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LEEMA ACOUSTICS
FULLY BALANCED REFERENCE PRE-AMPLIFIER
HydraII
STANDBY
LEEMA ACOUSTICS

Altair IV
mono amplifier

Hydra II
amplifier

The reference standard Altair IV mono-block power amplifier was designed to establish a new audio benchmark regardless of cost. With the ability to produce peaks of over 3.5 kilowatts and 45 Amps, Altair IV will redefine the performance of any loudspeaker to which it is connected.

Far from being just a power-house, Altair IV is a technological tour-de-force, establishing hitherto unknown standards of detail, dynamic linearity and agility, leading to a staggeringly real musical performance.

The Leema Hydra II is an intelligent, bridgeable stereo amplifier incorporating many developments pioneered in the Leema reference mono-block, Altair IV. The Hydra II is notably more flexible than its predecessor. This technological chameleon is able to act in a multitude of roles, always creating a life-like sound stage while maintaining the presence, texture and timbre of the original performance.

Exceptional dynamic range, resolution of fine detail and remarkable clarity, allow the Hydra II to deliver music with captivating energy, even when driving the most demanding of modern audiophile loudspeakers.
This exceptional design uses two massive toroidal power transformers: one for each channel, together with a separate transformer for the control circuitry.
The highly refined output stage features a very low output impedance.
This, coupled with a high current capability, ensures vice-like grip and precise control of the loudspeakers, even at very high levels.

specifications

Power output into 8 Ω	550 W RMS
Power output into 4 Ω	1,000 W RMS
Power output into 2 Ω	1,800 W RMS
Distortion @ 200 W into 4 Ω	0.004%
Noise (A weighted, min volume)	-96 dBm
Signal-to-noise ratio	135 dB
Peak output current	+/- 45 A into 2 Ω
Damping factor	250
Size (h)x(w)x(d) in mm	390 x 440 x 335
Weight	45 kg

Frequency Response +/- 3 dB	5 Hz - 80 kHz
Output Power into 8 Ω (stereo)	148 W RMS per channel
Output Power into 2 Ω (stereo)	340 W RMS per channel
Output Power into 4 Ω (mono)	785 W RMS
Min load impedance (stereo)	2 Ω
Min load impedance (mono)	4 Ω
Noise (A weighted, min volume)	-100 dBm
Sensitivity for maximum output	311 mV RMS
Output impedance	0.04 Ω
Damping factor (8 Ω)	200
Size (h)x(w)x(d) in mm	110 x 440 x 320
Weight	18 kg