

Channel Islands Audio D•500 MKII

Monoblock Power Amplifier



Musical, Powerful, & Energy Efficient

Over 2 years of development have gone into the MKII Amplifier Project to produce the best Class D audio amplifiers available.

Powerful and energy efficient, the D•500 MKII produces over 500 watts into 8 ohms and will drive your loudspeakers with authority, musicality and control.

Chassis Design

The monaural design is housed in a beautiful new machined aluminum chassis with heavy steel frame plate to support the massive power transformer. Non-magnetic stainless steel hardware and highest quality parts are used throughout. Adjustable 5-way binding posts are used for loudspeaker connection and can be configured for horizontal or vertical cable entry.

Power Management

Our SmoothStart™ and XDC•2 circuits control AC power, while our DC board supplies the various output voltages required by the audio circuit. Signal input is handled by panel-mounted jacks for both single-ended RCA and balanced XLR connections. Turn-on is accomplished by the front-panel mute/play button, or remote 12v trigger (when used with PLC•1 MKII or other makes with this function).

Audio Circuit

The audio circuit consists of an advanced full bridge UcD design for life-like music reproduction and offers unsurpassed performance, reliability, and efficiency. Due to the large heat-sink area and high efficiency, D•500 remains cool to the touch even at continuous high output levels. Protection from over-voltage and short-circuit conditions are provided.



D•500 MKII can be ordered in various configurations. No-cost options are as follows:

AC Input Voltages

100V AC/50~60Hz
115-120V AC/50~60Hz
230-240V AC/50~60Hz

Signal Input Options

32 dB gain (for use with active preamplifiers) or
38 dB gain (for use with PLC, VPC or similar passive preamplifiers)

Specifications

Power Output:	500 watts @ 8Ω / 800 watts @ 4Ω
Bandwidth:	50kHz
Frequency Response:	10Hz - 20kHz, +0dB/-0.5dB
Damping Factor:	>1000
Input Impedance:	100kΩ
Gain:	32db (for use with active preamplifiers) or 38db (for use with PLC, VPC or similar passive preamplifiers)
Power Consumption:	standby(mute) < 10 watts, idle(on) < 15 watts, @500watts/8Ω < 550 watts
Dimensions:	8.5"w x 4.0"h x 13.5"d
Weight:	28 lbs (each)
Warranty:	5 Years Parts & Labor