

BALANCED PHONO STAGE

ECP 2

TECHNICAL SPECIFICATIONS

All measurements are made at
120V / 240V / 50Hz / 60Hz

Phono section

- Gain @ 1 kHz RCA: Adjustable 39,8 – 71,4 dB
- Gain @ 1 kHz XLR: Adjustable 45,8 – 76,4 dB
- Resistance loading (RL):
Adjustable 10 Ω – 47 k Ω
- Capacitive loading (CL): Adjustable 0 – 350 pF
- Maximum output level: 17.5 V rms (+ 25 dB V)
- Overload margin: > 31 dB @ 1 kHz
- Output impedance:
100 Ω single-ended, 200 Ω balanced
- Frequency response: 20 – 20 kHz +/- 0.2 dB
- RIAA Correction Accuracy: \pm 0,1 dB
- Subsonic filter: -3dB @ 11 Hz, 24 dB/octave
- Channel separation: > 85 dB, 20 – 20 kHz
- THD + Noise: < 0.003 % @ 1 kHz
- S/N-R:
96 dB, 1 kHz, A-weighted, ref. 10 dB V output
- S/N-R:
91 dB, 1 kHz, A-weighted, ref. 5 mV input
- S/N-R:
67.4 dB, 1 kHz, A-weighted, ref. 500 μ V input
- Dimensions:
Width 465 mm – 14.6"
Depth 371 mm – 14.6"
Height 78 mm – 3"
- Weight 9 kg. / 19.8 lbs.



The new Electrocompaniet ECP 2 Phono Pre-amplifier is designed according to guidelines seen in the phono preamplifier from Dynamic Precision. It incorporates state-of-the-art instrumentation operational amplifiers and like other Electrocompaniet products, it uses the highest quality of discrete components through the whole signal path, all DC coupled of course.

The ECP 2 accommodates any imaginable pick-up and cable combination, thanks to its highly configurable input stage. User can select best suiting capacitive and resistive load configuration regarding to the pick-up cartridge used as source, no matter whether it is of an MM or MC type. Overall gain is also adjustable in 5 dB steps to accommodate different output levels from different pick-ups. The ECP 2 follows strictly the standard RIAA playback equalization curve, having also steep low frequency roll-off to filter out unwanted signals originating for example from playing back warped records.

