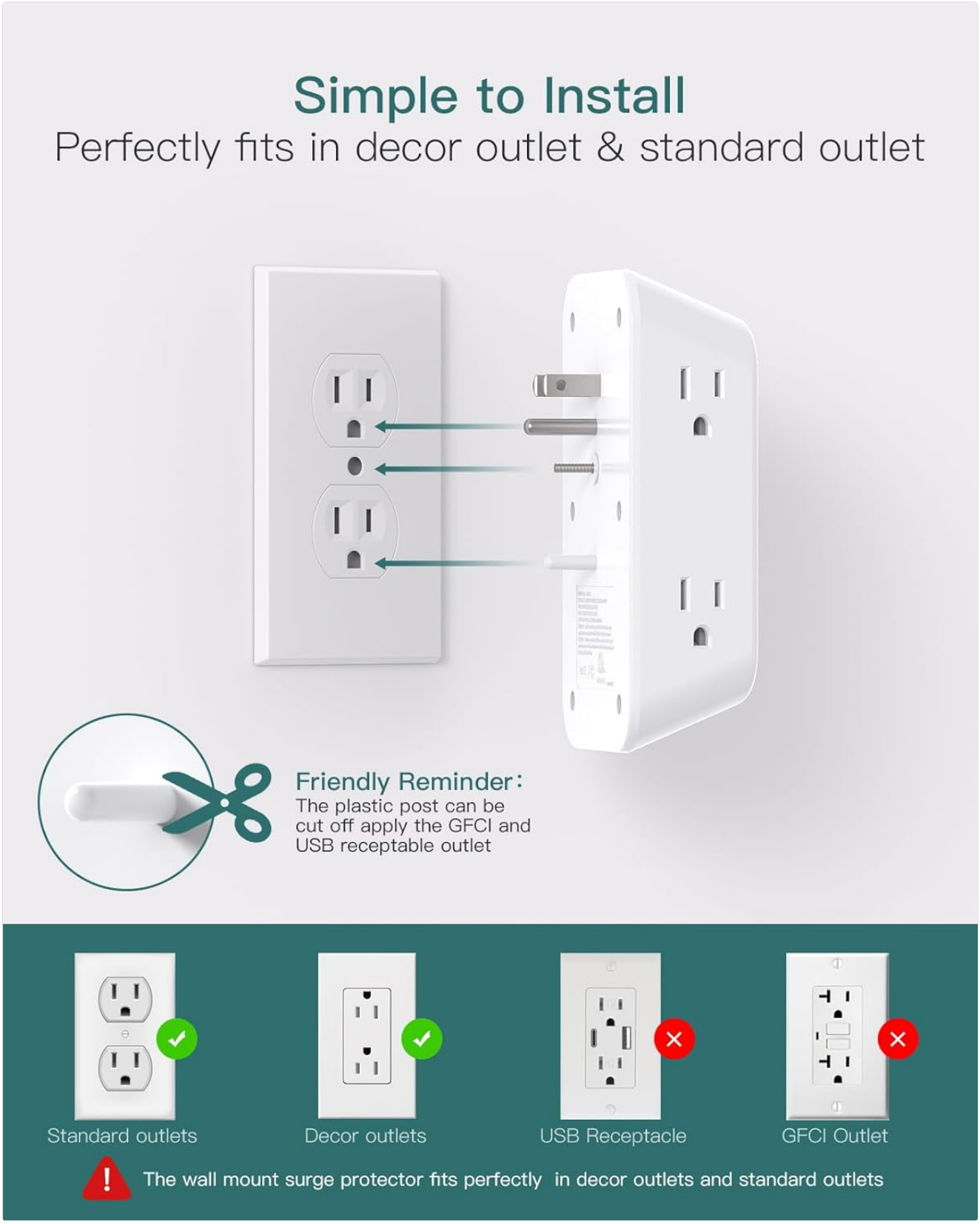


Figure 3.2: Simple installation process and outlet compatibility.

4. Operating Instructions

Once installed, the Addtam Surge Protector is ready for use:

- **AC Outlets:** Plug your electronic devices directly into any of the 6 AC outlets. Ensure that the total power draw of all connected devices does not exceed the maximum rating of the surge protector (1875W, 15A at 125V).
- **USB Charging Ports:** Connect your USB-powered devices (smartphones, tablets, smartwatches, etc.) to the USB-A or USB-C ports using appropriate charging cables. The smart charging technology will automatically

detect your device and deliver the optimal charging current.

- **Surge Protection Indicator:** The green LED light indicates that the surge protection feature is active and functioning. If this light goes out, it means the surge protection has been compromised, and the unit should be replaced to ensure continued protection for your devices.

5. Safety Information

To ensure safe operation and prevent damage to your devices or the surge protector, please observe the following safety guidelines:

- Do not exceed the maximum electrical rating of 1875W (15A at 125V). Overloading can cause overheating and potential fire hazards.
- This device is for indoor use only. Do not expose to moisture or use in wet environments.
- Do not disassemble or modify the surge protector. Refer all servicing to qualified personnel.
- Keep children away from the surge protector and connected devices.
- Avoid plugging high-wattage appliances such as space heaters, microwaves, or hair dryers into the surge protector, as this may exceed its capacity.
- If the surge protection indicator light is off, the surge protection feature is no longer active. While the outlets may still provide power, your devices will not be protected from surges. Replace the unit immediately.
- Ensure the surge protector is firmly plugged into the wall outlet. A loose connection can generate heat and pose a fire risk.

6. Maintenance

The Addtam Surge Protector requires minimal maintenance:

- **Cleaning:** Disconnect the surge protector from the wall outlet before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Inspection:** Periodically inspect the unit for any signs of damage, such as cracks in the casing or discoloration. If damage is observed, discontinue use and replace the unit.
- **Surge Protection Indicator:** Regularly check the green LED indicator light. If it is off, the surge protection has been consumed, and the unit should be replaced.

7. Troubleshooting

If you encounter issues with your Addtam Surge Protector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power from AC outlets or USB ports.	Unit not properly plugged in; Wall outlet not functioning; Overload.	Ensure the unit is firmly plugged into the wall. Test the wall outlet with another device. Reduce the number of connected devices to prevent overload.
Surge protection indicator light is off.	Surge protection has been consumed by a power surge.	The unit has protected your devices from a surge. Replace the surge protector to ensure continued protection.

Problem	Possible Cause	Solution
Unit feels loose or wobbles in the wall outlet.	Not secured with the screw; Outlet wear.	Ensure the unit is secured to the wall outlet with the center screw. If the outlet is worn, consider having it replaced by a qualified electrician.
USB-C port not fast charging.	USB-C port is not Quick Charge 3.0 compatible.	The USB-C port provides standard 5V/3A charging. For Quick Charge 3.0, use a compatible wall adapter.

8. Specifications

Model Number	AD5110
AC Outlets	6
USB-A Output	5V/2.4A Max (per port)
USB-C Output	5V/3A Max (per port)
Surge Protection Rating	1800 Joules
Voltage	125 Volts
Max Current	15 Amps
Max Power Rating	1875 Watts
Item Weight	8.4 ounces
Dimensions	5.67 x 3.86 x 2.72 inches
Material	Fire-resistant ABS
Certifications	ETL Listed

9. Warranty and Support

Addtam is committed to providing high-quality products and customer satisfaction.

- **Return Policy:** This product is eligible for a 30-day return period.
- **Replacement Warranty:** Addtam provides a 12-month replacement warranty for manufacturing defects.
- **Customer Service:** For any questions, concerns, or support needs, please contact Addtam customer service. 24-hour customer service is available. Refer to your purchase documentation or the Addtam website for contact details.

© 2025 Addtam. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question