

Furutech

NCF Clear Line Mains Optimiser



MANY DEVICES PRODUCE RF noise that can interfere with the sound from your audio system. Mobile phones and computer systems generate RFI that can be picked up by your house wiring. Also, low-quality switched-mode power supplies, such as those often supplied with chargers can generate high-frequency noise that can be injected back into your ring main and further pollute the sound.

Detail improvement

To filter out noise from the mains, Furutech has utilised its proprietary Nano Crystal2 Formula (NCF) technology in a conditioner that is entirely passive containing no electronics. It eliminates electrical and mechanically induced resonances from the power socket and AC circuit by using a combination of the NCF material

with air coils. The NCF material is a special crystalline one that not only generates negative ions intended to eliminate static, but also converts thermal energy into far infrared. This is combined with nano-sized ceramic particles and carbon powder to provide an electrical and mechanical damping material.

The main body of the Clear Line is formed with nylon resin and glass fibre that incorporates NCF. The housing is made of a four-layer shell formed from resonance-damping nylon, carbon fibre and NCF. The internal air chamber is also pressure sealed for additional damping. The end cover, which is formed from nylon and NCF, incorporates moulded channels to increase the surface area for additional resonance damping.

Plugging the Clear Line into a mains socket next to my audio system and playing the Prague Radio Symphony



Orchestra performing Prokofiev's *Cinderella*, the initial reflective mood shows a definite improvement in detail, and there's a subtle drop in any background noise with a corresponding improvement in detail with the Clear Line fitted. The bass seems clearer and somehow tighter too. To summarise, the Clear Line is a truly excellent mains cleaner that is extremely easy to fit to any system you may own. **NR**

▶ DETAILS

PRICE

£230

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OUR VERDICT

