
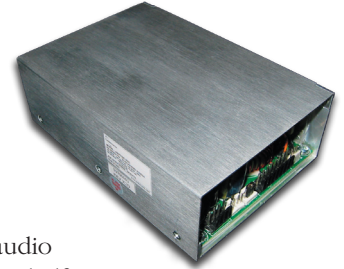


D2AUDIO® CX350/CXT350

Designed for manufacturers of Consumer Products which use Digital Audio Amplifiers

The first "audio-grade" switch mode power supplies designed specifically for stereo or multichannel digital audio amplifier products

- Up to 350 Watts continuous power*
- +50V line offers a peak output power of 1000W**
- Three output voltages for seamless integration with the X-Series D2Audio modules (+50V, +12V, +5)
- Optimized design handles the demands of high dynamic range digital audio products
- Design closely emulates the characteristics of traditional linear power supplies allowing for increased dynamic headroom in the audio reproduction of any digital audio amplifier (compared to an off-the-shelf 350W continuous power switch mode power supply)
- Works intelligently in conjunction with the D2Audio X-Series digital audio amplifier to provide system-level performance and efficiencies that cannot be achieved with other solutions.
- Smaller, lighter, cooler, more efficient, and lower cost than traditional audio amplifier designs which use an "off-the-shelf" switch mode power supply
- Up to 5x lighter than traditional linear power supplies
- Up to 4x lower cost than any switch mode power supply capable of delivering the same level of instantaneous power
- Co-developed with one of the world's leading SMPS manufacturer 



Why pay for a 1,000 Watt continuous power supply, when you only need that power <10% of the time?

Peak power requirements of digital audio can be three to four times that of continuous power requirements, however these peak power requirements are typically very brief in nature. During playback of even the most sonically intense DVD-Video, DVD-Audio, SACD or CD, the CX350 and CXT350 will be able to deliver the power your amplifier demands.

Putting your supply to the test

The D2Audio CX350 and CXT350 is capable of not only delivering dynamic power on demand for your digital audio amplifier, but has the capability to efficiently deliver a continuous power output of 350W for crucial tests such as EIA/CEA-490-A or FTC where the products channels are continuously driven into full power for a gruelling 5 minutes. The CX350 and CXT350 both have what it takes to easily enable a 150W multichannel amplifier design to pass the FTC, Alternative C (2 Associated Channels Driven at full power into 8 ohm load) test. Furthermore, the CXT350 has even passed the gruelling THX® Ultra2 Integrated Amplifier test in coordination with the XRT125-7 and is ideal for THX Ultra2 or THX Select™ Integrated Amplifier products!

Keeping it under the lid

Both the CX350 and CXT350's unique EMI shielding, you can relax knowing that you stand a much better chance of your product flying through radiated emissions testing, such as FCC Class B.

Accelerates manufacturer design time and agency certification

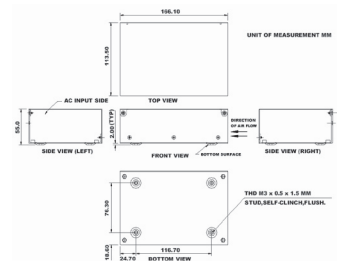
Complete switch mode power supply designed for easy integration with the D2Audio X-Series digital audio amplifier. Designed for compliance with FCC, UL, CSA, CE requirements.

Ensure your amplifier won't clip, cut out, distort, or fault under extreme conditions

Giving your digital audio amplifier the power that it needs, when it needs it, will ensure the best audio reproduction possible from your product.

Very little heat is generated enabling smaller, lighter, more powerful digital audio products

86% efficient. 6.8 x 4.7 x 2.5 inches (Integrated Heat Sink Package) 4.4 lbs.



Note: *350W is a total combined continuous power output from all three voltage lines (+5V, +12V, +50V). **1,000W peak output power capability from CX350 requires that bulk capacitance be added after the SMPS. D2A and D2Audio are registered trademarks of D2Audio Corporation. THX is a registered trademark while Ultra2 is a trademark of THX Ltd. Specifications listed in this document are subject to change without notice.

D2-PS-CX350-160