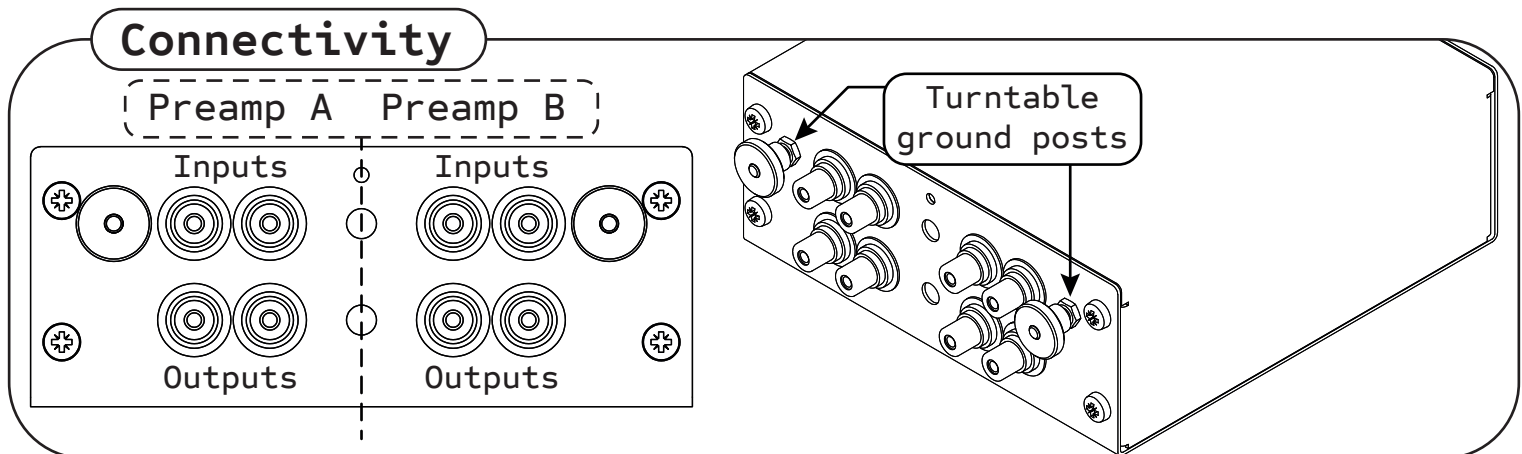


Penrose Dual Phono Preamp

User manual

Connectivity



Instructions

1. Connect each turntable into one of the input sections of the Preamp.
2. Optionally, connect each turntable ground wire to the ground posts.
3. Power on the Preamp and connect outputs to the mixer line inputs.

We highly recommend *low-inductance cartridges* such as Ortofon MKII Club and Elite. Avoid *high-inductance cartridges* such as Taruya, AT-XP7 and M44-7 for full spectrum response.

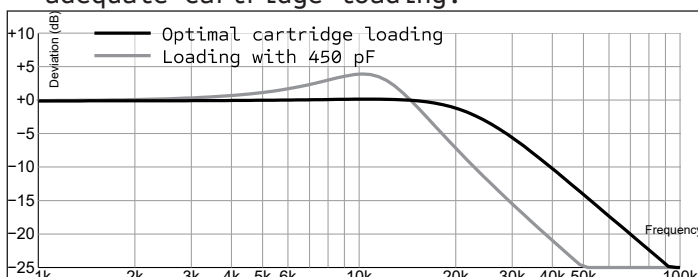
Specifications

RIAA frequency response	32 Hz to 20 kHz: ± 0.1 dB
THD at 2V RMS output	< 0.005 %
Channel balance	$< \pm 0.1$ dB
Gain	40 dB
Dimensions (L*W*H)	15 cm * 15 cm * 6 cm

Performance

Cartridge loading

The high-frequency resonance and roll-off found in other mixers is eliminated with adequate cartridge loading.



Description

The Penrose Dual Phono Preamp levels out the vinyl and digital sources in the DJ booth. It enables seamless mixing for DJs and removes the need for additional equalisation for sound engineers.

The Penrose Dual Phono Preamp embeds two stereo RIAA preamplifiers in a compact form factor. They offer a gain of 40 dB for Moving Magnet inputs.

The device achieves RIAA equalisation with extremely low error margins and channel disparities. The input stage impedance and capacitance can be configured to properly load the connected cartridge.

Performance

The Preamp eliminates ± 2 dB frequency deviations often found in DJ mixers.

RIAA equalisation

The Penrose Dual Phono Preamp achieves very accurate RIAA equalisation over the entire audio spectrum compared to other mixers often found in DJ booths.

