

Black Rhodium

THE SOUND OF SUPERIOR QUALITY

8, Derwent Business Centre, Clarke Street, Derby DE1 2BU, UK. Tel +44 (0)1332 342233. Fax +44 (0)1332 342373
www.blackrhodium.co.uk info@blackrhodium.co.uk

OPUS Loudspeaker Cable



"Mini marvel"

"Small it may be, but it certainly packs a performance punch. The Thierry Maillard Trio is super clear with great imaging complemented by tight bass. Moving on to the Elbow track, the Opus shows that it is equally at home with vocals and has excellent detail and particularly good imaging. The latter is demonstrated by a clear distinction between the vocals in front and the instrumental backing behind. The Vivaldi Concerto is equally clear with great depth. In particular, the strings are well rounded and not at all harsh sounding."

**Neville Roberts, HI-FI Choice
September 2015**

OPUS is a British made high quality, easy to use, and very competitively priced loudspeaker cable to connect between your audio equipment and speakers. It is equally suited to first time buyers of music systems and to people who wish to upgrade the sound of their existing interconnect cables.

The design of **OPUS** is based very closely on the very popular award winning HARMONY interconnect cable, with some slight changes to make it even better value for money

Low Transient Phase Distortion through Innovative Design.

OPUS gives a very clear diction of a singer's voice and separates musical instruments superbly through a dramatic reduction of 'Transient Phase Distortion'.

'Transient Phase Distortion' is reduced by using thicker insulation (0.6mm wall thickness) than is usual in interconnect cables, increasing the distance between conductors. The reason behind this change to thicker insulation of the conductors is that when two electrical conductors carry an electrical current, the magnetic field produced by the current in one conductor affects the resistance of the other conductor. This is known as the 'Proximity Effect'. By siting the conductors of **OPUS** 1.2mm from each other, the magnetic field (which reduces inversely proportionally to the distance) on the other cable is lowered and the 'Transient Phase Distortion' is less audible.

This effect can easily be observed when listening to complex musical signals such as massed choirs and large orchestras.

Silicone Rubber insulation for Sharper Leading Edges and Natural Decays

Silicone rubber insulation is used because its low dielectric loss ensures extremely low distortion due to dielectric absorption effects in which sound energy is absorbed in the insulation and released at a later interval of time to create highly audible time-smearing distortion. By using silicone rubber insulation, **OPUS** guarantees you sharper leading edges to your music and lingering, more natural decays.

Silicone Rubber jacket for lower mechanical vibration induced distortion

The outer jacket of **OPUS** is made from the same silicone rubber insulation as is used to insulate the individual cores. The tight mechanical coupling between the outer jacket and inner cores reduces the distortion caused by mechanical vibration within the cable thanks to the damping effects of the soft silicone rubber in absorbing his energy. The result is clearer sound quality and a reduction in harshness in the music.

Advanced Manufacturing Techniques to Reduce Noise and Distortion.

OPUS uses two tin plated copper cores for positive and negative signal flows. These are connected in opposite directions. Our listening tests have shown when connected this way the noise floor between the musical notes lowers. This gives 'blacker' silences in the interval between musical notes and separates individual instruments and voices to give you a much more lifelike presentation of the music..

Simple effective techniques to reduce distortion from RFI

The cores inside **OPUS** are twisted together to reduce their susceptibility to picking up high frequency noise signals that distort your music and reduce your listening pleasure.

The two **OPUS** cables in a stereo pair are twisted together. Thus prevents the cable acting as a "loop aerial" for airborne radio frequency interference which can cause audible distortion to the sound quality.

Gold plated Banana plugs for long life and ease of use.

Gold plated connectors ensure a long reliable use due to the lack of tarnishing. Our banana plugs used on Opus are soldered to ensure long term reliability of contact.

Specifications

Conductors: 16 x 0.2mm diameter (20 gauge) tin plated copper

Insulation: Silicone rubber type GPC

Inner insulation thickness 0.6mm

Outer sheath: Silicone rubber

Outer diameter: 6.25mm

Capacitance: 70pF 1m terminated