

# NOISE EATER

- Many disturbances in audio performance will disappear
- More rest in quiet music parts
- Your soundstage will be more transparent than ever



## Working principle

Interference pulses mostly arise on the network when switching a device on or off, but they can also be induced by industry in the neighborhood or elevator-installations in the building. Also refrigerators, washing machines, dryers, drilling machines and all other appliances that are connected to the network can cause interference pulses.

The presence of interfering pulses can be proven, but only with assistance of measuring equipment. Low distortion on the network is hard to detect, but the effect is very audible. An unstable sound image, hum or noise.... the disturbances can appear in various forms.

The Noise Eater is a parallel filter. This means that the main current that feeds your audio will not flow through the components of the filter. In fact the filter is only monitoring the mains and then traps the distortion signals. Currents will not slow down, but the distortion will be gone!

The circuit used has been extensively tested, the sound character of the music remains intact! The circuit itself has been poured in resin to prevent it from vibrations. Even the shell of the Noise Eater is solid build, from a single piece of material, brought into shape by a CNC turning machine. So, the Noise Eater IS not just a great filter..... it also has the LOOKS of a great filter.

## Where to use?

In contradiction to the placement of the Pulse Protector the Noise Eater always has to be placed close to the equipment, preferable in the multiple socket in which also the plugs of the audio systems are connected.

The Noise Eater can be used for devices as CD players, tuners, record players, but also amplifiers will benefit, even large ones! Several Noise eaters in one multiple socket in most cases is useless, one Noise eater in each multiple socket is a good idea, but feel free to experiment...

The Noise Eater is not critical to phase, you can just "plug" the Noise Eater in the socket or multiple socket box, the difference is audible immediately.

### **What to expect?**

The Noise Eater removes disturbances and noise from the network. Because the main current "passes-by" the filter it will not produce heat.

The sound character of your system will certainly not change, but the calmness in the sound and the stability of the image will be very noticeable, specially during working hours when there are more disturbance on the network.

The Noise eater is a small investment with maximum performance!

### **Specifications**

Protecting: Phase-Neutral

Maximum Voltage: 250 Volt

Maximum peak-voltage for a very short time: 2500 volt

Maximum peak-current for a very short time: 4500 Ampere

Maximum peak-energy in disturbances: 65 Joule

Response time: <25 nanoseconds

Filterfrequency: All above the audio spectrum

Dimensions: 40 mm round x 130 mm (without pins)

Weight: 135 gram