

USER GUIDE

PowerSource™ PS-1200

HOMETHEATER SURGE PROTECTORS

Thank you for purchasing an UltraPower PowerSource product. All our multimedia surge protectors reflect our fundamental values of top build quality, leading-edge engineering, production and performance. We deliver the best value, reliability, versatility and flexibility imaginable from the most basic protection to our highest specified products.

The PS-1200 Surge Protector gets out in front of performance-robbing and potentially dangerous events like surges, spikes, ground and radiated noise with unprecedented AC control, filtering, system protection and AC control. Advanced PurePower Filtration Circuitry™ uses broad-and narrow-band filters to eliminate noise riding the AC line. In the event of a catastrophic power surge from a nearby lightning strike, your PowerGrid unit will “absorb” the surge to save your connected components thus, rendering it ineffective for future use. We recommend that you replace the unit. UltraPower products are the uncompromising gate-keepers to your system’s power supplies forming an energy absorbing shield around your connected components!

The full-featured PS-1200 offers 12 surge-protected outlets, six of them widely spaced for bulky chargers. There’s overload protection, surge and ground-fault indicators, a full complement of coax and phone/fax line protection, 2 USB Charging Ports and optional wall mounting.

PRODUCT INSTALLATION AND SAFETY GUIDELINES

PLEASE READ AND FOLLOW THESE IMPORTANT SAFETY PRECAUTIONS

CONNECT ONLY TO A PROPERLY GROUNDED AC WALL OUTLET

Do not plug this device into a power outlet differing in configuration or voltage from the source indicated for safe use on the device. Do not use converters or plug adapters of any kind to make the plugs fit. If you are unsure about the type of electrical power supplied to your home please consult your local power utility company for further information.

GROUNDING AND POLARIZATION

Your UltraPower PowerSource unit has a three-prong grounding-type AC plug. This plug is designed to be inserted into a grounding-type outlet only. If this plug doesn’t fit directly into your outlet do not attempt to force it. Never attempt to disassemble or modify the plug in any way or use an altered extension cord to make it fit into a two-prong outlet. The grounding feature is a necessary and important safety and design feature. Do not attempt to circumvent it by using a 3-to-2-prong adapter. If you do not have a properly grounded three-prong outlet available contact a properly trained and certified electrician to install one.

ROOF-TOP DEVICES

If you have roof-top devices such as satellite dishes, antennas or any other component with wire that connects to an UltraPower product, you must ensure that all wired connections are properly grounded to earth. Doing so will provide protection against voltage surges and static discharges. Do not place any antenna component near overhead power lines or any other power source. Do not touch any power line or power source. Doing so may cause severe physical injury and possibly death.

PRODUCT CARE AND CLEANING

The only cleaning necessary for your PowerSource product is a light, dry dusting. Do not use any type of liquid or aerosol cleaner. Always unplug the device from the wall before cleaning it.

MOISTURE AND LIQUIDS: AVOIDING ELECTRICAL SHOCK

Do not operate your PowerSource unit if liquid of any kind is spilled onto or inside the unit.

Do not operate your PowerSource unit near liquids of any kind; spilled, condensed or contained.

Do not operate your PowerSource in the bathroom, kitchen, basement floor or anywhere near a sink, bathtub, aquarium, indoor fountain, water cooler or any place where moisture is present.

POWER CORD SAFETY

Immediately disconnect the PowerSource unit from the wall outlet and discontinue use if its power cord’s protective outer jacket begins to wear or fray and any internal wiring is exposed. Do not route any of the incoming or outgoing cables from your PowerSource surge protector in areas of heavy foot traffic that may cause undue wear, strain or create a tripping hazard.

PROPER INSTALLATION

All PowerSource units and connected equipment must be located indoors in a dry location.

EXPOSURE TO HIGH TEMPERATURE

Do not expose your PowerSource unit to direct sunlight or place it near heat sources or in any enclosed space prone to high temperatures.

OTHER MULTI-PLUG DEVICES FORBIDDEN

Do not plug any multi-plug device, power strip, multi-plug extension cord or cube-tap of any kind into your PowerSource unit. Each outlet on a PowerSource product has been specifically designed to power and protect a SINGLE device. Using a "plug multiplier" can cause an overload of your PowerSource unit and failure and/or damage to other connected components. If you require more outlets than are provided by one UltraPower device we recommend purchasing additional PowerSource units from your authorized dealer or installer.

If the complex nature of your home entertainment or computer multimedia system requires multiple surge protection devices we strongly recommend using all-UltraPower brand products. Many brands claim "complete" surge suppression but do so only in a cursory way and provide a virtually open pathway into your system for catastrophic spikes and surges.

PROPER GROUNDING

All UltraPower products require a properly grounded three-prong outlet in order to protect connected equipment. If your AC wall outlet is improperly wired (no ground or reverse polarity), the green "Ground OK" LED on the PowerSource Surge Protector will not light up. An improperly grounded outlet may not deliver power to your connected components. Should this occur your home wiring is faulty. This is not uncommon in older buildings. Call an electrician to fix the problem in your home's wiring.

COMPLETE AND PROPER POWER AND PROTECTION

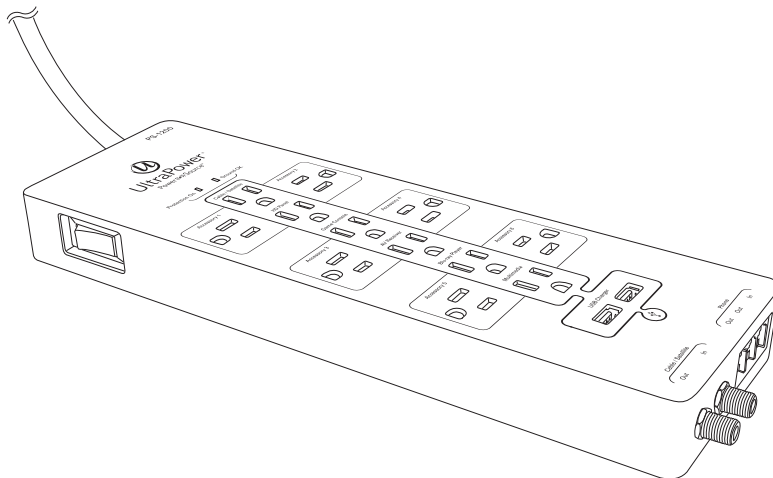
Your PowerSource unit provides a protective shield around your system. To deliver clean power and fully protect your equipment against electrical surges, every single connecting cable in or out of your equipment must be connected to an appropriate UltraPower unit. There can be no unprotected pathways into or out of your system. This includes all power, signal, control, antenna, data, phone, internet, cable or other connection to all components within the system and any equipment of any kind connected to any component within the system in any way.

NO USER SERVICEABLE PARTS INSIDE

If, for any reason, your PowerGrid does not operate properly, do not open the unit or attempt to service it yourself in any way. There are no user serviceable parts inside. Turn off the power immediately and unplug the unit.

PROPER PROTECTION

Home theater, computer, network and telephone system installations are complex systems. If you require multiple surge protection devices we strongly recommend using all-UltraPower brand products. This may require the services of an experienced design consultant from your dealer or installer.



SET-UP INSTRUCTIONS PS-1200

Remove the UltraPower PowerSource unit from its packaging and visually inspect for any shipping damage. If the housing is cracked or broken, do not use the unit and return it to your authorized dealer or custom installer for a replacement.

- Before plugging the PS-1200 into the wall turn its power switch OFF and do the same with all other components connected to the PowerSource unit.
- Locate the AC wall outlet where your PowerSource will be installed and properly secure it.
- Plug the PS-1200 directly into a properly grounded three-prong AC outlet.
- Press the power ON/OFF switch of the PS-1200 to the "RESET" position.

Verify proper grounding of your AC wall outlet's wiring by viewing the LED indicator on the PS-1200. Make sure the GREEN Ground OK LED is illuminated, and ensure the GREEN Protection On indicator is illuminated. If this is not the case, immediately disconnect the PS-1200 from the wall and consult a certified electrician to correct the improper and unsafe wiring condition in your home.

Once the AC wall outlet is properly wired and the PS-1200 is powered, plug individual components into the unit and turn them ON before moving to the next.

Charging Ports

You may connect personal devices to the two USB ports for charging. These USB ports offer 5V and up to 1.5 amps of charging power.

Phone Line Protection

- Connect phone, fax or modem line-out feed from the wall jack to the PHONE IN jack with an appropriate RJ11 type connector.
- Connect the PHONE OUT jack to the appropriate LINE-IN jack of your receiving component.

Coaxial Cable Lines

- Connect cable box or satellite coax cable lines from the wall to the PS-1200 "CABLE/SATELLITE IN" coaxial F-type connector.
- Connect the PS-1200 "CABLE/SATELLITE OUT" coaxial F-type connector to the appropriate INPUT connector on your TV, set-top or cable box, satellite receiver or DVR with an appropriate RG59 / RG6 cable with an F-type connector.

Audio and Video Components

- Plug the AC cord of the first component into the appropriately labeled AC outlet on the PS-1200 and turn that component ON.
- Plug the AC cords of the balance of your components into the appropriately labeled AC outlets on the PS-1200 and turn them ON, one at a time.

NOTE: Connect those components requiring high current (power amplifiers, powered subwoofers, etc.) in last.

NOTE: Powered subwoofers are frequently located at a distance from the rest of your equipment. DO NOT plug the powered subwoofer directly into an AC wall outlet. If you do your entire system will be unprotected since your powered subwoofer is plugged into an unprotected AC power line and that's connected to the rest of the system by its line-level interconnect. You must have an additional PowerSource unit local to the powered subwoofer. Follow the above instructions for the subwoofer surge protector and connect the powered subwoofer to it. You may experience a hum from your subwoofer when plugged into an outlet on a different circuit than the rest of the system. Connecting the subwoofer to the PS-1200 or another PowerSource product avoids hum caused by different outlets with differing ground potentials called ground loops.

WALL MOUNTING PROCEDURE (optional):

- Determine the mounting location on the wall and mark the position for the top mounting screw (not included). Mounting screws have a maximum head diameter of ¼" (6mm).
- Place screws accordingly, leaving enough of the screw shank exposed to allow the PowerSource unit to slide into the locked position.

Note: All surge protectors have a varied lifespan due to the constantly changing nature of AC line voltages and the number of surges and spikes absorbed over time. The more it has to work the shorter its lifespan. Rapidly fluctuating voltages makes the unit work harder; voltage spikes and surges cause wear and tear on the protection circuitry. If the Protection On LED is displayed on your PS surge protector it's working properly. In case of a very large voltage spike from a nearby lightning strike a good surge protector will actually sacrifice itself to protect your valuable components, as do PS surge protectors.

We recommend that you replace your surge protectors periodically to ensure maximum protection. You can find the latest in protection technology on our web site, www.ultrapowerproducts.com.

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Ultralink Products, Inc.
Markham, Ontario
Canada L3R 3L1
Customer Service: (905) 479-2831
E-mail: service@ultrapowerproducts.com
www.ultrapowerproducts.com

Ultralink/XLO Products, Inc.
Ontario, California
U.S.A. 91761
Customer Service: (905) 479-2831
E-mail: service@ultrapowerproducts.com
www.ultrapowerproducts.com