

## MUSICAL FIDELITY



# V90-LPS Phono Stage

## High Performance Phono

**The V90-LPS is a modestly priced, very high performance MM/MC phono stage with superb technical performance.**

In our opinion, there are five critical areas where a phono stage must achieve excellence:

1. RIAA correction
2. Correction above 20 kHz
3. Low distortion
4. Low noise
5. Good overload margin

The V90-LPS has extremely accurate RIAA correction and that extends up to 80 kHz and beyond. That may sound extreme, but there is a good deal of information above 20 kHz that needs correction. If it isn't corrected, it will show itself as ringing and overshoot.

The V90-LPS's distortion is very low. Noise ratio is extremely low and all but inaudible.

Overload margin is easily adequate for any current cartridge.

All in all, the V90-LPS accomplishes everything necessary for a phono stage.

There are many phono stages that are far more expensive and make extraordinary claims for their performance. In contrast, the modest V90-LPS just gets on with the job of doing everything you could reasonably expect from a phono stage.

If you want top notch performance, and don't care about the alleged conferred status of buying a high-priced product that offers no better performance than the V90-LPS, then we are of a like mind.

### V90-LPS In Brief

- Switchable MM / MC input
- Extremely accurate RIAA extending out to at least 60kHz
- Very low noise (virtually inaudible)
- Very low distortion
- Excellent overload margin
- Excellent channel separation
- Beautiful, considered build quality

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V90-LPS PHONO STAGE

## SPECIFICATION

### Performance

Input impedance: 47kOhm (MM), 100Ohm (MC)

Input sensitivity: 3.0mV (MM), 400 $\mu$ V (MC) - for 300mV out

Total harmonic distortion: 0.01% (MM/MC) - @ 1kHz, 300mV out

Frequency Response: +0, -0.1dB, 20Hz to 20 kHz

Signal / Noise ratio (A weighted): >80dB (MM), >70dB (MC)

Input overload margin: 15dB (MM), 22dB (MC)

RIAA response: +/- 0.25dB

### Inputs

MM: 1 pair RCA sockets

MC: 1 pair RCA sockets

### Outputs

1 pair RCA sockets

### General

Dimensions - WxHxD (mm): 170 x 47 x 102

Weight (unpacked / packed): 600g / 1.1 kg

### Supplied Accessories

1x 12v 500mA DC power supply