

TRANSPARENT

***POWERISOLATOR
REFERENCE***

WITH SURGE PROTECTION

Owner's Manual

Thank you for purchasing the Transparent PowerIsolator Reference (we call it the PIR for short). With this product you will find new enjoyment from your music and film systems. We certainly have!

WARNING

The PowerIsolator Reference must be used with the correct voltage to avoid damage to the unit and associated equipment. The operating voltage is marked on the electrical rating sticker on the bottom of the unit. Please read the instruction manual carefully before operating your PowerIsolator Reference.

Do not operate this product with any portion of the chassis open or removed. Dangerous voltages may be encountered. There are no user serviceable parts inside. To reduce the risk of electric shock or fire do not expose the PowerIsolator Reference to water or moisture.

NOISE AND THE AC SIGNAL

The PowerIsolator Reference is a wide band noise rejection device utilizing Transparent's finest PowerIsolator MM noise-filtration technology. In simple terms, the PIR shuts the door on noise so you can enjoy the full resolution of your system. The PIR noise-reduction circuit is parallel to the AC signal and does not limit current to your components or add power factor distortions to the AC line. This means that your components will have the same dynamic power and tonal accuracy as they would when plugged directly into a dedicated AC circuit, but will now be able to resolve more detail, dynamics and texture due to the lack of AC line noise.

TRANSPARENT SURGE PROTECTION

The Transparent Surge circuit in your PowerIsolator Reference will provide the finest surge protection available without adding any sonic or visual distortions to your music or home theater experience. Transparent Surge technology protects against the fastest rise time spikes and the most damaging long-duration surges, which can occur daily in a normal home AC system.

PERFORMANCE OPTIONS

The four outlets on the PIR are separated into two noise-isolated Banks, each with two outlets. Each Isolation Bank offers identical performance and can be used with any type of audio or video component. However, you can increase the PIR's AC noise filtration performance by using the two Isolation Banks for two different components, or if you have more than two components, by keeping components separated by type. We recommend separating system components into the following categories and using a different Isolation Bank for each type: digital source components (including CD players, DVD players and separate digital components); amplifiers; preamplifiers and processors; and video components. There are some components that combine some of these functions, such as home theater processors, which usually have digital audio, analog audio and video functions, so some experimentation may be necessary to achieve the best performance.

For best results you should also replace your components' power cords with our PowerLink cords. The PowerLinks have been designed as part of an integrated system of power components, based on our MM Isolator technology. The system features very tight performance matching among all the components. The PIR comes with a detachable PowerLink Super power cord which can be upgraded to a higher level Transparent PowerLink power cord for improved performance.

INSTRUCTIONS AND NOTES

1 Before plugging in the PIR be sure that it has the correct voltage and frequency for your application. The voltage and frequency are marked on the packaging as well as on the unit itself. Use of the PIR with incorrect voltage and frequency can result in an unsafe condition and cause damage to the unit and your equipment. Damage resulting from the use of the unit with improper voltage is not covered by the warranty.

2 Plug the PowerIsolator Reference directly into a grounded wall outlet. The PIR must be plugged into a grounded wall outlet to be covered by the Transparent Audio Connected Equipment Warranty (see back page). Most 3-prong AC outlets are grounded but there are many exceptions, especially in older homes. If the PIR is plugged into a non-grounded or polarity-reversed outlet, the red LED labeled **LINE FAULT** will illuminate. Use of the PIR in a non-grounded outlet will void the Connected Equipment Warranty and will reduce the level of surge protection to your components. Contact an electrician to have a grounded outlet installed for your system.

3 To be covered by the Connected Equipment Warranty, all system components must be plugged into a Transparent PowerBank or PowerIsolator (with surge protection), and any incoming source lines (such as CATV, satellite, antennas, phone, network, etc.) must also be protected by a Transparent MultiSource Protector.

4 Plug your components into the outlets on the PIR and plug the PIR directly into a grounded wall outlet. The PIR is active whenever it is plugged into the wall. We do not recommend plugging the PIR into other power conditioning devices, extension cords or power strips.

5 All 4 outlets on the PIR provide surge protection for your components. This circuitry does not add distortions or limit current to your components.

6 The PIR uses a 5A fuse to protect the PowerIsolator circuit from damage. There are no fuses in series with the AC line. When the PowerIsolator circuit is functioning properly the green LED labeled **ISOLATION ACTIVE** will illuminate any time the PIR is plugged into an active wall outlet. If the LED does not illuminate when the PowerIsolator Reference is plugged into an active wall outlet there may be a problem with the PowerIsolator circuit or the fuse needs to be replaced. Contact your local Transparent dealer or Transparent Audio for assistance.

7 The green LED labeled **PROTECTION ACTIVE** indicates that the surge protection circuitry is functioning properly. The LED will illuminate whenever the PIR is plugged into an active wall outlet. If the green LED does not illuminate, immediately discontinue use of the PIR and contact your Transparent dealer or Transparent Audio for assistance.

8 3 to 2 prong adapters or “cheater plugs” are often used to defeat undesirable ground loops. Do not use these devices on the PIR power cord. If such adapters are necessary to prevent hum, use them only on the power cords of the components causing the hum at the point where they plug into the PIR.

9 Now sit back, relax, and let your new Transparent PIR take you to new sonic and visual heights.

WARRANTY

All Transparent Power Products have a limited 2 year warranty on parts and labor. This warranty is also extendable to five years to the original owner. Please consult your warranty card for details.

TRANSPARENT AUDIO CONNECTED EQUIPMENT WARRANTY

During the warranty period applicable to a Transparent surge protection device (2 years from date of purchase extendable to 5 years upon registration) Transparent will pay to repair or, at its option, pay the fair market value of equipment damaged by an AC power surge or lightning surge on the AC power line, on the following terms and conditions:

The connected equipment must be used and connected to the Transparent surge protection device in accordance with the instructions and warranty provisions applicable to the connected equipment, including proper grounding.

The connected equipment must be connected in accordance with the instructions provided with the Transparent surge protection device.

This warranty is for the benefit of the original purchaser of the Transparent surge protection device for non-commercial use only and is non-transferable.

This warranty is secondary to any manufacturer's warranty on the connected equipment and/or any service contract or insurance maintained by the customer that covers the loss in whole or in part.

Transparent shall, in its sole discretion, determine from the condition of the surge protector and the damaged equipment that the damage was caused by a failure of the Transparent surge protector to properly function within its design specifications.

This warranty is in lieu of all other warranties, express or implied, including implied warranty of merchantability and fitness for a particular purpose. This warranty does not cover consequential damages, including loss of computer data.

TRANSPARENT POWER PRODUCTS

For detailed information about other Transparent Power Products, please visit our website.

TRANSPARENT AUDIO AND VIDEO PRODUCTS

Transparent offers a comprehensive range of products to suit the needs of everyone from music and film enthusiasts to recording and mastering professionals: interconnects and speaker cables for audio; digital audio cables; digital and analog video cables; and products for home entertainment and whole house audio installations. For more information, please visit our website.

Transparent Analog, Digital, Video and Power Products are designed and distributed by

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