

Black Rhodium

Black Rhodium's first loudspeaker cable using Vibration Stabilisation ***ATHENA DCT++ Crystal Sound (CS) Loudspeaker Cable***



Black Rhodium announces the launch of the ***ATHENA DCT++ CS*** speaker cable.

ATHENA DCT++ CS is the first Black Rhodium loudspeaker cable to use the revolutionary Graham Nalty Legacy Range VS-1 Vibration Stabiliser.

The design of ***ATHENA DCT++ CS*** is based on the highly successful TWIST, TWIRL and SAMBA speaker cables which have captured several 5 Star awards in recent months, but includes many advanced design features chosen specifically to give much clearer sound quality and listening enjoyment. These are:

Vibration Stabilising to Reduce Distortion

ATHENA DCT++ CS is the first Black Rhodium Loudspeaker cable to include the GN LEGACY VS-1 Vibration Stabiliser. The vibration stabiliser has been specially designed to reduce audible cable distortion in cables by limiting the effects of vibrations travelling through the conductor wires which can cause audible distortion to your music.

Advanced Cryogenic and Crystal Sound Processing for a Superior, High Impact Sound.

ATHENA DCT++ CS is treated with our advanced DCT++ cryogenic processing treatment. This involves temperature processing above and below room temperature. The DCT++ process alters the molecular structure of the cable to improve uniformity. The benefits of this are everlasting and bring an improvement to every single aspect of the cables performance.

In addition to DCT++ **ATHENA DCT++ CS** is also treated with the Crystal Sound Process. The Crystal Sound process, which is applied to the cable following the completed DCT++ process, refocuses the outermost skin of the conductor. The result is that the surface of the conductor is more closely packed and regular, and has a continuity which aids conduction through removal of voids left by the drawing process.

The main benefits of the Crystal Sound process are that bass notes sound more powerful and refined (you will notice a smaller cable can give the same performance as a much larger cable) and other notes will have greater clarity in their sound.

Low Transient Phase Distortion through Innovative Design.

ATHENA DCT++ CS 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 than is usual in speaker cables, increasing the distance between conductors and thereby reducing the magnetic field seen in each conductor wire as a result of the magnetic field created by the current in the other conductor wire. The benefit in listening is a clearer and more open sound quality.

Anti RFI / EMI Technology to Further Reduce Distortion.

ATHENA DCT++ CS is continuously twisted along their length to prevent the cable acting as a loop aerial. A cable that is untwisted has a larger surface area, therefore has a greater ability to attract RFI/EMI signals generated from Radio, Wifi, Mobile Phones and even central heating systems.

Additional RFI/EMI filtering is also applied directly to the conductor wire. This prevents high frequency noise modulating the signal at either end of the cable.

Both of the treatments above are designed to further reduce the amount of audible distortion in the cable, allowing cleaner, clearer sounds to be generated from your equipment.

Advanced Manufacturing Techniques to Reduce Noise and Distortion.

ATHENA DCT++ CS uses two silver 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 enhances reproduction of the musical edges and natural decays in music.

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.

High End Rhodium Plated Connectors – A Cable Is Only Good When All The Parts Are The Very Best Around!

ATHENA DCT++ CS is terminated with ultra high quality Rhodium Plated Locking Banana Plugs. These plugs are exclusively treated with the DCT++ CS treatment to further deliver the benefits discussed earlier. DCT++ and Crystal Sound Treated Connectors CANNOT be purchased in any retail store, and are exclusively available on Black Rhodium terminated cables.

Rhodium plating is applied to the plugs to ensure a cleaner and less corroded contact is maintained between the plug and socket and its effect a much livelier and more exciting sound from the music.

Additional security of the connection between the cable and plug is provided by a set screw that clamps the outer insulation of the wire.

Sleek Looks to Complete the Job!

ATHENA DCT++ CS is double coated in an attractive jet black outer nylon braid, sourced specially by Black Rhodium cables from a UK supplier. This gives the cable a sleek look which you can be proud to own and show to visitors to your home!

This is topped off with glossy Black Rhodium directional heatshrink labels to give the cable the perfect finish it deserves.

Specifications

Conductors: 19 x 0.45mm diameter (13 gauge) silver plated copper

Insulation: Silicone rubber type GPC, 2mm thick

Total Outer Diameter of Cable: 14mm

Capacitance: 3m terminated: 100 pF

Weight: 3m terminated: