

Preference®

P-500Xb

500W (Bridged) Class-D Stereo Amplifier



Features:

- This high current amplifier delivers power and clarity in an efficient low-profile design with extraordinary flexibility. Designed by an international engineering team, the P-500Xb had just two goals in mind:
 - Support the highest levels of music reproduction performance
 - Create an outstanding amplifier with flexibility and power for building better-sounding systems
- The P-500Xb easily bridges two channels of amplification into a single, high-power channel, while the Performance-Calibrated Control Panel lets you dial-in the performance of your subwoofer(s), with precision:
 1. Subwoofer Input optimizes high / low frequency levels
 2. 30 Hz Boost for max low frequency output
 3. 10-50Hz Subsonic Filter controls bass extension
 4. 0-180 Phase Control precisely blends sub(s) with speakers
 5. 0 to -9dB Power Limiter prevents overpowering your subs
 6. 40-160Hz Xover (Low-Pass Filter) blends sub(s) and main speakers
- The P-500Xb has additional system management controls for even better performance:
 - 3 on/off modes: manual, voltage or signal
 - Separate Full-Range and Sub Inputs to isolate signals for maximum signal integrity
 - Less than 0.5W Standby Current Draw
 - LFE Switch to bypass the low pass filter
 - Switchable 115V or 230V operation
- The design team that created the P-500Xb are confident this sleek, 1 U high powerhouse will provide the power and musicality to bring your system to life, and the control flexibility to get the best performance from your speakers and room.

Dimensions:

- 17.75" W x 2.2" H x 14.6" D
(450W x 55H x 370D)mm

EFFICIENT CLASS D DESIGN

Powerful, Yet Runs Cool

Preference®

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Rear Controls

Specifications

Frequency Response: 4Hz – 30kHz

Crossover Frequency Variable: 40Hz – 160Hz (+ LFE mode)

Variable Bass EQ: 0 to 9dB boost @ 30Hz

Subsonic Filter: 10–50Hz

Phase Adjustment: 0 – 180 degrees (continuously variable)

Limiter: 0 to -9dB variable

Output Power: Stereo: 2X 90W @ 8 ohms, 2X 150W @ 4 ohms

Bridged: 1X 300W @ 8 ohms / PEAK 440W, 1X 500W @ 4 ohms / PEAK 700W

Performance-Calibrated Control Panel: Subwoofer Input, Low Frequency Boost, Subsonic Filter, Phase Control, Power Range & Crossover Frequency

Distortion (at 1/10 rated output power): <0.05%

AC Power Modes: Auto-Power (audio sense), 12V Trigger & Manual

Standby Power Switch with LED ring

5-way binding posts

Weight: 10.4lbs (4.7kg)

Shipping Dimensions: 21.5" W x 4.9" H x 17.1" D, (545W x 125H x 435D)mm

Shipping Weight: 13.3lbs (6kg)



Removable Rack Ears



The international team of home theater and custom installation experts that created the P-500Xb are confident this sleek, 1 U high amplifier will provide you with extraordinary power and clarity to bring your speakers to life, and the control flexibility to get the best performance out of your speakers and your room.



Rev. A

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