

Clearaudio product information:

Version: 10 - 2013

Absolute Phono



The **Clearaudio** Absolute Phono is the world's first active headshell moving coil phonostage. A tiny circuit board installed in the headshell of the tonearm amplifies the highly sensitive moving coil cartridge signal at its source. As a result, the signal to noise ratio is improved by approximately ten decibels across the entire audio bandwidth.

The Absolute Phono is designed and constructed without compromise. The sophisticated power supply is located in a separate chassis to keep mains-borne interference to a minimum. Power to the headshell-mounted amplification stage is routed from the power supply via the main chassis.

No relays or coupling capacitors are used in the signal path as they would otherwise degrade the sound. In addition, hand-selected state-of-the-art non-magnetic silver **Clearaudio** Glimmer capacitors are used at key areas throughout the circuit where they further contribute to the exceptional sound quality.

The Absolute Phono features two pairs of outputs: both balanced feeding XLR connectors and unbalanced feeding RCA phono sockets. To avoid interfering with each other each of these outputs has its own dedicated output driver stage.

The Absolute Phono's standby power consumption follows the latest EU directive and is below 0.5 Watts.

For ease of use the Absolute Phono is equipped with a bright blue single multi-function switch for 'On', 'Off', 'Mute' and 'Standby' modes.

The Absolute Phono is suitable for all **Clearaudio** tonearms and will be installed by **Clearaudio** in our factory in Erlangen, Germany.

Contact:

Clearaudio electronic GmbH; Spardorfer Strasse 150; 91054 Erlangen – Germany
phone: +49 (0)9131 40300100; E-Mail: info@clearaudio.de; Web: www.clearaudio.de; www.analogshop.de

The circuitry of the Absolute Phono is designed to work perfectly with any moving coil cartridge from any manufacturer. This is ensured due to the selected current amplification control which eliminates the need to set the correct load resistance and load capacitance. The optimum operating condition is always set automatically.

Technical specifications:

Power supply:	Switching power supply Input: 50 – 60Hz / 100 - 240V / 150mA Output: 5.9V / 850mA
Standby power consumption:	0.5 W
Signal to noise ratio:	90 dB (A-weighted)
Channel separation:	90 dB
Gain (@ 1kHz):	50 dB
Maximum output voltage:	3.5 Vrms
THD:	<0.001 %
Output impedance (balanced XLR):	64 Ohm
Output impedance (unbalanced RCA):	32 Ohm
Equalisation:	RIAA standard, deviation less than 0.1 dB
Frequency response:	10 Hz – 100 kHz - 0,1 dB
Input:	clearaudio 9-pin connector
Outputs:	Unbalanced RCA phono Balanced XLR
Pin configuration; output XLR:	Pin 1 = GND (Shield) Pin 2 = Hot (+) Pin 3 = Cold (-)
Dimensions (H x W x D in mm):	Headshell amplifier: 3.2 x 9.5 x 20.6 mm Phonostage: 56 x 240 x 145 mm
Dimensions (H x W x D in inches):	Headshell amplifier: 0.13 x 0.37 x 0.81 inches Phonostage: 2.2 x 9.5 x 5.7 inches
Weight:	approximately 3.8 kg
Warranty:	5 years *

*Only if the warranty card is filled out correctly and sent back within 2 weeks to **clearaudio**

Clearaudio electronic is not responsible for typographical errors in descriptions. Technical specifications subject to change or improvement without prior notice. Availability as long as stock lasts.

Copies and imprints- also only in extracts – require written conformation through **clearaudio** electronic GmbH; Germany · clearaudio electronic GmbH 2013

Contact:

Clearaudio electronic GmbH; Spardorfer Strasse 150; 91054 Erlangen – Germany
phone: +49 (0)9131 40300100; E-Mail: info@clearaudio.de; Web: www.clearaudio.de; www.analogshop.de