



THE SOUND OF SUPERIOR QUALITY

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**Black Rhodium Introduces a new Low Noise Low distortion Power Cable**

## Titan



**Titan 13A - IEC**



**Titan USA - IEC**



**Titan Schuko - IEC**



**Titan can also be terminated with C19 16A IEC Connectors**

Black Rhodium announces the launch of TITAN Power Cable.

### ***Ultra low RFI noise through triple electric screen***

**TITAN** mains cables are thoroughly screened with three separate layers of screening to not only prevent any high transients in the cable from interfering with other cables nearby, but also to protect the mains voltages it carries from all external noise.

Terminated **TITAN** cables also employ additional noise cancelling technology that enhances the sound quality and increases the pleasures of listening to music.

### ***Low Noise and extended dynamics from Low Microphony Design***

Each of the mains conductors (live, neutral and earth) employs a special conductive low microphony layer that reduces triboelectric effect that occurs when friction between the screen and the insulation creates an electrical charge. By separating the screen and insulation by a special conductive layer, the charge is quickly dissipated. This prevents microphonic noise voltages between the screen and conductor being generated. Such noise could modulate the sensitive electrical signal used to create music through the speakers and create out of phase distortion that is easily audible. By eliminating this form of distortion, the music becomes clearer and more dynamic, with greater ambience and experience of the music's emotional qualities.

### ***Anti RFI / EMI Technology to Further Reduce Distortion.***

**TITAN** conductors are 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.

### ***Low Transient Phase Distortion through Innovative Design.***

**TITAN** mains cables have been designed to give 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 interconnect cables, increasing the distance between conductors. This reduces 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.

### ***PTFE Insulation for Low Dielectric Absorption and Clearer Sound***

PTFE 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.

### ***Vibration Stabilisers to Reduce Distortion***

**TITAN** mains power cables are fitted with two Graham Nalty legacy Range VS-1 Vibration Stabilisers on each cable. 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. The benefits of a tighter sound of the VS-1 are enjoyed in all types of music, but in particular plucked strings such as double basses and harps are reproduced in a much sharper presentation.

Specification of Black Rhodium TITAN mains power cable

- High quality Audiophile grade power connectors
- Rhodium plated IEC connector
- 16AWG Silver plated copper conductors
- Triple screened for ultra RFI / EMI Rejection
- Insulated in PTFE for low dielectric absorption and clearer sound
- Attractive dark purple outer braid
- Cables can be supplied with UK, UL and Schuko power connectors
- Vibration Stabiliser weight 155 g x 2