

cerasonar cs-500dsp4 v2 (1206)

Amplifier power output	4x 125w @ 4/8 ohms 2x 250 W @ 8 ohms (bridged) 2x 250w @ 70/100V
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DSP	28-/56-BIT, 50 MIPS High pass filter 8x DSP filters per channel 4x4 Input matrix Preset selectable for each amp channel Power limiter Delay Dynamic bass boost Polarity switch
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Network	10/100M LAN
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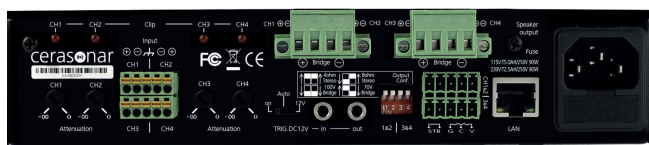
Input voltage	115 V or 230 V (automatically)
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Total dimensions	215 x 44 x 240 mm
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Weight	2 kg
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Delivery content	Power cable Input adapter Phoenix to Cinch Adapter for 19" rack mounting (1x amps in 1U) Adapter for 19" rack mounting (2x amps in 1U)
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Scan the QR code with your
telephone to show
the installation of the
cerasonar cs-500dsp4 rack ears



Most space saving amp - up to 8 powerful channels in 1U

The audio signal can now be routed via the audio paththrough (daisy chain). This means that several amplifiers can be conveniently controlled via only one audio source. Presets can now be selected individually for each amp channel, making it very easy to connect different speakers or subwoofers to one amp. Thanks to a more powerful DSP processor, 8 PEQ filters are now available per amplifier channel. Furthermore, a delay filter can be used to correct the delay time of the speakers or subwoofers. The polarity switch is can be used in case of an installation error, therefore the polarity can be easily adjusted and corrected via software. Finally, the dynamic bass boost should be mentioned. When activated, the bass is boosted at low to medium volumes, creating a fuller sound experience.

In order to serve you with the smartest sound experience possible, we developed the cerasonar cs-500dsp4 v2 DSP amplifier that comes with predefined presets for each cerasonar speaker and subwoofer. The use of an extra cerasonar protection unit is not required. This amplifier is your game-changer in high-demanding multi-room projects that request the finest sound quality possible.

A digital power supply provides a stable voltage supply and four autonomous amplifier chips from International Rectifier ensure flawlessly as well as distortion-free amplification, even at maximum load. Even at high temperatures, the cs-500dsp4 works reliably due to a built-in fan with intelligent temperature-dependent fan speed. In normal operation, the fan remains switched off, which means that no disturbing fan noise is caused and it can also be used as a stand-alone device.

cerasonar amp

4 channel network dsp amp

The four power amplifiers deliver 125 watts per channel into 4 or 8 ohms and can be bridged to 250 watts into 8 ohms if required. In bridge mode, the 70V / 100V mode is also supported. For an easier installation, we offer additional audio transformers for our speakers and subwoofers.

Due to its compact dimensions, the amplifier requires little space in the server cabinet. Depending on requirements, one or two amplifiers fit next to each other in 1U, the adapter plates are of course included in the delivery.

The cs-500dsp4 v2 can be easily and quickly connected to the most common Smart Home systems. This makes it the ideal partner for multi-room audio projects that can be controlled by the system pioneer control4, for example.

As professional installations 100v systems are a popular choice, the cs-500dsp4 provides you with 100v (or 70v) mode as well.

With the additional 100v transformers for our speakers, you only need to route one cable and connect all the speakers in series. This saves you a lot of cabling and amp channels.

