

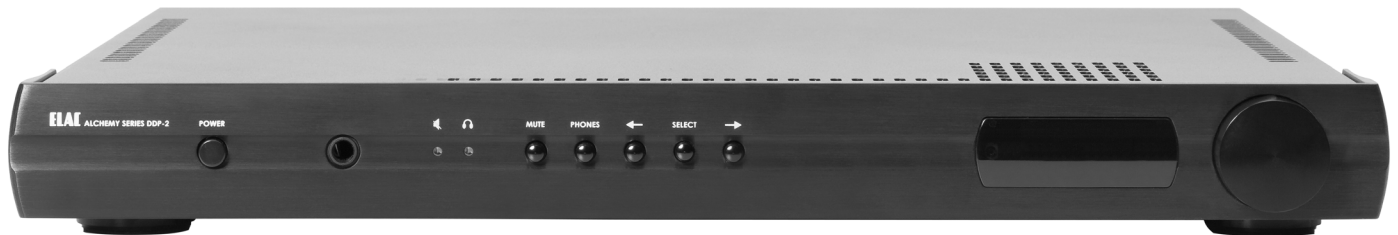
# ELAC

The life of sound.

## 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 DDP-2 DAC/Preamplifier/ Streamer

### Alchemy transforms your listening.

The Alchemy DDP-2 combines three components in one elegant piece of gear to give you the highest-quality digital-to-analog converter, preamp and digital streamer we know how to make. Then we combined it in a single chassis only 1U (1.75 inches) high. The preamplifier offers maximum flexibility, while incorporating DAC and streaming functions to make the DDP-2 the centerpiece of your digital system.

Alchemy DDP-2 DAC/Preamplifier/Streamer



- FEATURES**
- Dual 32 bit/384 kHz DAC operating in digitally balanced mode
  - Custom-selectable DSP filter profiles
  - Configurable up-sampling to 384 kHz
  - Selectable resolution enhancement upgrades 16 bit to 24 bit, and 24 bit to 32bit
  - DSD up to 4X
  - Ultra-low phase noise Phase-Locked Loop jitter filter
  - MQA capable
  - Discovery, Spotify Connect, Bluetooth, AirPlay, Roon endpoint
  - High-efficiency switching power supply for digital stages
  - Home theater bypass mode
  - Fully discrete FET, with DC servo-control
  - Ultra-low-noise DC voltage regulators
  - Digitally controlled analog volume control
  - Toroidal transformer and linear power supply for analog stages
  - Ethernet port for software updates, command and control
  - 12 V trigger with pass-through
  - IR control and learning
  - OLED Display for clear user information
  - iOS and Android app configuration

**SPECIFICATIONS**

Digital Inputs.....	USB, (2) COAXIAL, (2) OPTICAL, AES/EBU, (2) I2S (ALCHEMY & HDMI)
Streaming Inputs.....	ETHERNET, BLUETOOTH, WIFI
Supported Services.....	PCM, DSD, DoP, ROON endpoint, Spotify Connect, AirPlay option, MQA capable
Frequency response (digital).....	10hz-20khz +/- 0.2dB
Nominal THD+N (digital).....	<0.01%
Signal-to-noise ratio (1 kHz) (digital).....	>110dB
Sample Rates.....	44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384KHz
Output Voltage (digital).....	7.0V RMS @0dBfs
Analog Inputs.....	XLR BALANCED, (2) RCA UNBALANCED
Input impedance.....	RCA=18K, XLR=36K
Frequency response (analog).....	10hz-20khz +/- 0.2dB
Nominal THD+N (analog).....	<0.001%
Signal-to-noise ratio (1 kHz) (analog).....	>110dB
Output Voltage (analog).....	>10.0V RMS
Crosstalk (L-to-R or R-to-L).....	>110dB 10-1K, >80dB 1K-20K
Gain.....	12dB (input dependent)
Output impedance.....	50 Ohms
Analog Outputs.....	XLR BALANCED, (1) RCA UNBALANCED (fixed gain) (1) RCA UNBALANCED (variable)
Available finishes.....	Black
Dimensions (HxWxD).....	2" x 17.5" x 15" including jacks
Weight.....	14 lbs

