Hafler®

PH50

Phono Stage

User Guide

Made in Canada

Hafler is a division of Radial Engineering Ltd.
1588 Kebet Way, Port Coquitlam
BC, Canada V3C 5M5
(604) 942-1001 info@hafler.com

DYNACO®

www.hafler.com

PH50 PHONO STAGE

USER GUIDE

Table of Contents **Page**

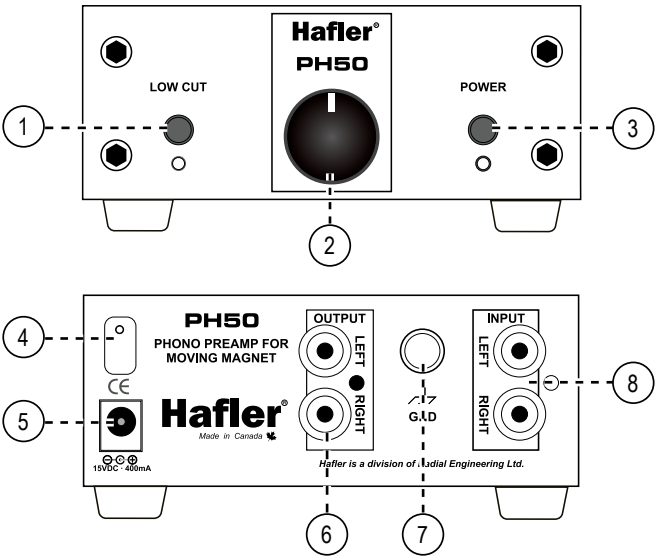
Features 1
About Moving Coils 2
Connect 3
Using 4
Warranty ..... Back Cover

Thank you for purchasing the Hafler PH50 phono stage, one of the best sounding yet reasonably priced preamps ever made. The PH50 will boost the signal from your turntable to a manageable level and introduce the RIAA curve that is needed to properly play back a typical long play album.

Before making any connections, make sure your audio system is turned off. This will help avoid loud turn-on and connection transients that can damage more sensitive components such as tweeters.

The Hafler PH50 is designed for a turntable that is equipped with a standard dynamic cartridge so that it can be played using a typical -10dB line input such as an AUX IN or CD IN on a receiver or preamplifier. If your turntable is equipped with a moving coil cartridge, please consider purchasing the PH60 as this phono preamp is specifically designed for these types of cartridges.

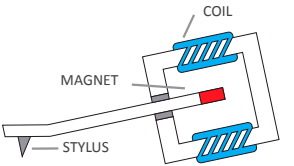
FEATURES



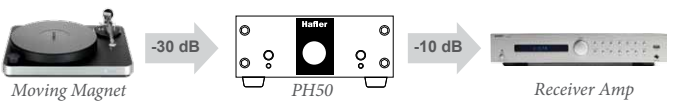
1. **LOW CUT:** Activates the high-pass (low cut) filter
2. **HPF CONTROL:** Variable high-pass filter eliminates excessive low frequencies
3. **POWER ON:** Power switch turns on the PH50
4. **CABLE CLAMP:** Secures the power supply cable
5. **15 VDC:** External power supply included
6. **OUTPUT:** RCA to receiver or HIFI system
7. **GROUND LUG:** Connect turntable to eliminate hum and buzz
8. **INPUT:** RCA input to connect your turntable to the PH50

ABOUT MOVING MAGNET CARTRIDGES

Moving magnet cartridges tend to produce a lush, mellow sound. Most MM cartridges have replaceable styli. Their high voltage output, variety, and the availability of stylus replacement make moving magnet cartridges a great choice for the beginner and audiophile alike.



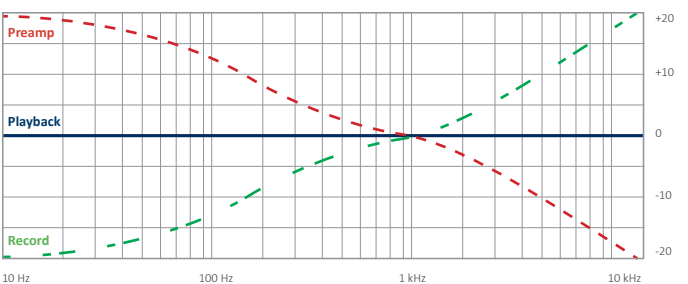
The Hafler PH50 is specifically designed for moving magnet cartridges. It will boost the signal to produce a -10 dB output while incorporating a well defined RIAA curve preserve and transmit the original program material with minimal coloration.



Moving Magnet *PH50* *Receiver Amp*

ABOUT THE RIAA EQUALIZATION CURVE

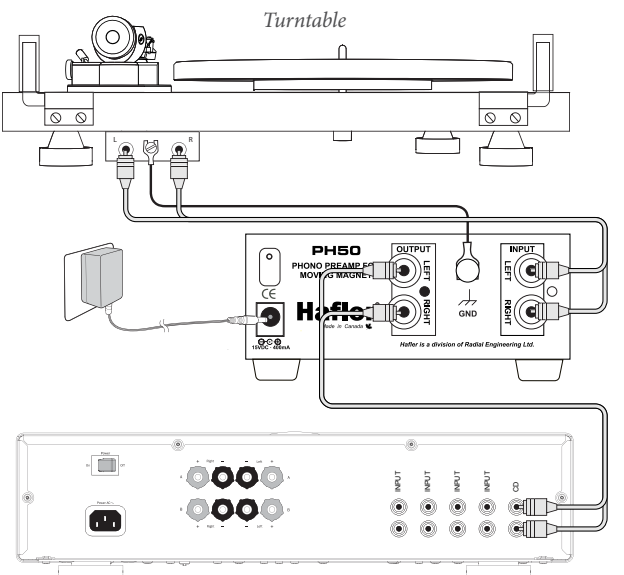
The Recording Institute Association of America (RIAA) figured out that in order to reproduce the recording effectively, the high frequencies have to be exaggerated. Upon playback, the reverse filter must then be applied – resulting in a flat or natural sound.



CONNECT

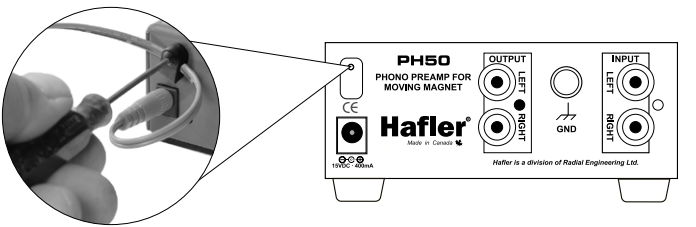
Turn off your system and connect the output from your turntable to your PH50 and the output from the PH50 to a line level input on your receiver. Make sure you use high quality coaxial cables with proper shielding to minimize noise. It is also very important that you ensure the ground connection from the turntable be properly and securely fastened to your PH50.

Connect the included 15VDC power supply and secure the power connection into place using the cable clamp. Once all connections are made, turn the volume on your audio system down and then turn on the power. The power LED on the PH50 will illuminate to let you know the power is being received. Slowly increase the volume and adjust the HPF to suit.



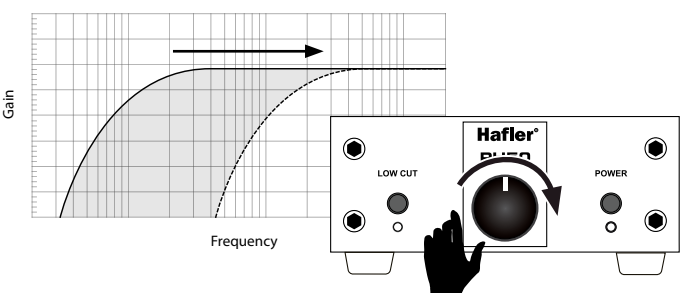
SECURING CABLES

A cable clamp next to the power jack can be employed to prevent accidental disconnection. Loosen the clamp, pass the power cable through and re-tighten.



LOW CUT FILTER

The PH50 is equipped with a fully variable high-pass (low cut) filter that can be activated to eliminate excessive low frequency rumble. This can occur when listening to music at higher levels. If you encounter rumble, simply turn the dial fully counter-clockwise (7:00 o'clock) and then slowly turn clock-wise until the problem subsides. This handy control can also be used to reduce low frequency transmission to other rooms. Bass energy is much more powerful than mids and highs. Cutting the bass enables you to increase the volume without causing others discomfort. You are now ready to enjoy.



THREE YEAR TRANSFERABLE LIMITED WARRANTY

HAFLER (A division of Radial Engineering Ltd.) ("Hafler") warrants this product to be free from defects in material and workmanship and will remedy any such defects free of charge according to the terms of this warranty. Hafler will repair or replace (at its option) any defective component(s) of this product (excluding finish and wear and tear on components under normal use) for a period of three (3) years from the original date of purchase. In the event that a particular product is no longer available, Hafler reserves the right to replace the product with a similar product of equal or greater value. In the unlikely event that a defect is uncovered, please call 604-942-1001 or email service@hafler.com to obtain a RA number (Return Authorization number) before the 3 year warranty period expires. The product must be returned prepaid in the original shipping container (or equivalent) to Hafler or to an authorized Hafler repair centre and you must assume the risk of loss or damage. A copy of the original invoice showing date of purchase and the dealer name must accompany any request for work to be performed under this limited and transferable warranty. This warranty shall not apply if the product has been damaged due to abuse, misuse, misapplication, accident or as a result of service or modification by any other than an authorized Hafler repair center.

THERE ARE NO EXPRESSED WARRANTIES OTHER THAN THOSE ON THE FACE HEREOF AND DESCRIBED ABOVE. NO WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL EXTEND BEYOND THE RESPECTIVE WARRANTY PERIOD DESCRIBED ABOVE OF THREE YEARS. HAFLER SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS ARISING FROM THE USE OF THIS PRODUCT. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY DEPENDING ON WHERE YOU LIVE AND WHERE THE PRODUCT WAS PURCHASED.

Hafler®

Hafler PH50™ User Guide - Part #: R870 1304 00
Copyright 2015 Radial Engineering Ltd. All rights reserved.
Specifications and appearance subject to change without notice.

www.hafler.com