

# Hafler®

## PH60

Order#: H100-0060

# PH60

## Phono stage for moving coil cartridges



- Combination pre-preamp with RIAA phono stage for moving coil cartridges
- Ultra low noise transformerless design with 70 dB of gain
- Switchable high-pass filter eliminates rumble from excessive bass
- Internal jumpers match the input impedance with the cartridge

The Hafler PH60 is a high performance phono preamp for moving coil cartridges that combines a class-A transformerless head-amp design with a well defined RIAA curve to preserve and transmit the original program material with minimal coloration. To address the various cartridge impedances that exist, a series of internal jumpers may be set to properly match the source and destination. Due to the extremely low signal level produced by moving coil cartridges, particular attention has been applied to reducing noise while retaining the purity of the signal path.

The design begins with a 14 gauge steel casing to shield the low level signals from external magnetic fields and RF contamination. Gold-plated RCA input and output connector pairs are employed that will not tarnish over time, thus optimizing signal flow. Inside, the solid-state circuit and military grade PC board has been optimized by carefully positioning parts for minimal self-noise and cross-talk and then supplemented with a ground plane to reduce susceptibility to RF. An external supply further reduces emissions by removing the power transformer from inside the casing.

Front panel controls include a power on-off switch and a low-cut filter that may be inserted into the signal path when needed. This enables the user to attenuate low frequencies that can cause resonance and feedback when playing music at higher levels. This helps eliminate both airborne and solidly coupled vibrations that can enter the stylus and cause feedback, rumble and distortion.

Compact and 'plug and play' easy to use, the PH60 follows Hafler's 50 year tradition of building the very finest audio products for the most demanding high fidelity enthusiasts.

### Specifications:

|            |  |
|------------|--|
| Circuit:   | Active operational amplifier   |
| Inputs:    | RCA (left/right)   |
| Output:    | RCA (left/right)   |
| Impedance: | May be set by user via internal jumpers<br>25, 50, 100 $\Omega$ and custom |
| Gain:      | 70 dB  |
| Size:      | 4½" (w) x 6" (d) x 1¼" (h)<br>(114 x 152 x 44.5mm)                         |
| Power:     | 15V 400 mA external supply   |
| Warranty:  | 3 year transferable  |



*Hafler products are proudly designed and manufactured in North America.*

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