

Ansuz Sortz

Noise Reduction Devices by Ansuz

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The Swiss based Alesca Audio Fidelity has been active in the Swiss market for nearly two years now, successfully distributing Audio Group Denmark's products. The latest products in the interesting range of the Danish manufacturer are the Ansuz Sortz devices, according to the manufacturer equipped with Anti Aerial Resonance Coil Technology (AARC) for high-quality audio systems.



Sortz: High-end accessories, made in Denmark, coming with noble packaging

Ansuz Acoustics adds the new Ansuz Sortz to its series of noise reduction and resonance control components. Termination plugs for open input and output jacks; this innovative audio product is designed to reduce unwanted noise entering any audio component through the open input and output jacks or through the ground connection. According to the manufacturer, the new Sortz feature Ansuz's leading technologies designed to ensure electrical grounding. Ansuz Sortz are currently available in RCA, BNC and XLR configurations, USB and LAN versions to follow.

Prices start at CHF 680 per piece, depending on material and design.



On the left the XLR, on the right the RCA version.

Noise reduction with Ansuz technologies

According to Ansuz, open input and output sockets are a source of unwanted noise in electronic hi-fi components. According to the manufacturer, these open interfaces act like antennas for high-frequency noise from the air. This noise is picked up by the ground connection of the audio component (source devices, amplifiers, etc.) according to Ansuz.

The ground connection is one of the most critical sources of noise, according to the Danish manufacturer. Since all audio components are connected to each other via their ground connection, this parasitic noise is also transmitted to all other audio components.

Ansuz says it has incorporated two critical technologies in the Sortz: Tesla coils, with the ability to pick up noise, and what the manufacturer calls "anti-aerial resonance coils," which together are said to significantly reduce noise levels.

Ansuz Anti-Aerial Resonance Coil Technology - AARC



The copper-colored end simulates an endless antenna.

The open socket acts like an antenna, picking up noise. Ansuz Sortz are equipped with anti-aerial technology, which is designed to drastically reduce this noise interference. The principle of this technology, Ansuz explains, is to ensure that the signal path has no final length so that it can no longer act like an antenna. This is to prevent RF/EMI (radio frequency radiation/electromagnetic interference) interference from being absorbed from the air in the circuits and then entering the audio system as annoying "white noise".

Ansuz Tesla Coil Technology - TC

The Ansuz Tesla coils are constructed as inverted double coils. According to the manufacturer, when these double coils encounter a voltage peak, a counter-peak is induced in the counter-wound part of these coils, which is intended to neutralize and thus eliminate the disturbing voltage peak

Ansuz Signature Resonant Coatings

The Sortz devices are offered in Basic, Supreme and Signature versions. The Signature cabinet features an acoustically optimized Supreme coating and has an additional layer of zirconium as a topcoat to ensure the best sound. The coatings are applied to the enclosures in a particle accelerator to create the finest and most uniform coating. They are made of zirconium and tungsten, followed by a layer of aluminum titanium nitride.



The Sortz

device, used on an Aavik amplifier with unbalanced RCA jacks.

Cryogenic treatment of the Ansuz Sortz

All three versions of the Ansuz Sortz are additionally subjected to cryogenic treatment to increase their conductivity. During cryogenic treatment, the metal parts are cooled to extremely low temperatures of around -196°C . This process is called cryogenic treatment. The cooling process causes the crystal structure of the metal to contract more and more. Alloying elements are displaced from the crystalline structure of the metal to create a nearly monocrystalline structure. According to the manufacturer, these structural changes to the metal have a profound effect on its audio properties and results in a 6-8% increase in conductivity.

To convince you of the possible sonic optimizations provided by the Ansuz Sortz in your audio system, Alesca Audio Fidelity provides serious interested parties with a limited number of Ansuz Sortz demo test sets and looks forward to hearing from you!

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