

## APC 2477775a

# User Manual: APC Audio/Video Surge Protector

Model: 2477775a

## 1. INTRODUCTION

Thank you for choosing the APC Audio/Video Surge Protector. This device is designed to protect your valuable electronic equipment from power surges and spikes, ensuring their longevity and reliable performance. It features six AC outlets and coaxial protection for your audio/video components. Please read this manual carefully before installation and use to ensure proper operation and safety.

## 2. SAFETY INFORMATION

- **Indoor Use Only:** This surge protector is designed for indoor use in dry locations. Do not expose it to moisture or extreme temperatures.
- **Electrical Rating:** Do not exceed the electrical rating of 120V, 15 Amps. Overloading the surge protector can cause damage or fire.
- **Grounding:** Ensure the wall outlet is properly grounded. The surge protector requires a grounded outlet for effective protection.
- **No User Serviceable Parts:** Do not attempt to open or repair the surge protector. Refer all servicing to qualified service personnel.
- **Children and Pets:** Keep out of reach of children and pets.

## 3. PRODUCT OVERVIEW

The APC Audio/Video Surge Protector provides comprehensive protection for your home entertainment system. It includes:

- Six (6) AC outlets for power protection.
- Coaxial protection for cable TV, satellite, or antenna lines.
- "Protection Working" LED indicator.
- "Wiring OK" LED indicator.



*Figure 1: Front view of the APC Audio/Video Surge Protector. Note the "Protection Working" and "Wiring OK" indicator lights at the top, and the six AC outlets on the sides.*

## 4. SETUP AND INSTALLATION

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1. **Unpack the Device:** Carefully remove the surge protector from its packaging.
2. **Choose a Location:** Select a dry, indoor location near the equipment you wish to protect. Ensure there is adequate ventilation.
3. **Plug into Wall Outlet:** Plug the surge protector directly into a standard 120V AC grounded wall outlet.

Do not plug it into another surge protector or extension cord.

#### 4. Check Indicators:

- The "**Protection Working**" LED (blue) should illuminate, indicating that the surge protection circuitry is active.
- The "**Wiring OK**" LED (blue) should illuminate, indicating that the wall outlet is properly grounded and wired.

*If either light does not illuminate, refer to the Troubleshooting section.*

5. **Connect AC Devices:** Plug your electronic devices (TV, audio receiver, gaming console, etc.) into the six AC outlets on the surge protector.
6. **Connect Coaxial Cables (Optional):** If you have a cable TV, satellite, or antenna line, connect the incoming coaxial cable to the "IN" port on the surge protector. Then, connect a second coaxial cable from the "OUT" port on the surge protector to your TV or set-top box. This provides protection for your audio/video signal lines.

## 5. OPERATING INSTRUCTIONS

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Once properly installed, the APC Audio/Video Surge Protector operates automatically. It continuously monitors incoming power and coaxial lines for dangerous surges and spikes. In the event of an overvoltage condition, the surge protector will divert excess energy away from your connected equipment, protecting it from damage.

The illuminated outlets provide convenience for connecting devices in low-light conditions.

### Understanding the Indicator Lights:

- **Protection Working (Blue LED):** When this light is illuminated, it indicates that the surge protection components are active and providing protection. If this light goes out, the surge protector has absorbed a significant surge and its protection capabilities may be compromised. In this case, the unit should be replaced.
- **Wiring OK (Blue LED):** This light indicates that the wall outlet is properly wired and grounded. If this light is not illuminated, there may be a wiring fault in your building's electrical system (e.g., missing ground). Consult a qualified electrician to inspect your wiring. The surge protector will still provide some level of protection, but optimal performance requires proper grounding.

## 6. MAINTENANCE

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The APC Audio/Video Surge Protector requires minimal maintenance. Follow these guidelines to ensure its continued performance:

- **Keep Clean:** Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Avoid Overloading:** Do not plug in appliances that draw more than the rated amperage (15 Amps total).
- **Regular Checks:** Periodically check the "Protection Working" and "Wiring OK" indicator lights to ensure they are illuminated.
- **Replacement:** If the "Protection Working" light goes out, the surge protector has likely sacrificed itself to protect your equipment. Replace the unit immediately to maintain protection.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
"Protection Working" light is off.	The surge protector has absorbed a significant surge and its protection circuitry is no longer functional.	Replace the surge protector immediately. It has done its job protecting your equipment.
"Wiring OK" light is off.	The wall outlet is not properly grounded or has a wiring fault.	Consult a qualified electrician to inspect and correct the wiring in your wall outlet. The surge protector will still provide some protection, but optimal performance requires proper grounding.
No power to connected devices.	Surge protector not plugged in. Wall outlet has no power. Overload (total amperage exceeds 15 Amps). Connected device is off or faulty.	Ensure the surge protector is firmly plugged into a live wall outlet.  Test the wall outlet with another device. Check your circuit breaker.  Unplug some devices to reduce the load.  Check the power switch and functionality of the connected device.

## 8. SPECIFICATIONS

Brand	APC
Model Number	2477775a
ASIN	B00DMLW91M
Voltage	120 Volts
Amperage	15 Amps
Number of Outlets	6
Coaxial Protection	Yes
Color	Black
Item Weight	1 Pound (0.45 kg)
Manufacturer	Apc By Schneider Electric

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official APC by Schneider Electric website. You can also contact their customer service for assistance with product inquiries, troubleshooting, or warranty claims. Please retain your proof of purchase for warranty purposes.

