



Khloe Main Power Cable

Overview

The composition of the components included in the Khloe Series has been selected very strictly. This is to insure that the Khloe Series cables will answer to the high requirements of high-end audio devices.

The connectors

The Orpheus R&D Team decided to use one of the most known connectors, not because of the brand but more because their outstanding specifications and design. The stamp Audio Grade tells us that these connectors have been specially developed for audio devices, with respect to their demanding requirements concerning EMI filtering and current peaks. The innovative designs use the finest materials and their state-of-the-art manufacturing processes have resulted in a system of power connectors that are in a class of their own. In the composition of the connector several precious materials have been used, such as silver, gold and copper, with the aim of having a highly conductive connector. The connectors used in the Khloe Series are cryogenically treated.

The cable

The cable which is probably one the most important component of the Main Power Cable is made by an audiophile brand present in several high-end devices. We selected the cable with its copper composition, and that is why the Orpheus Team has assumed the option to use the flat copper technology for its highly conductive capacity. The copper type of the cable is called High Purity Oxygen Free Copper (OFC) which increases the conductive performances of the cable. Special plastic isolation is used between the wires and several shieldings are used like a thin aluminium film and OFC braiding. The earth connection is soldered with the copper braiding and this isolates the wires from outside noises. This cable has also been developed specially for audio experts.

The ferrite bead

A ferrite bead is incorporated in an aluminium tube placed close from the IEC connector (device side) for optimising its performance. This part is a passive electric component used to attenuate the high frequencies in electronic circuits. The ferrite beads are used as a passive low-pass filter in the way to eliminate the EMI/RFI interferences. The unwanted frequencies are eliminated in heat.

The finish

At Orpheus we know that the design is also really important and we decided to integrate this product with our Privilege and Heritage Series so we used two different types of braiding in to obtain a colour that is close to the aluminium treatment of our devices. The ferrite bead is integrated in aluminium and engraved with its serial number tube to adhere to Orpheus standards. Moreover all Khloe Cables are delivered in a cute black bag which makes it easier to transport it from one place to another one with class and style.