



Complements and Accessories,  
**Third place 2004, 2005 and 2006**

VIDEOHIFI.COM



Readers AWARD 2005-2006

**Pretty magical!**

Kari Nevalainen  
 6moons.com - June 2007



...I believe that the strongest BlackNoise capability is represented by its ability to deploy the mentioned improvements without undergoing to dynamic mortifications. The reproduction is extremely nimble and lively, with a firm and well-built macro-dynamic coupled to an accurate micro-dynamic deprived either of blurred sound in critical passages and of hardened harmonics in the most delicate ones. The absence of a dynamic drive is exactly what it's perceived, usually, with an ordinary mains filter or conditioner, and was exactly the price I was ready to pay also with BlackNoises. Unexpectedly, I was wrong.

Bruno Fazzini  
 Fedella Del Suono - May/June 2005



With the BlackNoise we are facing not just a mere accessory for our setup, but we are dealing with a truly additional electronics that, at a reasonable price, brings the most out of what we already own.

Francesco Bollorino  
 VideoHifi.com - December 2004

...in the situations in which it was most effective, the improvements in reproduced sound were of such a high level that sometimes I could hardly recognize the recording I was listening to.

Stefano Monteferrì  
 TNT-Audio.com - December 2003

...allright, they are cute and cheap, but what's their sonic effect ?  
 Stunning!

The feedback is snapping and leaves no room for doubts.

Roberto Rocchi  
 SUONO - September 2004

The effect is astonishing, the audio scene increases in size without losing realism. The performers in particular are better arranged in space and their images develop a sharper contour, revealing at the same time wider areas of background.

Fabio Cottatellucci  
 VideoHifi.com - December 2004

Model	Full Power over 230 V~	Suggested applications
<b>Extreme</b>	230 W / 1A	CDP, SACD, DVD Pre-Phono, Pre
<b>500</b>	460 W / 2A	Any electronic, no particular preferences
<b>1000</b>	920 W / 4A	Power amplifiers/Integrated amps or full setup
<b>2500</b>	2300 W / 10A	Hi-Power amplifiers/Integrated amps or full setup

**5 year warranty on all models**

## Electrical Features

Fully passive mains filter, split in four progressive filtering cells on Neutral and Live conductors. **Two progressive filtering cells on the ground line as well.**

**Mains harmonics roll-off: -3db at 1.4khz, -42db at 10Khz, -110db at 100Khz, -170db at 1Mhz, depending by model, with 50/50  $\Omega$  standard impedance loads.**

Filtering is **bi-directional**, insulating from mains noise either the devices plugged in, and at the same time preventing noise injected by the audio gear itself from polluting the mains network.

Protection against voltage spikes and disruptive pulse and surges events from 250 V~ up with **activation delay < 25ns.**

**Protection operates not only between Live and Neutral, but also between Neutral/Ground and Live/Ground conductors, and it's capable of absorbing up to 25,000 (twenty-five thousand) Ampere overall for pulse events that last between 8 and 20 $\mu$ s or 640 Ampere at a time up to 2ms.**

**The common fuse is replaced by a thermal resettable switch** capable of handling the extremely high current peaks at switch-on time generated by downstream devices (e.g., power amps) but still capable of protecting the filter from continuous loads exceeding its rated current. When the thermal protection is operative, the blue Led turns off.

**Models from 1 to 10A (about 230/2300W over 230 V~, 115/1150W over 115 V~).**


## Build Features

The circuitry consists of **30 discrete, top-quality components.** All caps are **double metalized polypropylene "self-healing"** kind, they are able to restore themselves in case the dielectric gets pierced due to overvoltage. Inductors are toroid-shaped or woven around ferro-magnetic, syntherized cores, high stability and high Watt handling resistances, Teflon-made insulating shields.

Components are soldered upon a 2 mm-thick vetronite motherboard, bearing 70u copper tracks, further thinned, and area-equivalent to a 2.5 square mm solid-core wire.

**The whole circuitry is fully packed into epossidic resin with outstanding characteristics of thermal stability and mechanical strength. Such resin packing procedure makes BlackNoise exempt to dust and humidity, insensitive to external vibrations and cuts the inner-generated off, making it perfectly silent.**

Mono-block, extruded anti-corodal anodized aluminum case 4mm thick on all sides, no assembly screws, externally milled with digitally operated machines, individually hand assembled, checked and finished.

**All BlackNoise mains filters are fully certified  by an independent testing facility.**

**Two multi-standard outlets, 16A each (Italy, US, Schuko).**

**Dimensions (W x H x D):  
100x40x325 mm, ~3.5Kg / 4x1.6x12.8 inches, ~7.7 pounds**

## What is the BlackNoise impact?

**Deeper infra-instrumental silence.** Background noise cut-off. Black background gets deeper and releases new details, more perceptible at low listening levels or in the *pianissimo*.

**Larger amount of information** and of the related harmonics that turn into a better instrument localization with their individual soundstage positions. **More "air"** around the instruments themselves with improved tri-dimensional effect and higher stereo separation. **Recording details come to higher evidence;** for instance in the piano *abbellimenti* it is easier to make out where the stress is placed in the *acciacature*. The different sections of a large orchestra are easier to sort out even in the most dynamic passages.

**The virtual soundstage gets wider,** deploying instruments and artists along a deeper perspective.

**Macro and micro dynamics are widened and more "lively"** thanks to the reduction of the overall "veil", to the stronger control and to the reduction of distortions imposed over the device power supply through the mains line.

**Frequency bands are widened,** with a deeper and also more controlled and articulated bass range. High frequencies are clearer and extended but correct, with a more natural hissing words reproduction and a more tactile presence of small instruments.

It is now possible to listen to your music at a higher volume level thanks to the **sharp lowering of listening fatigue.**

**BlackNoise aims to become a milestone of your setup; as other gears change, its qualities may well be in higher or lesser evidence but they will always be there, as a warranty to this long-lasting investment.**

## Other application fields

Even though **BlackNoise** devices have been expressly conceived for High-End Audio duties, there is no problem in taking advantage of their features in other fields, too. Audio – Video and EDP are elective ones.

**BlackNoise** units can be connected to: DVD players, TV sets, Video projectors, multi-channel setups, Personal Computers, Monitors, Mixers and any other consumer or pro audio-video item requiring a high protection against pulses, current peaks and power supply network harmonics. Depending on mains line network conditions, the use of **BlackNoise** can bring benefits like a deeper contrast and saturation of colors along with a better clearness of the white to TV sets, monitors, projectors (and Video setups in the broader sense). A full elimination or attenuation of snow, flickering and a better detail resolution are common outcomes as well.

**BlackNoise** is also advisable in those high electro-magnetic polluted environments (offices, for instance) crowded with PCs, fax machines, printers, halogen lamps, low-consumption lamps, air conditioners and so on. Such operating conditions might cause sudden malfunctions or even black outs. In these situations **BlackNoise** is advisable not only for individual EDP units but also as a protection for dedicated servers, routers, gateways, analog, ISDN or ADSL modems, switchers.

S Y S T E M S A N D M A G I C <sup>TM</sup>