

# LINN

## KEY FEATURES INCLUDE

- CHAKRA\* high-efficiency, ultra-linear audio circuitry
- Noiseless 4-G power supply
- Matching Aktiv crossover system available
- Cool running, sleek case machined from solid aluminium that isolates and screens circuitry
- Automatic standby function with signal sensing circuitry
- Mains supply that operates from 90 Vac to 253 Vac
- Neutrik Speakon four contact speaker sockets or 4 mm socket outputs
- Single-ended and balanced inputs, selected by switch on the back panel

The KLIMAX CHAKRA 500 Twin is an exceptional stereo power amplifier which features Linn's new CHAKRA\* audio circuitry and combines outstanding performance with stunning looks. Designed for use as a stand-alone stereo power amplifier or in multi-amplifier and multi-channel high quality entertainment systems, the KLIMAX CHAKRA 500 Twin delivers consistent performance, controlled power and pure sound and is simply the finest stereo power amplifier Linn has ever made.

The KLIMAX Twin features Linn's latest CHAKRA\* audio circuitry, a proprietary new high-efficiency topology which delivers precisely controlled power at all listening levels. Offering signal pitch-accuracy, ultra-linear power delivery, efficiency and reliability, the circuitry deploys up to 100 W into 8 ohms and 200 W into 4 ohms of clean, silent power. All of this performance in a cool-running LP sleeve sized product, less than 5 cm thick that weighing less than 10 kilos.

The machined-from-solid clamshell construction of the KLIMAX CHAKRA 500 Twin casework is a beautiful and unique design that allows a variety of installation options for music and cinema applications. The compact case housing the KLIMAX CHAKRA 500 Twin protects, screens and stabilises the internal electronics and forms a heat exchanger that dissipates the power from the amplifier circuitry. A central cooling channel and low-noise fan assist cooling during operation.

Inside the KLIMAX CHAKRA 500 Twin, two electrically and mechanically isolated circuit boards - the unique Linn 'Silent Power' Switch Mode Power Supply and the twin-channel CHAKRA\* audio circuitry - provide unsurpassed twin channel performance from a single compact audio component.

## KLIMAX CHAKRA 500 TWIN

### OVERVIEW

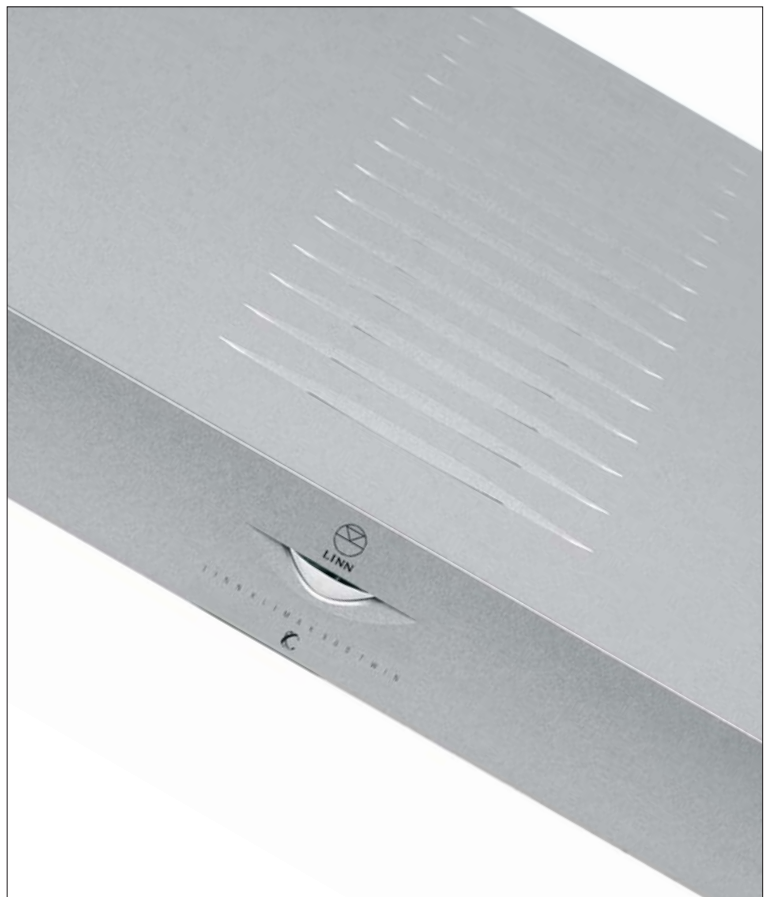
Reference quality stereo power amplifier



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# KLIMAX CHAKRA 500 TWIN

## TECHNICAL SPECIFICATION

Reference quality stereo power amplifier

Introduced	2004
Type	Reference quality stereo power amplifier
Input connectors	Unbalanced (switch position in): WBT Phono sockets Balanced (switch position out): XLR socket
Pin connections	Phono - inner hot, outer cold XLR - Pin 1: OV, Pin 2: Hot, Pin 3: Cold
Input impedance	Unbalanced: 7k8 $\Omega$ Balanced: 7k8 $\Omega$
Gain	Unbalanced: 28.6 dB Balanced: 22.6 dB
Input level for clipping	Unbalanced: 1.05 Vrms Balanced: 2.1 Vrms
Signal sensing threshold	> 100 $\mu$ V
Output connectors	Standard: Neutrik Speakon 4-pole connector Optional: Binding posts
Output power	200 W into 4 $\Omega$ per channel 100 W into 8 $\Omega$ per channel
Load tolerance	Unconditionally stable into all loudspeakers loads
Harmonic distortion	< 0.01 %
Frequency response	5.3 Hz - 37 kHz
Peak output voltage	40 V
Fuse rating	250 V, T6.3 A
Mains input range	90 Vac - 253 Vac @ 50 - 60 Hz
Maximum input power	1000 W
Typical operating input power	30 W
Standby power	< 13 W
Dimensions	W 350 mm x D 355 mm x H 60 mm W 13.8 inches x D 13.9 inches x H 2.3 inches
Weight	9 kg / 19.8 lbs

The above information is subject to change without prior notice.

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