

balance reference phono



Loving music

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balance reference phono

Product description



Silver
Art. No. EL038/

Black
Art. No. EL038/B



The new **balance reference phono** was developed especially for the phono enthusiast, featuring completely independent phono inputs for connecting moving coil and moving magnet phono cartridges. It provides total freedom in selecting balanced (XLR) or single-ended (RCA) inputs and outputs with the total flexibility of adjusting the input impedance for most cartridges.

The sophisticated volume and input circuitry are accessible with the supplied remote control. The high-performance design provides 2 headphone connections. A dual-mono power supply housed in its own dedicated aluminium chassis assures the highest sound quality.

The balance reference phono is truly a world-class phono stage for analog aficionados.

Technical data:

Mode:	MM / MC switchable (at bottom) // Subsonic filter switchable @20Hz (-18dB / Oct) (at bottom) // Stereo / Mono switchable
Amplification:	+ 46dB (MM mode) + 66dB (MC mode)
Input load:	50kΩ / 50pF (MM mode and MC mode) +150pF, +270pF, +400pF (MM mode) 10kΩ, 5kΩ, 1000Ω, 500Ω, 100Ω, 50Ω (MC mode)
RIAA accuracy:	± 0.1dB @ 20Hz - 100kHz
THD:	< 0.001% (IEC A)
Signal to noise ratio:	- 89dB @ 5mV / MM mode (IEC A) - 79dB @ 500uV / MC mode(IEC A)
Headroom:	> + 21dB @ 1kHz
Max. output voltage:	> 12 V
RIAA:	75µs / 318µs / 3180µs, 2 passive filter
Channel separation:	> 95dB @ 1kHz (IEC A)
Output impedance:	150Ω (balanced XLR) 75Ω (unbalanced RCA)
Inputs:	unbalanced (RCA) balanced (XLR)
Outputs:	unbalanced (RCA) balanced (XLR) headphone output (2x Jack: 6.3mm)



Power consumption:	Max. consumption: 12 watts Standby mode: < 0.5 watts Off mode: 0.0 watts (by switching off at the rear of the machine)
Power supply:	2x ± 18V DC (external power supply 2x +/- 21V DC), 1.4m cable length
Total weight preamplifier:	Approx. 2.9kg
Total weight power supply:	Approx. 2.2kg
Dimensions preamplifier (W/D/H):	Approx. 240 x 145 x 78mm (158mm depth with RCA)
Dimensions preamplifier (W/D/H):	Approx. 9.45 x 5.71 x 3.07 inches (6.22 inches depth with RCA)
Dimensions power supply (W/D/H):	Approx. 240 x 145 x 78mm
Dimensions power supply (W/D/H):	Approx. 9.45 x 5.71 x 3.07 inches
Manufacturer's warranty:	3 years*

* Provided that the warranty card is correctly completed and returned to Clearaudio, or your product is registered online at <https://clearaudio.de/en/service/registration.php>, within 14 days of purchase.

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