

SKU Number: XN56K-AMP-0000-5963

Description

The Atomik Audio XN 5.6K is a high-output, four-channel amplifier built for professionals who demand consistent performance in permanent installations or for mobile solutions.

With advanced Class-H topology, the XN 5.6K delivers clean, efficient power with reduced thermal load, ensuring long-term stability even in the most demanding environments. Its conventional power supply reinforces reliability and serviceability, providing the operational confidence needed for pro-audio systems.

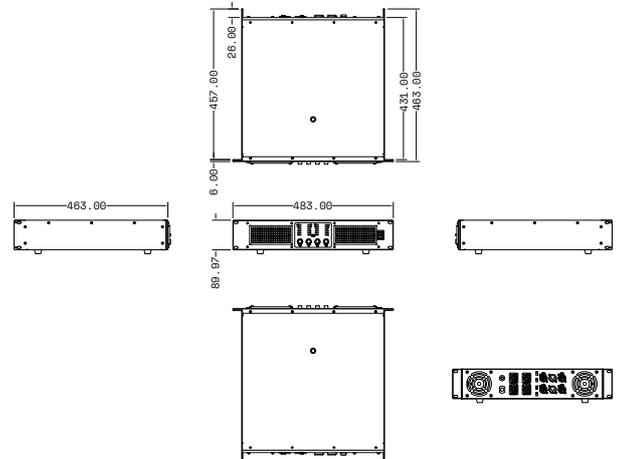
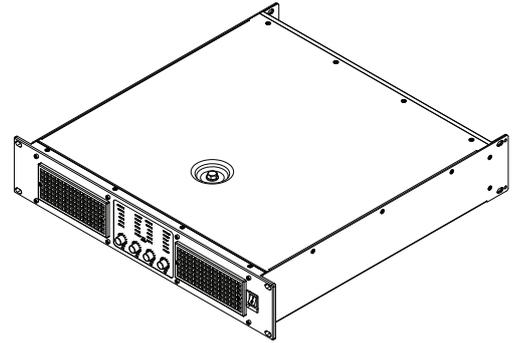
Housed in a compact 2U chassis, the XN 5.6K delivers precise, high-fidelity audio across all four channels. From stage to install, it's engineered to power your system with clarity, headroom, and control, every time.

Features

- High wattage in a compact 2U rack unit.
- Quad channel.
- Class H topology.
- DC protection.
- Short circuit protection.
- High temperature protection.
- Output overload protection.
- Dented gain controls.
- Ground lift switch.
- Removable dust filters on the front panel.

Technical specifications

▪ 8Ω per channel	: 4 x 800W
▪ 4Ω per channel	: 4 x 1400W
▪ 8Ω bridge (x2)	: 2 x 2800W
▪ 4Ω bridge (x2)	: N/A
▪ Frequency Response	: 20Hz to 20KHz
▪ Sensitivity	: 0.775V / 1V / 38dB
▪ Mode	: Stereo / Parallel / Bridge
▪ Fan Speed	: Auto - Speed
▪ Input Connector	: 3 pin XLR
▪ Output Connector	: Speakon
▪ Filter Capacity	: 12000 μF / 80V x 8 nos
▪ Input Impedance	: Balanced 20k, Unbalanced 10k
▪ Slew Rate	: 35V / μs
▪ S/N ratio @ rated power @ 8Ω	: ≥ 100dB
▪ Damping Factor (1Khz @ 8Ω)	: ≥ 250
▪ Channel Separation	: ≥ 70dB
(8Ω load, 1KHz and below)	
▪ Output Topology	: Class H
▪ Dimension (W x D x H)	: 483 x 463 x 89.97mm
▪ Gross Weight	: 26Kg / 57.3Lbs



Dimensions in mm