



tonar international b.v.

Congratulations on your purchase of this fine Tonar Vinyline phono preamplifier! For trouble-free enjoyment, please follow the instructions below.

Selecting The Cartridge Mode

The Vinyline preamplifier must be used in either the MM (moving magnet) or MC (moving coil) mode. If you are unsure of your cartridge type, please refer to the information that came with the cartridge or consult a dealer.

The push-button switch on the back of the unit allows you to select the correct setting for your cartridge. With the switch depressed it is in the MC mode and with the switch out it is in the MM mode. Please refer to the photo below. Be sure to disconnect the power supply before changing the mode to prevent possible overload of the signal.

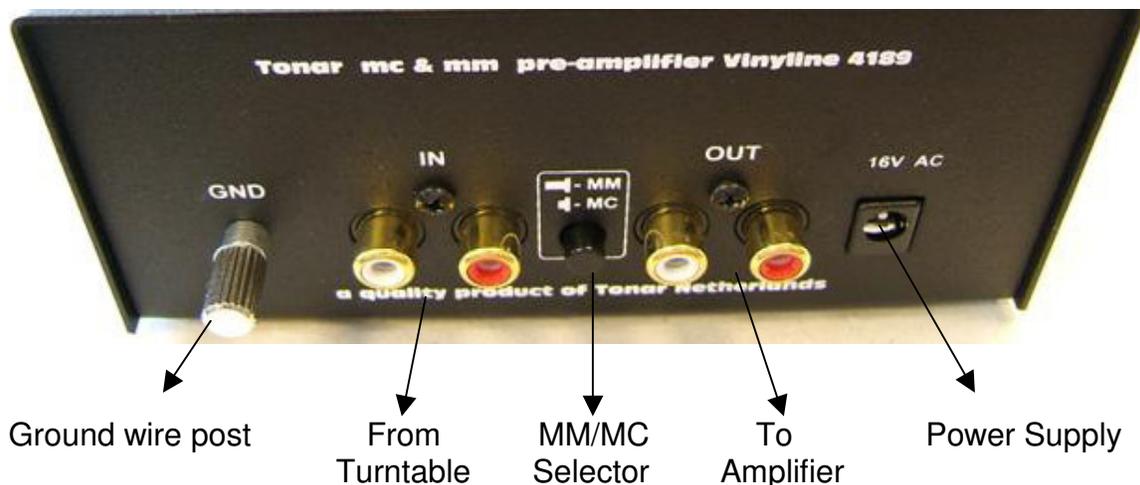
Connecting the turntable

Before making any audio connections, please disconnect the power supply.

Connect the turntable's audio cable to the "IN" jacks on your Vinyline preamplifier. It is important that the left and right channel connections are made correctly: the right channel is usually marked red and the left channel is usually white or black. If there is a grounding wire connected to the turntable, it should be connected to the "GND" terminal post. Please refer to the photo below.

Connecting to the amplifier

Connect an audio cable from the "OUT" jacks on the Vinyline preamplifier to a line input on your amplifier (e.g. AUX, Tuner, Tape, CD). (Do NOT use an input marked "Phono" as it will be overloaded by the already amplified signal). Again, make sure that the left and right channels are correctly connected.



Power Supply Connection

The Vinyline phono preamplifier is supplied with a power supply suitable for your local hydro type (e.g. 110 or 220v). Check the label on the power supply to be sure you have the correct type for your area. Before plugging the power adaptor into a wall receptacle, first connect the low voltage output lead from the power supply to the “**16V AC**” socket on the back of the Vinyline preamplifier. (refer to photo on P.1) Do not use any other adaptor except the one supplied.

Common Troubleshooting Tips

- No audio signal on one or both channels:
 - Audio RCA plug not fully inserted into the jack of either the Vinyline preamplifier or the main amplifier.
 - Defective cable plug or a break in the cable.
 - Power supply for Vinyline not plugged in or Amplifier not turned on.

- Noticeable hum:
 - No ground wire connection from the turntable to the Vinyline preamplifier grounding post.
 - Possible ground loop problem. Try different grounding scenarios, such as removing the grounding connection or connecting directly to the main amplifier grounding post.

- Output from the Vinyline preamplifier too loud, too soft, or distorted:
 - Incorrect setting of the MM/MC switch. Turn down the amplifier volume control and change the MM/MC selector switch. Slowly turn up the amplifier volume control to verify that the problem has been corrected.

If you are still experiencing problems, please consult with your dealer

Warranty

Your Vinyline phono preamplifier is warranted against defects for a period of one year from purchase. Keep your receipt as proof of purchase and return the unit to the selling dealer for warranty handling. The unit will be repaired or replaced at the discretion of the manufacturer. Modifications or changes of any type to the product will nullify the warranty and release the manufacturer of any liability. The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use.

Technical Specifications:

Input impedance, MM: 47k Ohm/100pF, MC: 100 Ohm/100pF

Output voltage: 200mV/1kHz at 5mV/1kHz MM input, at 0,45mV/1kHz MC input

Gain: MM: 32dB, MC: 53dB

Noise floor, MM: -88dB, MC: -79dB

THD: 0,005%

RIAA-equalisation curve accuracy: 20Hz - 20kHz / max. 0,5dB

Power supply: 16V/200mA AC (suitable for your local hydro supply)