



LINN

KEY FEATURES INCLUDE

- Linn Chakra technology for responsive, powerful and efficient performance
- Powered by Linn Dynamik Switch Mode Power Supply (SMPS)
- Output power 200 W per channel (into 4 Ω)
- Electrical and mechanical isolation between power and audio boards
- Balanced (XLR) and unbalanced (RCA) inputs
- Energy saving automatic signal-sensing circuitry
- Precision-engineered enclosure machined from a single billet of aluminium

Klimax Twin, Linn's reference stereo power amplifier, incorporates Chakra, a patented high-efficiency ultra-linear power amplifier technology which ensures superior levels of responsiveness, efficiency and reliability whilst producing less heat and lower distortion than traditional designs.

Linn Dynamik Switch Mode Power Supply (SMPS) technology generates stable low-noise power rails for the audio circuitry, with higher mains noise isolation and efficiency than noisy, bulky conventional power supplies.

Cool-running and virtually silent during normal use, Klimax Twin power amplifiers can be combined to improve performance through multi-amping and upgraded all the way to fully Aktiv configuration using matching Klimax Aktiv Crossovers, with a dedicated amplification channel powering each individual loudspeaker drive unit.

Automatic signal-sensing technology detects the presence of an audio signal and minimises power consumption by reverting to sleep mode when inactive, while fault detection and protection mechanisms help safeguard your system against short circuit or excessive load damage.

Klimax Twin is housed in a satin-anodised enclosure machined from a single billet of high-grade aluminium and polished to a velvet-touch finish. Separate solid aluminium 'rooms' within the chassis screen and protect the electronics and form a heat exchanger that dissipates the power from the amplifier circuitry.

Offering unsurpassed stereo performance from a single compact power amplifier, Klimax Twin represents the art of audio perfection.

- 1 Klimax Twin (silver)
- 2 Klimax Twin (black)
- 3 Klimax Twin back panel (black)
- 4 Klimax Twin front panel (black)

KLIMAX CHAKRA 500 TWIN

OVERVIEW

Reference stereo power amplifier



KLIMAX CHAKRA 500 TWIN

TECHNICAL SPECIFICATIONS

Reference stereo power amplifier

- Date of introduction May 2011 (original model released 2001)
- Type Reference stereo power amplifier
- Dimensions (H) 60 mm x (W) 350 mm x (D) 355 mm
(H) 2.3 inches x (W) 15 inches x (D) 14.2 inches
- Weight 9 kg / 19.8 lb
- Mains supply voltage 100 – 120 V ac ($\pm 10\%$) 50 – 60 Hz
(auto ranging) 200 – 240 V ac ($\pm 10\%$) 50 – 60 Hz
- Fuse 250 V, T6.3 A (not user replaceable)
- Power consumption
 - sleep 13 W
 - active 30 W (typical)
- Output power 200 W into 4 Ω per channel
100 W into 8 Ω per channel
- Maximum input power 1000 W
- Signal sensing threshold > 100 μ V
- Load tolerance Unconditionally stable into all loudspeaker loads
- Peak output voltage 40 V
- Finishes Silver, Black
- Accessories V-clip bracket for wall-mounting

Back Panel Connectors

- Input
 - Unbalanced (switch position in) 2 x RCA phono (WBT)
 - Balanced (switch position out) Balanced XLR
- Output
 - Standard Neutrik Speakon 4-pole connector
 - Optional Binding posts

Input Electrical

- RCA outputs
 - Input impedance 7k8 Ω
 - Gain 28.6 dB
 - Clipping level 1.05 Vrms
- XLR outputs
 - Input impedance 7k8 Ω
 - Gain 22.6 dB
 - Clipping level 2.1 Vrms

Audio Performance

- THD+N < 0.01 %
- Frequency Response 5.3 Hz - 37 kHz

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