

Alchemy™ Series

The art of Alchemy, completely reinvented.

Designed ground-up by the ELAC team, the new Alchemy Series gives birth to a marriage of technologies, bringing further advances to a name known for delivering performance and build quality far exceeding its price. Every component incorporates relevant, well-thought-out features and topology that is important to critical listeners, like discrete implementation of power supply, preamplifier and signal processing to bring you best-in-class sound. With years of experience in award-winning analog and digital products, the Alchemy Series establishes a new standard for value in the world of high-end audio separates.



Alchemy PPA-2 Phono Preamplifier

Alchemy performs LP magic.

The Alchemy PPA-2 is a full-featured phono preamp that uses all-analog, discrete FET gain and EQ stages to transform microscopic grooves in vinyl into stunningly lifelike music. The PPA-2 can be tailored to specific cartridge requirements, with switchable gain for each channel, MC cartridge loading, and stereo or mono operation. A selection of RCA or XLR inputs and outputs adds even more flexibility to the most versatile phono preamp in its class.

Alchemy PPA-2 Phono Preamp



FEATURES

- Fully discrete, balanced FET topology from input to output
- DC servo-controlled output stage
- Switchable MM or MC gain for each channel
- MC loading continuously adjustable from 5 Ω to 999 Ω
- Precise MC cartridge loading settings for each input can be displayed on the LCD information screen
- Selectable Stereo or Mono operation
- Highly precise RIAA equalization using 0.1% metal film resistors and selected metalized polypropylene capacitors
- Selectable rumble filter
- All signal routing through hermetically sealed gold-on-gold relays
- Ultra-low-noise DC voltage regulators
- Microcontroller completely shuts down during normal operation to eliminate any clocking noises
- Internally shielded toroidal transformer and linear power supply for very low radiated hum field
- Provides an improved power source for the Miracord 70 and 90 turntable motor
- 12 V trigger input
- Liquid Crystal Display for clear user information

SPECIFICATIONS

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| Inputs | (2) RCA UNBALANCED or (1) RCA & (1) XLR BALANCED |
| Input impedance | 5-1KOhms variable or 47K |
| Frequency response | 10hz-20khz +/- 0.2dB |
| RIAA accuracy | +/- 0.2dB |
| Nominal THD+N | <0.005% |
| Signal-to-noise ratio (1 kHz) | >86dB |
| Output Voltage | >6.0V RMS |
| Crosstalk (L-to-R or R-to-L) | >80dB |
| Single ended Gain | 42dB (low) or 60dB (high) |
| Balanced Gain | 48dB (low) or 66dB (high) |
| Output impedance | 50 Ohms |
| Analog Outputs | (1) XLR BALANCED, (1) RCA UNBALANCED |
| Available finishes | Black |
| Dimensions (HxWxD) | 2" x 17.5" x 15" including jacks |
| Weight | 12 lbs |

