

Elektra Theatre HD2



Blue Ray is the standard for home theatre today. What this means for audio reproduction is that new higher performance audio formats are available that exceed the CD 16bit/44.1kHz standard, LPCM (Lossless), Dolby Digital, Dolby Digital plus, Dolby TrueHD, DTS Digital Surround and DTS_HD Master Audio. New demands have been placed on the audio electronics chain to reproduce high resolution audio currently available on Blue Ray.

The Elektra Theatre HD completes the audio system chain, for a full HD Audio visual experience. Our product is currently the only true High Definition multi-channel amplifier which has been specifically designed to deliver all the audio engineering that has been included as part of your movie and surround sound home theatre system. This means you hear all the movie sound tracks as the studio mastering engineers intend; clearly and without distortion.

Designed for the ultimate music and movie surround sound experience, the Elektra HD 7-channel power amplifier delivers power and detail, and is rated at 190 watts per channel into 8 ohms. The Elektra Theatre HD2 achieves extremely low distortion across the entire audio band 20 to 20Khz.

The Elektra Theatre HD is a hand built amplifier crafted from custom components and specially selected, highly reliable, audio grade components which are matched in the final construction.

Unique construction techniques and new circuit designs in the input and output stage consist of two modules, which are separated to isolate nonlinear magnetic fields from the output stage interfering with input stage. Physically separating the input and output stage is a feature that enables the Elektra HD amplifier to eliminate induced noise and interference caused by magnetic and electric fields, achieving ultralow distortion and high definition audio performance that is perceivable and measurable by an order of magnitude.

The power supply features a high current potted low noise toroidal power transformer along with high power (80WVDC) filter capacitors with a total 40,000 μ F capacitance.

Our unique current feedback discrete power amp output stages that are identical for all channels, the Elektra HD is equipped with multiple high current discrete power transistors that feature high slew rate and wide operating bandwidth to extract the most detail from today's high resolution audio formats.

The output devices are mounted directly on our unique cast aluminium alloy heat sink assembly. The massive heat sinks feature multiple ribbed fins that provide a large passive cooling area, eliminating fan noise.

For maximum connectivity, the Elektra HD features both unbalanced (RCA) and balanced (XLR) inputs, and each amp channel can be configured to use your choice of input connector. The loudspeaker terminals feature audiophile-grade construction, and are gold-plated for maximum signal transfer, and they can easily handle a wide range of audiophile speaker cable connectors.

The Elektra HD features a DC trigger input for external power on/off control.

The Elektra HD case is solidly constructed, integrating the heat sinks as part of the structural assembly. This makes our housing mechanically rigid and provides isolation from extraneous noise, all elegantly finished in textured anodized matt black.

Our craftsmanship, innovative design and construction together with our reputable sales and support mean that you will be very happy with your purchase demonstrated by an unforgettable home entertainment experience.

SPECIFICATIONS

Elektra Theatre HD2 Technical Data	
Power per Channel (Watts RMS)	
7 Channel at 8 ohms	190
7Channel at 6 ohms	225
Dynamic Power (Watts RMS)	
8 Ohms	200
4 Ohms	400
Total Harmonic Distortion	THD @1Khz < 0.0001% THD <0.001% 20-20Khz
Frequency Response	3Hz - 250 kHz. +0,-3 dB
PSSR	85dB
Input types and impedance	Balanced 47k Ω +47KΩ RCA 47kΩ
Single Potted Silent Power Transformer	Yes
Discrete Power Amplifier Circuitry	Yes
Banana Plug Compatible Speaker Connectors	Yes
12V Trigger	Yes
Height	160 mm
Width:	445 mm
Depth:	370 mm
Weight	25 kg

Note: Specifications subject to change without notification.

