

Hafler®

PH44

Order#: H100-0044



"In my many years as an audio professional, I have always been impressed with Hafler. They have always produced a natural, open sound that pleases both the studio and audiophile user."

David Rideau

Engineer/Producer

Janet Jackson, Sting, TLC, George Duke, Jennifer Lopez

PH44

Phono SUT for 45 Ω moving coil cartridges



- **Passive SUT boosts the signal without adding noise**
- **Hand wired Jensen transformer for unmatched performance**
- **Ruler flat frequency response from 10 Hz to 100 kHz**
- **Produces 20 dB of gain for low impedance (45 Ω) styluses**

The Hafler PH44 is a passive device that employs an ultra high performance Jensen transformer to boost the low-level signal produced by a moving coil cartridge without any amplification or the associated noise that they produce. Jensen wrote the book on transformer technology and for over 40 years has gained the accolades of being the world's most respected and revered audio transformer manufacturer.

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, each Jensen transformer is double shielded with heat treated (annealed) nickel composite cans and supplemented with internal Faraday shielding to deliver over 120 dB of hum rejection at 60 Hz. These are hand wired to the connectors in a twisted pair configuration. With less than 0.05% distortion, virtually zero phase shift and a frequency response that spans from 10 Hz to over 100 kHz, you can rest assured that the signal transfer will be pure and uncolored.

Designed to boost the signal of low impedance (45 Ω) moving coil cartridges, the PH44 employs a Jensen JT-44K-DX transformer with a 1:10 turns-ratio that adds 20 dB of noise-free gain. This is ideally suited for Denon or similar cartridges that are often selected by the most demanding audiophiles. Since the Hafler PH44 is designed for the purist, there are no controls. One merely connects the turntable to the PH44, the output signal to a standard RIAA phono input on the receiver or preamp and the Hafler PH44 will quietly do the work without adding noise, distortion or artifact.

Specifications:

Circuit:	Passive transformer based design
Inputs:	Gold plated RCA
Output:	Gold plated RCA
Impedance:	Optimized for 45 Ω stylus
Gain:	20 dB
Size:	4½" (w) x 6" (d) x 1¾" (h) (114 x 152 x 44.5mm)
Power:	Not required
Warranty:	3 year transferable



Hafler products are proudly designed and manufactured in North America.

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