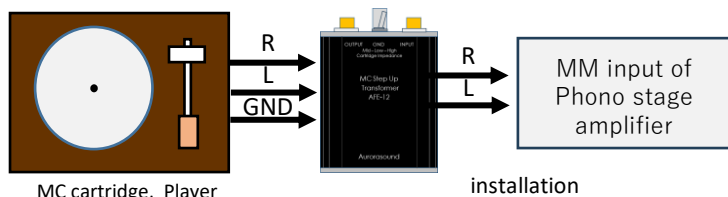


## Step Up Transformer for MC cartridge



Size: W70 x D30 x H95mm, 244g



Filled with pure cotton, to reduce the influence of external vibrations

### Features

#### 1. Lundahl MC transformer

Transparent sound without coloration  
Unaltered cartridge characteristics

#### 2. Selectable cartridge loading for different cartridges, 3 positions

Low  $0.7\Omega - 10\Omega$   
Mid  $11\Omega - 30\Omega$   
High  $31\Omega - 100\Omega$

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

#### 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, which does not use conventional bobbins, avoids the problem of barrel-shaped or anti-barrel-shaped windings when many layers cover wire in bobbins. With stick winding insulating sheets are wrapped directly between each layer of copper wire, so that the windings always lay out cleanly even if there are many layers. This allows more copper wires to be wound in a smaller volume and results in a superior frequency characteristics. The dual-coil structure has the advantage that two coils of the same configuration cancel external magnetic noise, and the magnetic flux produced by the coil itself does not affect the outside. The **AFE-12** uses an MC SUT in which an amorphous strip is wound through the coils in many layers on a special machine made by Lundahl, to form an uncut core. As a result, the transformer has efficient sound energy conversion in micro level signals and excellent frequency characteristics.

### Specifications

**Input** : RCA, connect the wire from the player that equips MC

**Output** : RCA, goes to MM input of phono stage amplifier

**Cartridge impedance select** : 3 positions High / Low / Mid

**Gain** : 26dB, at low position

**Frequency response** : 20Hz ~ 50kHz, -3dB

**Size** : W70 x D30 x H95mm, 244g

**Accessory** : Small rubber foot