

Live! MC-10 MC Cartridge Step-Up Transformer

from SoundTradition

Users Guide



(Showing both Black and Silver Units)

Congratulations on your purchase of the Live! MC-10 MC Cartridge Step-Up Transformer.

The Live! MC-10 mounts the Hashimoto HM-3 MC Step-Up transformers which yield very realistic sound with excellent frequency response. The purpose of the Live! MC-10 is to boost very low MC cartridge signal, such as 0.2mV, by 20 or 40 times so that the output level of the Live! MC-10 becomes high enough for a standard MM phono equalizer without introducing active amplification.

The Live! MC-10 is equipped with two 2-way impedance switches (one switch per each channel) to allow the most suitable setting for almost all MC cartridges in the market. The low impedance setting is at 3 Ohms which accommodate MC cartridges whose internal impedance is between 2 and 7 Ohms. The high impedance setting is at 12 Ohms which accommodate MC cartridges whose internal impedance is between 7 and 40 Ohms. With the 47KOhms loading impedance of your MM phono equalizer, low impedance cartridge signal can be amplified by 40 times (32dB gain) and high impedance cartridge signal can be amplified by 20 times (26dB gain). **Note:** The actual amplification ratio will depend on the cartridge's internal impedance and phono equalizer's loading impedance.

You can place your Live! MC-10, after your turntable and before MM cartridge phono equalizer or pre/integrated amplifier with a MM cartridge input. The connections with these equipments have to be made through two input RCA jacks (left and right channels) and two output RCA jacks (left and right Channels). For example, the right channel from your turntable needs to be plugged into the input connector of right transformer. Then, the inter-connector to the right channel of your phono equalizer has to be connected to the same side of the output connector. The left channel needs to be followed in the same procedure. Please refer to the wiring diagram on the next page for more details.

Since interconnecting RCA cables are not included in this package, please choose the highest quality of inter-connectors. The quality of your inter-connectors can be a determining factor for your final sound (including the chance of picking up hum and noises).

Besides the interconnecting RCA cables, a grounding wire from the turntable and another grounding wire from the amplifier must be firmly connected to the grounding post on the Live! MC-10.

Because the signal level of MC cartridges is very low, the Live! MC-10 as well as its interconnecting wires has to be positioned far enough from any power transformers and turntable motors in order to avoid picking up hum and interferences.

Specifications of Hashimoto HM-3 Step-Up Transformer:

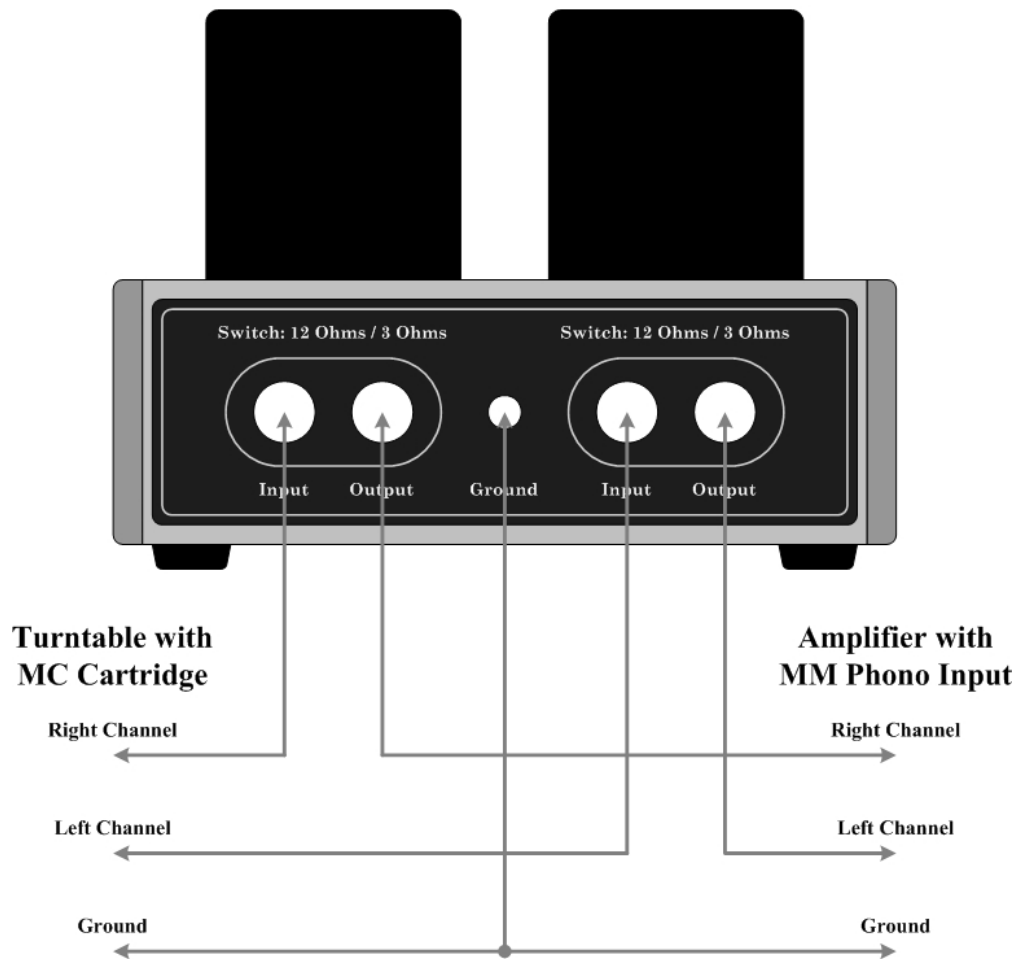
Frequency Response: 15 to 50KHz +/- 1dB, Insertion Loss – less than 1.5dB

Low Impedance Position: 3 Ohms, suitable for 2 to 7 Ohms MC Cartridges with 32 dB (x40) gain

High Impedance Position: 12 Ohms, suitable for 7 to 40 Ohms MC Cartridges with 26dB (x20) gain

Recommended Equalizer Load Impedance: 47K Ohms

Live! MC-10 Wiring Diagram



Contact Information

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