

PURE|AV™
by BELKIN



Home Cinema Surge Protector
with Isolator Technology

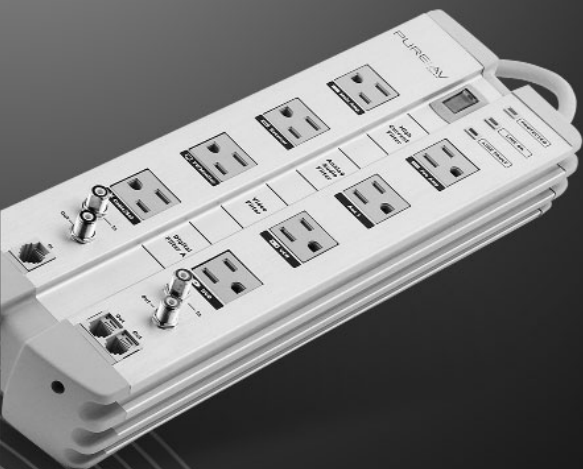
User Manual



Clear Picture



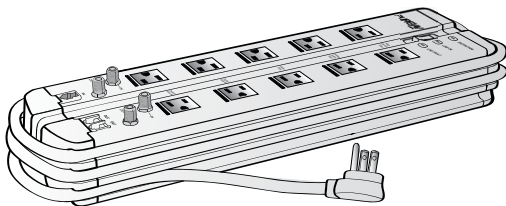
Clean Sound



F9A1033-12 F9A833-10

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Introduction



Thank you for choosing the Belkin PureAV Home Theater Surge Protector (the Isolator) for your power protection and home theater entertainment needs. You now own the best-value surge protector from the market leader in surge protection.

The PureAV Isolator provides the highest-quality protection from damaging AC surges and catastrophic lightning strikes. The PureAV Isolator reduces power-line noise contamination, known as electromagnetic and radio frequency interference (EMI/RFI), generated from both outside and inside the home. This lets you experience a clearer picture and cleaner sound.

The exceptional Isolator Technology design prevents noise generated by one electronic device from transferring to other devices that are also plugged into the PureAV Isolator. The core technology consists of high-energy Metal Oxide Varistors (MOVs), Differential Isolation Coils, and special Capacitors that are dedicated to each successive pair of receptacle banks. Each power filter or “graduating filtration” level isolates and contains power line noise within each individual pair of receptacle banks.

When home appliances that produce excessive line noise—such as a printer, scanner, or vacuum cleaner—are used with the PureAV Isolator, every filter works together to ensure that audio static, and/or video interference is reduced or prevented entirely.

Using the PureAV Isolator

- 1) Before switching the PureAV Isolator to the “ON” position, please ensure that it is plugged into a grounded 120V AC/60Hz (standard) wall outlet.
- 2) Make sure the diagnostic lights are on, indicating that incoming AC wall power is safe (the yellow “Protection” and green “LINE OK” indicators should be lit whenever the unit is on).
- 3) Next, plug in desired devices. The Master Switch can also be used as a master on/off controller for all the connected devices.

Installation of the PureAV Isolator

- 1) Turn OFF all of your electronic equipment and ensure that the PureAV Isolator is also switched OFF.
- 2) Plug your electronic devices into the Isolator's AC outlets.
Note: DO NOT USE two-wire extension cords or adapters with this product. Using any extension cord in conjunction with the Belkin PureAV Isolator will void all Belkin Corporation warranties. All connected equipment should be plugged directly into your Belkin PureAV Isolator.
- 3) Satellite Components: Connect the coaxial cable line from the satellite source to the Isolator's satellite connector marked "IN". Use a second coaxial cable to connect the Isolator's cable connector marked "OUT" to the appropriate input on your satellite device.
- 4) Coaxial/Antenna: Connect the coaxial cable line from the cable/antenna source to the Isolator's cable/antenna connector marked "IN". Use a second coaxial cable to connect the Isolator's cable/antenna marked "OUT" to the appropriate input on your cable or antenna device.
- 5) Phone/Fax/Modem Data Connections: Connect a modular phone cord from the wall jack to the Isolator's phone jack marked "IN". Use a second modular phone cord to connect to the phone line jack marked "IN" on the phone to the Isolator's phone jack marked "OUT".
[Each PureAV Isolator model comes with solid-state, phone/fax/modem, Internet-ready (RJ11 jack) surge protection with a built-in phone line splitter.]
If desired, use a third modular phone cord and connect your computer modem data line jack marked "IN" with the Isolator's other phone jack marked "OUT". Or you can connect a second data line device of your choice (fax, etc.).
Note: If you fail to connect the phone/fax/modem protection, the Connected Equipment Warranty will not cover your connected equipment with telecom ports. Most modem damage can be prevented if you take the time to connect the phone/fax/modem protection.
- 6) Your PureAV Isolator should be plugged into a grounded wall outlet (3-conductor, 120V AC/60Hz) only.

Features

The PureAV Isolator comes with three Diagnostic Indicators, plus an Amber Master Switch light. When you plug the unit into a live, 120V AC/60Hz outlet, these lights let you know that protection is activated and warn of a power problem before you connect your equipment.

Protection (Yellow)

indicates your surge protection is functioning properly.

Line OK (Green)

indicates line integrity.

Line Fault (Red)

indicates wall outlet in use has existing ground fault, or is improperly wired.

Protection (Yellow): This light should come on when the unit's power switch is turned to the "ON" position. If this light goes out at any time, it means that your surge protector has "sacrificed itself" to protect your equipment and should be replaced. Please contact Belkin Corporation for a free surge protector replacement.

Line OK (Green): This light should also come on when the power switch is turned on. It shows that 120V AC power is present with no wiring faults and it is safe to plug and use connected equipment.

Line Fault (Red): If on, this light indicates that a wiring fault has been detected. This may be the result of a lack of grounding or reversed phases, among other problems. A qualified electrician should be notified so that the problem can be corrected before plugging in devices.

Master (Amber): This on/off switch provides a built-in, automatic shutdown, 15-Amp circuit breaker. The light should come on when the unit is plugged into a 120V AC/60Hz outlet and switched to the "ON" position. Important: If the current draw exceeds 15 Amps for an elongated period of time, the circuit breaker will shut down the surge protector power to prevent damage. Allow a brief time for the Isolator to cool before resetting the circuit breaker switch. (To reset, simply press the switch.)

Isolator Technology: As mentioned earlier, this design prevents devices that are plugged into a given receptacle bank from transferring contamination to a device plugged into another receptacle bank. Each pair of receptacle banks is isolated from the other pairs within the PureAV Isolator. (The 10-outlet PureAV Isolator has five pairs of PFT receptacle banks.)

The PureAV Isolator provides increasing levels of protection and filtration from surges, spikes, lightning strikes, and EMI/RFI. When AC power travels from the wall outlet and throughout each successive pair of receptacle banks, each power filter or "graduating filtration" level increases the isolation, filtration, and protection for your most sensitive devices. The higher receptacle banks (farthest from the power switch) will provide a greater amount of surge and line-noise protection than the first receptacle bank or the bank labeled "High Current Filter". The "High Current Filter" is designed to deliver the maximum current with the minimal filtration required by amplifiers and powered subwoofers.

Features

Note: LEVEL 1 is capable of protecting any sensitive electronic device, but you may wish to use it for devices that require high current power and low filtration, like stereo amplifiers. Simply choose what devices you desire to use and plug into the protection you need.

Cord Management: The power cord wraps around the surge unit and snaps into the grooves along the sides for clutter-free cord management.

Wall Mounting: The Isolator is mountable using a No. 8-type screw size. Simply measure and align the keyhole slots on the bottom of the unit over the No. 8 screws and push into place. (Screws are not included.)

Belkin Connected Equipment Warranty

Belkin Corporation warrants to the original purchaser of any Belkin Surge Protector for the life of the product, that the Surge Protector shall be free of defects in design, assembly, material, or workmanship, and will repair or replace, at its option, any defective product free of charge.

Belkin Corporation will repair or replace, at its option, any equipment that is damaged by a transient voltage surge/spike or lightning strike, (an "Occurrence"),

while properly connected through a Belkin Surge Protector to a properly wired AC

power line with protective ground. (For models F9A833-10 and F9A1033-12, the telephone line and the coaxial cable line must be properly connected and installed, as determined by Belkin at its sole discretion.)

Important: If you are using an AC Surge Protector only that does not have phone, network, or coaxial protection, the warranty is null and void if a power disturbance damages your equipment through the phone, network, or coaxial lines. You are only covered if the disturbance entered through the AC lines.

This Connected Equipment Warranty is a Limited Warranty, subject to the limitations and exclusions set forth herein. Belkin Corporation will spend, to repair or replace the damaged connected equipment, at Belkin's option, an amount equal to the fair market value of the damaged equipment or the original purchase price of the equipment, whichever is less, up to the maximum amount set forth below:

All PureAV Isolators offer a \$300,000 Connected Equipment Warranty.

The fair market value of the equipment shall be the current value of the equipment specified in the most recent edition of the Orion Blue Book by Orion Research Corporation, Roger Rohrs Publisher.

Belkin Connected Equipment Warranty

Belkin Corporation reserves the right to review the damaged Belkin Surge Protector, the damaged equipment, and the site where the damage occurred. All costs of shipping the Belkin Surge Protector and the damaged equipment to Belkin Corporation for inspection shall be borne solely by the purchaser. Belkin reserves the right to negotiate the cost of repairs. If Belkin determines, in its sole discretion, that it is impractical to ship the damaged equipment to Belkin Corporation, Belkin may designate, in its sole discretion, an equipment repair facility to inspect and estimate the cost to repair such equipment. The cost, if any, of shipping the equipment to and from such repair facility and of such estimate shall be borne solely by the purchaser. Damaged equipment must remain available for inspection until the claim is finalized. Whenever claims are settled, Belkin Corporation reserves the right to be subrogated under any existing insurance policies the claimant may have.

*All above warranties are null and void if: the Belkin Surge Protector in use during the Occurrence is not provided to Belkin Corporation for inspection upon Belkin's request at the sole expense of the purchaser, Belkin Corporation determines that the Belkin Surge Protector has been improperly installed, altered in any way or tampered with, Belkin Corporation determines that the damage did not result from the Occurrence or that no Occurrence in fact took place, the repair or replacement of the damaged equipment is covered under a manufacturer's warranty, or Belkin Corporation determines that the connected equipment was not used under normal operating conditions or in accordance with any labels or instructions. All Belkin Surge Protectors must be plugged directly into the power source and must not be "daisy-chained" together in serial fashion with other power strips, UPSes, other surge protectors or extension cords. A three- to two-prong adapter may not be used. Any such installation voids the warranty. The Belkin Connected Equipment Warranty only protects against damage to properly connected equipment where Belkin Corporation has determined, in its sole discretion, that the damage resulted from an Occurrence, and does not protect against acts of nature (other than lightning) such as flood, earthquake, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (i.e. brownouts or sags), non-authorized program, or system equipment modification or alteration. If you are using an AC surge protector only that does not have phone, network, or coaxial protection, the warranty is null and void if a power disturbance damages your equipment through the phone, network, or coaxial lines. You are only covered if the disturbance entered through the AC lines.

***Please note:** This product is not for use with aquariums and all other water-related products. Use only indoors and in dry locations.

This warranty contains the sole warranty of Belkin Corporation, there are no other warranties, expressed or, except as required by law, implied, including the implied warranty or condition of quality, merchantability or fitness for a particular purpose, and such implied warranties, if any, are limited in duration to the term of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Belkin Connected Equipment Warranty

In no event shall Belkin Corporation be liable for incidental, special, direct, indirect, consequential or multiple damages such as, but not limited to, lost business or profits arising out of the sale or use of any Belkin Surge Protector, even if advised of the possibility of such damages. This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you.

This warranty is valid only for the original purchaser of the product. All damage claims against the product must be made within 15 days from the date of the Occurrence and must be accompanied by a receipt for the damaged equipment or the warranty is void. Warranty is valid in USA, Canada, Puerto Rico, and Bermuda.

To file a claim against the Belkin Connected Equipment Warranty, you must take the following steps: Contact Belkin online at www.belkin.com and print our claim form or write to us at Belkin Corporation, 501 W. Walnut St., Compton CA 90220 Attn: Technical Support, or call 310-898-1100, extension 2263, within 15 days of the Occurrence. Be prepared to provide the following information:

- A. The part number of the Belkin Surge Protector.
- B. The equipment that was connected to the Surge Protector at the time of the Occurrence.
- C. The equipment that was damaged during the Occurrence and the extent of the damage.
- D. The date of the Occurrence.
- E. Where you purchased the Surge Protector.
- F. When you purchased the Surge Protector.
- G. Copy of original receipt.

Your Belkin Customer Service Representative will then instruct you on how to forward your equipment, receipt, Belkin Surge Protector in use during the "Occurrence" and how to proceed with your claim.

You may conveniently register your Belkin PureAV Surge Protector online on our website www.belkin.com, or fill out and send in the registration card included with your PureAV purchase.



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