



Moving Coil Cartridge
Step-Up MC Transformer

SUP-200

Instruction manual

Dynavector Systems, Ltd

The Dynavector SUP-200 is superior quality step up transformer that will extract the very best musical performance from most moving coil cartridges. Although predominantly designed for use with Dynavector MC cartridges. The SUP-200 has 26dB gain and can be matched with all moving coil cartridges within the 3-35 ohms Impedance range and an output voltage of more than 0.1mV.

■ Important Safety Instructions

1. Read the instructions

Safety and operating instructions should be read before using the SUP-200.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Follow Instructions

All operating and use instructions should be followed.

4. Location

The SUP-200 should be installed in a stable location with ample ventilation. We recommend that this transformer be placed at a suitable distance away from all amplifiers.

5. Water and Moisture

As with any electrical equipment, this transformer should not be used near water and moisture.

■ Features

1. The use of high permeability core material ensures ultra low distortion and maintains minimum power loss.
2. Vibration control is achieved by impregnation of the coil. Further insulation is provided between the coil and casing. Large diameter OFC coil windings ensure minimal power loss, high resolution in the critical mid-low frequency area and a smooth high frequency response.
3. The transformer is magnetically double shielded by a non-metal housing then encapsulated in a thick aluminium case that completely separates the left & right channels and ensures complete shielding.
4. A high quality carefully selected resistor is used to correctly terminate the secondary output to maintain a steady performance and excellent frequency response regardless of the change in load impedance or connected audio cables.
5. Rhodium plated input-output RCA terminals provide excellent reliability and long durability. Rigid construction of the aluminium chassis discourages vibration and culminates in a high performance aesthetically pleasing product.

■ Connection and Operation

- (1) Power **OFF** all equipment before attempting install the SUP-200 in your system. This includes all power amplifiers, integrated amplifier, pre amplifiers or phono stages.
- (2) Always use high quality low capacitance interconnect cables with correct RCA male connectors. The left and right channel outputs of the SUP-200 should always be connected to the standard MM Level RIAA phono inputs of the preamplifier or similar having a phono input of 47k ohms load.

NEVER CONNECT THE SUP-200 TO A MC INPUT.

- (3) The outputs of the tonearm cable with RCA male connectors should be connected to the right channel and the left channel inputs of the SUP-200.
- (4) Normally the SUP-200 GND terminal is to connect an earth wire from the turntable or the tonearm cable.
- (5) The SUP-200 is installed in a double shielded case, but can sometimes induce "hum" in a strong magnetic field. In this case change the position of the SUP-200.

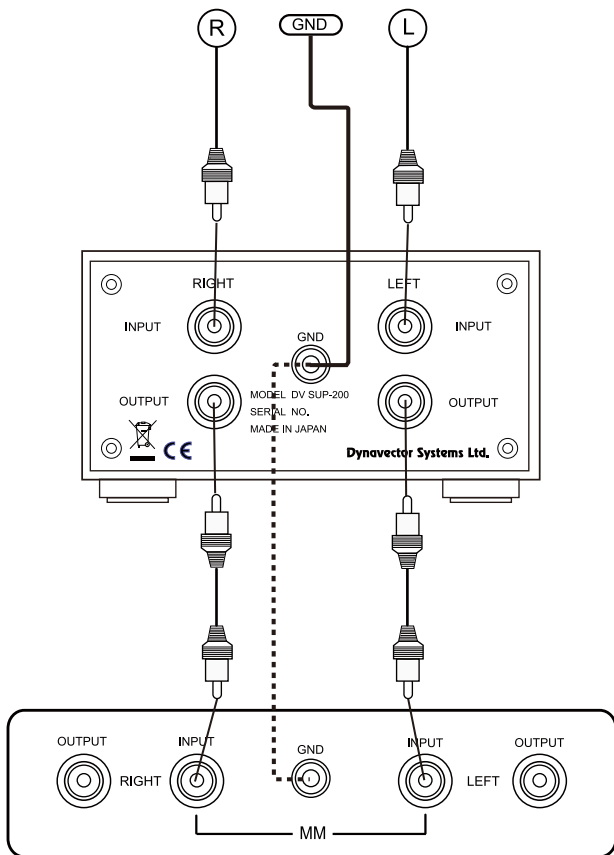
If hum persists it can usually be eliminated by connecting a ground wire from the preamplifier / integrated amplifier GND terminal to the SUP-200 GND terminal or consult your dealer.

WARNING

Never attempt to use any apparatus to measure across the SUP-200's connectors. Failure to observe this warning could lead to magnetization of the transformer core resulting in reduced performance or permanent damage.

Never attempt to attach any electrical power supply to the SUP-200.

Output of the Tonearm cable



Preamplifier MM input / Phono stage MM input

■ Specifications

Frequency Response	: 20 Hz - 100k Hz (+0.5 dB, -1.0 dB)
Step-Up Gain	: 26dB (3 ohms / 47k ohms at 1K Hz)
Channel Balance	: < 0.1dB at 1k Hz
Channel Separation	: > 90dB at 1k Hz
Input Impedance	: 3 ohms - 35 ohms
Recommended Load	: 47k ohms
Impedance	
Dimensions	: W120 mm x D100 mm x H60 mm
Weight	: 1.15 kg

■ Warranty & Service

Valid on completion of warranty card and confirmed date of purchase. This Dynavector product is warranted against defects in material and workmanship for one year from date of purchase. This warranty does not cover normal wear, tear, improper use/installation, faulty ancillary equipment, modifications, and unauthorized repair.

Warranty is restricted to the territory in which the product was purchased. Our distributors and dealers are under contractual obligation to service under warranty products only sold through them. They are entitled to make a non refundable charge for service to products purchased outside the territory if required.

Claims Under This Warranty

The product should be returned to the dealer or the nearest Dynavector distributor, complete with warranty card and confirmed date of purchase.

The European Waste Electrical and Electronic Directive



This product can be recycled. Products bearing this symbol must NOT be thrown away with normal household waste. At the end of the product's life, take it to a collection point designated for recycling of electrical and electronic devices. Find out more about return and collection points through your local authority.



The European Waste Electrical and Electronic (WEEE) Directive was implemented to dramatically reduce the amount of waste going to landfills, there by reducing the environmental impact on the planet and on human health. Please act responsibly by recycling used products. If this product is still useable, consider giving it away or selling it.

Dynavector Systems,Ltd

3-2-7 Higashi-Kanda Chiyoda-ku
Tokyo 101-0031 Japan
TEL: +81(0)3-3861-4341
FAX: +81(0)3-3862-1650
website: www.dynavector.com