

S O F T A U D I O D E V I C E S



EQ RIAA

Soft Audio Devices
Via dei Lampugnani, 31 00164 Roma

EQ RIAA

This RIAA equalizer/preamplifier has been conceived to express the maximum musical quality.

We have followed the concept of maximum simplicity and minimum length signal path, using analog circuits only, without caps on the signal path. For this reason, it isn't provided with a remote control.

The power supply 50W toroid transformers - one per channel - are doubled (magnetic and electrostatic) screened to avoid any noise generation and induction. The power supply circuits - one per channel - embed inductive filters to eliminate harmonics frequency on the power line. All power supply caps are specified for audio application and altogether count up to 16.000 mF.

MM and MC adjustments are achieved by a internal Pcb dipswitch, as stated below.

The RIAA equalization net is passive, and uses only very high quality components.

A high current Litio rechargeable battery version with 10 hours autonomy is also available, in order to obtain the maximum power supply quality. This choice seems to clear music from a thin cover.

The device can drive very long lines as well as very low impedance loads.

Internal power lines and signal paths wirings are achieved by very high quality cables and using the minimum amount of connectors, all soldered using a tin/silver alloy, while PCB tracks are gold plated. Inputs and outputs are RF filtered.

As PREAMPLIONE, this device employs the exclusive Millennia class A amplification circuit, one of the best in the world.

Soft Audio Devices are designed to kill every mechanical vibration; that's why it is possible to replace rubber feet with steel cones, if you own a very stiff table.

Although the equalizer is ready to go in a few seconds, we advise you to wait 15 minutes to taste its best performances.

Options:

Coloured anodization for panels.

Front, upper and side panels in different kinds of solid wood.

Knobs in different kinds of solid wood.

LAB version (with adjustment controls on front panel).

BALANCED version.

Input Sowter or Lundhal transformers version.

Battery powered version.

TECHNICAL SPECIFICATIONS

EQ RIAA

Frequency response	20-20.000 Hz
Input impedance	See table A
Input capacitance	See table B
Gain	See table C
Output impedance	50 Ohm
Size	445 x 100 x 31,5 cm
Power supply	230V 50 Hz Fuse T 0,5A
Weight	15 Kg

TABLE A: Input impedance (Switch 1/5)

SW. POS./ R (OHM)	1	2	3	4
100	ON	---	---	---
200	---	ON	---	---
500	---	---	ON	---
1.000	---	---	---	ON
47.000	---	---	---	---

TABLE B: Input capacitance (Switch 2/6)

SW. POS./ C (PF)	1	2	3	4
100	---	---	---	---
150	ON	---	---	---
200	---	ON	---	---
300	---	---	ON	---
400	---	ON	ON	---
600	---	---	---	ON
800	---	---	ON	ON

TABLE C: Gain (Switch 3/4)

SW. POS./ GAIN (DB)	1	2	3	4
87	ON	---	---	---
77	---	ON	---	---
67	---	---	ON	---
58	---	---	---	ON