

NOISE: THE UNWANTED SIGNAL

Cables represent the longest signal paths in your audio and video system, and they also have an extremely wide bandwidth. This combination makes them very efficient antennas for picking up radio frequency noise and interference; i.e., unwanted signals. Yet cables are an essential component of any audio or video system. It takes special technologies that go well beyond the noise rejection capabilities of typical cables to control the assault of unwanted signals on today's high resolution audio and video components. Transparent Cables and PowerLink Products control unwanted signals by incorporating new approaches to cable geometry, shielding and precision designed passive networks that are built into the cable.

Cable Geometry and Shielding Proper cable geometry and shielding help to reject radio frequency interference (RFI) and electromagnetic interference (EMI). All Transparent interconnects, speaker cables, digital cables, video cables, and AC power cord products use unique cable geometry and shielding techniques to help reduce the impact of external noise.

Passive Networks Correct geometry and shielding alone cannot separate low-level musical detail from the abundance of external noise present in today's environment. What's required is a broader approach to noise rejection: special passive networks that can reject a wider and more controlled frequency band of unwanted signals. Individually designed passive filter networks are built into the modules of Transparent's analog interconnects and speaker cables and power conditioning products. The networks are specifically matched to each type of application and each cable length. Rejecting unwanted signals and controlling resonances are two of the most important objectives of Transparent's network technology. You can hear and see the benefits of rejecting unwanted signals for yourself by comparing the performance of a system that is cabled throughout with typical cable and comparing it to a system that is linked throughout with Transparent Cables and Power Products.

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

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HIGH PERFORMANCE BRICK

Owner's Manual

Thank you for purchasing the High Performance Brick (we call it HPB for short). With this product you will find new enjoyment from your music and film systems, joining the ranks of those who feel that cables “should be heard and not seen.”

The High Performance Brick is a precision audio component, designed as part of an integrated speaker cable-network system; for optimum results, it should be partnered with our High Performance 14-2 and High Performance 14-4 architectural cables. Using HPB with HPI4-2 or HPI4-4 creates performance levels comparable to those of Transparent’s The Wave series of speaker cables.

With a physical design based on Transparent’s MM technology, HPB shares many of the performance gains we first discovered while developing our MM cables. The special network in HPB gives free passage to all musical frequencies — while shutting out the extraneous noise and interference that are attracted to any cable — so you’ll have the pleasure of hearing more low-level information. The configuration of the network also helps HPB to maintain uniform group delay characteristics up through the ultra high frequency range, for better image focus and soundstage presentation. Finally, the network insures greater cable-component compatibility. (For more information on the design of our cable systems, please see the back page of this manual, and visit our web site.)

All Transparent products have a limited two 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.

INSTRUCTIONS

The High Performance Brick connects your in-wall cable to the binding posts on your speaker system. If you will not enjoy making these connections yourself, you should arrange for your Transparent dealer to do the work for you. Be sure your amplifier is turned OFF before you make any changes to your speaker wiring!

1. Terminate the speaker end of your High Performance speaker cable with a male 1/4" phone plug. See the enclosed termination kit for parts and instructions.
2. Insert this male plug into the female phone jack on the HPB.
3. Connect HPB to your speaker’s terminals. Be careful to observe the correct polarity! (Red denotes “+” and black denotes “-”).
5. Power up the system, sit back, and enjoy your favorite music or film!