

Paradigm®
X-500 V2
Multi-Purpose Amplifier

Specifications Sheet



A jack of all trades amp in an exceptionally slim form factor

The All-New Two-Channel Paradigm X-500 V2 amplifier is the perfect complement to our Home, Pro and Elite in-wall and in-ceiling speakers, the Defiance and Seismic Custom Subwoofers and our Stylus, Rock and Garden Oasis outdoor solutions. Configurable as either a two-channel Stereo, dual Mono, or as a bridged single-channel Mono amplifier, the X-500 V2's slim form-factor, flexible inputs and selectable DSP presents make installation and setup a breeze.

The Paradigm X-500 V2 is truly the jack of all trades. When bridged, it offers up to 500-Watts of power on demand. Similarly, when used in its two-channel configuration, it outputs up to 130W (8Ω) or 250W (4Ω), making it the ideal solution for your custom installation needs. In addition, the selectable DSP presets can unlock the true potential of all our Defiance and Seismic Custom Subwoofers and outdoor products by ensuring optimal performance and operation conditions. Use it to power a pair of subwoofers in the home theatre or drive a couple of outdoor speakers in the backyard—the perfect balance of flexibility and performance, only from Paradigm.

OTHER FEATURES

Planning on using multiple Paradigm X-500 V2's? The included connector bracket mounts two units side by side in the same rack space. With a form factor of 1U high and a half-rack width, X-500 V2 allows for four high power channels in a single rack space.

Dynamic Fan-Cooling engages with zero intervention ensuring long-term performance reliability with minimal noise under the most demanding playback conditions.

Custom DSP Presets enable different system configurations, multiple subs, and low pass filter options to help support the needs of your installation.

Supports:



Custom In-Wall



Custom In-Ceiling



Custom Outdoor



Custom Subwoofer



Powerful Pairings

Using multiple subwoofers provides more even bass coverage across the room so that every seat receives smoother and more consistent bass; this ensures there are no “bad seats.” Another benefit of raising the potential maximum output level is it adds plenty of “room to spare” in the system to allow for those dynamic movie explosions or dramatic musical passages.



Keeping Cool Under Pressure

What’s performance without long-term reliability? X-500 V2 features a robust, quiet, dynamic cooling system to keep things operating smoothly under extreme playback conditions. The dynamic cooling system will engage with zero intervention required to keep components cool under load. Simply put, it provides maximum reliability with minimal noise.

TECHNICAL SPECIFICATIONS

	X-500 V2
DESIGN	Ultra-Class-D™ multi-purpose two-channel power amplifier
AMPLIFIER	Up to 500 Watts (when Bridged)
STANDBY POWER	<0.5 Watts
CONTINUOUS WATTS x CHANNEL @ OHMS	130W x 2 @ 8ohms, 250W x 2 @ 4ohms, 500w x 1 @ 8ohms
BACK PANEL CONTROLS	Main Power Switch (On/Off), Volume Control (Min/Max), Preset Profile Selection (Dip Switches Position 2-6) (32 Presets), Coax or Optical Selection (Dip Switch Position 1)
FAN COOLED	Yes
BRIDGEABLE	Yes
THD	< 0.05%
AMPLIFIER FREQUENCY RANGE	20Hz-20kHz +1/-3dB
INPUTS	Stereo RCA, Sub RCA, 12V Trigger, Digital Optical, Digital Coax, USB C (Firmware Updates)
OUTPUT	12V Trigger Passthrough
INCLUDED ACCESSORIES	Quick Start Guide, Power Cord, Rack Mount Ears, Connector Bracket, Hardware Pack
DIMENSIONS (h x w x d)	1.97" x 8.5" x 12.2" (5cm x 21.6cm x 31cm)
WEIGHT	6 lb (2.72 kg)

Input Flexibility

Featuring inputs like Stereo RCA and selectable Digital Coax or Digital Optical, X-500 V2 has plenty of flexibility to connect to your favourite source. In addition, the dedicated Subwoofer (LFE) Input powers custom subwoofers by connecting directly to the “subwoofer output” of your AVR or AV Processor. Alternatively, the Stereo RCA input is an option if a low pass filter is required.

Toolless Speaker Connection

Typical euroblock connectors require a screwdriver to secure the wiring in place. Instead, X-500 V2 ships with a toolless Phoenix™ connector that accommodates up to 12ga wiring. This connector uses tension levers to securely hold the speaker wire in a matter of seconds, and without the need for any tools, making installation more efficient than ever before.

