

Ovation High Fidelity Model 1547 MC/MM Phono EQ Preamplifier

Designed for dedicated vinyl enthusiasts who want the ultimate phono stage without the fuss and compromises of multi-box systems, the Model 1547 phono preamplifier provides unmatched performance and build quality at its price point.

Accepting either moving coil (MC) or moving magnet (MM) inputs, it boosts and equalizes your turntable cartridge (MC or MM) signal so that you can then feed it into the line input of your preamplifier or integrated amplifier.

Impeccably engineered to extract every musical nuance from your precious records, it features cutting edge analogue design techniques that result in one of most accurate phono EQ amplifiers on the market.

The Model 1547 provides a liquid, open sound, outstanding imaging and an ultra-low noise floor.



Engineered for Art™

Model 1547 MC/MM Phono EQ Preamplifier

- **Moving Coil and moving Magnet Inputs**
- **Rear Panel Switchable Gain and Loading options for both MC and MM**
- **> 80 dB Signal to Noise Ratio 'A' Weighted 20 Hz to 20 kHz**
- **RIAA Compliance 20 Hz to 20 kHz 0.2 dB typical; 0.3 dB Max**
- **Low 0.005% Distortion (500 mV output)**
- **Built in Rumble Filter**
- **All-In-One Housing Incorporates Mains Power Supply**
- **Aluminium/Stainless Steel Construction**
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The Model 1547 MC front-end utilizes an ultra-low noise single ended JFET amplifier stage to deliver better than 75 dB S/N ratio (ref 500uV input), while the MM input uses a very low noise integrated amplifier for superior performance, with signal to noise ratios of > 80 dB ('A' weighted). For a nominal 350mV output, our unique all-active EQ topology delivers best in class overload capability of > 32 dB (MM ref 3 mV input) and > 40 dB (MC re 250 micro-Volt input) that, unlike split or passive EQ approaches, is maintained over the entire audio band from 20 Hz right through to > 50 kHz. The result is a remarkably smooth, and quiet phono stage that deals gracefully with LP surface noise pops and crackles, unlike active/passive or all passive stages which compromise on overload, noise and overload recovery. RIAA EQ conformance is accurate to within +/-0.2 dB typical over the audio frequency range and ensures faithful reproduction of your records. Unlike many competing products, the Model 1547 power supply is built into the housing, reducing cabling and therefore minimizing hum and noise pick-up.

Switchable loading and gain, located on the unit's rear panel, caters for input signals from 250uV to 2mV on MC and 2mV through to 8mV on MM, while a built-in rumble filter sharply attenuates any sub-sonic noise, be that from an off-centre hole, record warp, or motor rumble (rare in modern turntables, but an eventuality we cater for in any event).

Beautifully and solidly built in an all-aluminium housing, the Model 1547 is the ultimate MC/MM front end and will provide years of musical enjoyment.

Designed, Engineered and Hand Assembled in Great Britain. 5 Year Warranty on Parts and Labour

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Specifications

Model 1547 MC/MM Phono EQ Preamplifier

General Description

A very high-performance MC/MM phono EQ featuring a single ended JFET input stage and all-active RIAA equalization for superior overload and noise performance. Switchable gain and loading options for both MC and MM are provided on the rear panel. The power supply is integrated into the housing for minimal installation wiring, and contributes to the outstanding hum and noise performance.

Inputs	Moving Coil or Moving Magnet - selected via pushbutton switch on rear of unit
Input sensitivity	For 350 ~ 500 mV output: MC - 250uV to 1.2mV - gain selected via DIP switch on rear of unit; MM 2.5 mV to 8 mV selectable via DIP switch on rear of unit
System Gain	MC Amplifier 11x or 21x; MM Amplifier 50x or 98x
RIAA Conformance	Typically to within <0.2 dB 100 Hz to 20 kHz; 0.3 dB max
Distortion	Better than 0.005% at 1 kHz ref 500mV output; Better than 0.007% 20 Hz to 20 kHz
Signal to Noise Ratio	Ref 500 mV output: MC > 75 dB; MM > 78dB; MC and MM > 82 dB 'A' weighted
Overload Margin	MC >: 40 dB ref 250uV input; MM > 30 dB ref 3mV input for 350mV output as measured at the output
Rumble Filter	-0 dB at 20 Hz; -16 dB at 2 Hz
Output	350 to 500mV nominal via RCA phono connector; output impedance 220 Ohms; recommended load is 10 k Ohms per channel or higher and 500 pF or less per channel (a 2-metre RCA interconnect is 200 pF per channel)
Operating voltages	100-130 VAC or 200 to 260 VAC factory set at time of order
Power consumption	5 VA Max; ~0.5W in standby mode (we recommend you do not power the unit down)
Dimensions	240 mm wide x 95 mm high x 190 mm deep
Weight	3.5 kgs unit only; 5 kgs when packed for shipment
Operating Temperature	-10 deg C to +45 deg C non-condensing
Warranty	5 years on parts and labour. Terms and conditions apply – kindly see our website for details.

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The Ovation High Fidelity Company designs, engineers and builds high fidelity audio products so that listeners can connect directly with the artistic performance and our Engineered for Art™ mission statement reflects that ethos.

We build our products to provide the ultimate in musical enjoyment and last a lifetime.

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