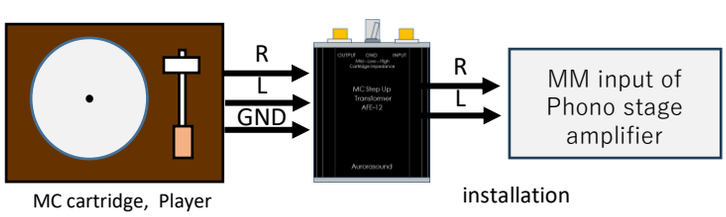
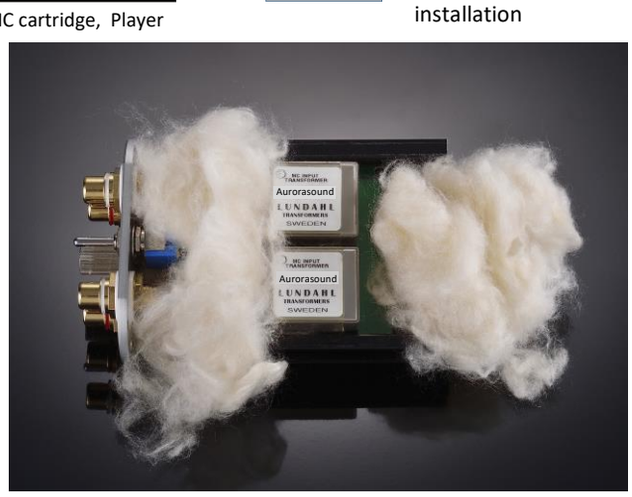
AFE-12

Aurorasound

Step Up Transformer for MC cartridge

Size: W70 x D30 x H95mm, 244g





Filled with pure cotton, to reduces the influence of external vibrations.

Specifications
Input : RCA, connect the wire from the player that equipes MC
Output : RCA, goes to MM input of phono stage amplifier
Cartridge impedance select : 3positions High / Low / Mid
Gain : 26dB, at low position
Frequency response : 20Hz ~ 50kHz, -3dB
Size : W70 x D30 x H95mm, 244g
Accessory : Small lubber foot

Features

1. Lundahl MC transformer
Transparent sound without coloration
Unaltered cartridge characteristics

2. Selectable cartridge loading for different cartridges, 3 positions
Low 0.7Ω –10Ω
Mid 11Ω –30Ω
High 31Ω –100Ω

You can easily change cartridge loading with a three-position switch. Instead of the common winding tap method, AFE-12 always uses 100% winding on both primary and secondary sides. The signal energy is very well preserved.

3. Small robust body, gold-plated terminals

Lundahl Transformers of Sweden is a manufacturer specialized in production of transformers for professional audio & tube amplifiers.

LUNDAHL — TRANSFORMERS —

Their products are characterized by
1. Do not use conventional bobbins
2. Unique uncut amorphous cobalt core
3. Dual coil construction for increased immunity to magnetic hum
4. Put it in a case and do not harden with resin
5. All manufacturing machines are developed in-house

Lundahl special winding technique, also called stick winding, avoids the problem of barrel-shaped or anti-barrel-shaped windings you get with multi-layer windings in bobbins. With the stick winding technique, insulating sheets are inserted between each layer of copper wire, for reduced internal capacitance. The winding is always laid out cleanly even after many layers. This allows for more copper wire to be wound in a smaller volume, and results in a superior frequency characteristic. The dual-coil structure, also called hum-bucking structure, reduces the sensitivity to external magnetic fields. The AFE-12 uses an MC SUT in which many layers of an amorphous strip is wound through the coils to form an uncut core, a procedure unique for Lundahl Transformers. As a result, the transformer has an efficient sound energy conversion of micro level signals and an excellent frequency characteristic.