



## LW-42 Balanced Phono Preamplifier

From inception to execution, the LW-42 Balanced Phono Preamplifier has been designed with one goal in mind: to bring true listener engagement whilst challenging the existing phono preamplifier value status quo. To achieve this, thousands of hours have been put into its development, harvesting the benefits of advanced and innovative engineering alongside multiple sounding cycles on a number of state-of-the-art audio systems. Audio engineers know very well that there is no better way to transport and process delicate audio signals, such as those produced by a cartridge, in the electrically noisy domestic environment than a balanced interconnection and circuitry. The LW-42 utilizes a fully balanced circuit architecture throughout. This offers two extra advantages: reduced distortion and twice the overload margin compared to an equivalent unbalanced implementation.

Because it is simply technically impossible to design extreme versatility and configurability into a phono preamplifier without compromising sound quality, only those configuration settings that are truly needed have been incorporated in the LW-42. You will not find multiple inputs, multiple EQ de-emphasis curves or a remote control. Instead, the highest quality components, carefully selected for their sonic attributes in countless sounding tests, and an uncompromising circuit architecture have been employed.

Moving coil cartridges are inherently low impedance transducers, and as such require low input current noise from the preamplifier to achieve the lowest noise possible. Unfortunately, this is in conflict with the requirements of a moving magnet type cartridge, leading most phono preamplifier designs to compromise on this front. Not the LW-42, however, which was designed from the ground up to offer uncompromising electrical and sonic characteristics with the preferred moving coil type cartridge.

All these attributes go a long way towards assuring that there is little to touch the LW-42 Balanced Phono Preamplifier within its price range and well beyond that.





## Specifications

Input impedance	50/100/200/400/800 Ohms, user-selectable. Custom values available on request
Gain	56dB/62dB/68dB balanced output, 6dB less single-ended output, 1KHz, user-selectable
Output impedance	50 Ohms single-ended, 100 Ohms balanced
RIAA de-emphasis accuracy	+/-0.5 dB, 20Hz - 20KHz
Total Harmonic Distortio	<0.05%, 1KHz tone, 20KHz BW, 1Vrms
Maximum voltage output	20Vrms balanced, 10Vrms unbalanced @ 1KHz, 10K load
Power consumption	30W in operation, <0.5W stand-by
Dimensions (WxDxH)	437x350x75mm
Net weight	8Kg
Mains voltage	Europe: 220-240 V AC USA/Canada: 110-120 V AC