



PH1

**High Performance
Moving Magnet & Moving Coil
Phono Stage**

Operating Instructions

Emotiva PH1 Operating Instructions

The Emotiva PH1 is a high-performance moving magnet and moving coil phono stage that will enable you to connect the output of a turntable directly to a line level analog input on your preamp or preamp/processor. The Emotiva PH1 is designed to deliver exceptional audio quality, with tight adherence to the RIAA equalization curve, from both Moving Magnet (MM) and Moving Coil (MC) phono cartridges.

The Emotiva PH1 includes a specially selected low noise USB-C AC power adapter (wall wart) and matching 2-meter USB-C power cable. For optimum performance we strongly recommend that you use the ones we provide.

Specifications -

THD (at 1 kHz; A-weighted)

Moving Magnet: < 0.02%

Moving Coil: < 0.003%

THD (at 20 Hz; A-weighted)

Moving Magnet: < 0.01%

Moving Coil: < 0.002%

RIAA Equalization

20 Hz - 20 kHz +/- 0.5 dB

Input Impedance

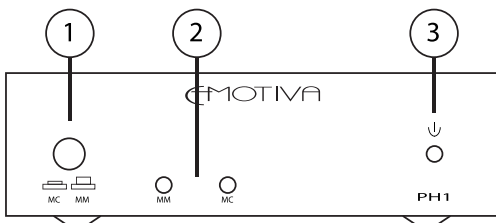
Moving Magnet: 47 kOhms

Moving Coil: 100 Ohms

Gain

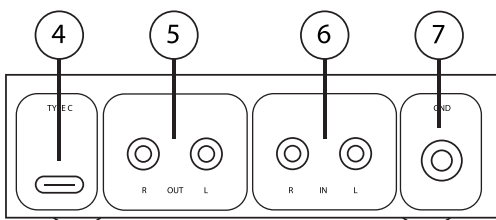
Moving Magnet: 40 dB

Moving Coil: 60 dB



1. Use this button to select the type of cartridge you have.
2. These LEDs will indicate the type of cartridge you have selected.
3. This LED illuminates to show that you have power.

Note - The outputs of the PH1 are protected by muting circuitry from making unintended noise if power is lost or disconnected. However we still recommend turning your preamp down or switching it to a different input when you're not using your PH1.



4. Connect the AC power adapter supplied with your PH1 to this USB port using the supplied power cable.

Note - We DO NOT recommend using any AC power adapter or USB cable with the PH1 other than the ones we provide.

5. Stereo line level outputs; connect these to a **STEREO LINE LEVEL ANALOG INPUT** on your preamp or pre/pro.
6. Stereo phono inputs: connect the cables from your turntable to these inputs.

Note - Be sure to set the PH1 to match the type of cartridge you have (MM or MC) using the switch on the front panel (1).

Note - The PH1 is designed to accept the audio signal coming directly from a phono cartridge. If your turntable has a switchable internal phono preamp you should bypass it and connect the cartridge outputs directly to the inputs of the PH1.

7. If your phono preamp has a separate ground wire then connect it to this ground lug.

If you have any questions or problems please contact Emotiva Technical Support at: (615) 790-6754 (www.emotiva.com)



Emotiva Audio Corporation
135 Southeast Parkway Court
Franklin, TN 37064

www.emotiva.com