Professional Stereo Digital Power Amplifier

Model
AVEK-P01

Key Features:

🔸 VOLTAGE GAIN: PROVIDES SUFFICIENT VOLTAGE INCREASE FOR INPUT SIGNALS.

🔸 OVERLOAD PROTECTION: PREVENTS DAMAGE WHEN DRIVING LOADS BEYOND CAPACITY.

🔸 NOISE REDUCTION: MINIMIZES NOISE OR DISTORTION INTRODUCED DURING AMPLIFICATION.

🔸 FREQUENCY RESPONSE: MAINTAINS UNIFORM GAIN ACROSS THE DESIRED AUDIO SPECTRUM.

🔸 SEPARATES FREQUENCY RANGES FOR MULTIPLE SPEAKER OUTPUTS (E.G., SUBWOOFERS AND TWEETERS).

🔸 SIGNAL-TO-NOISE RATIO OPTIMIZATION: MAXIMIZES THE RATIO OF AUDIO SIGNAL TO BACKGROUND NOISE.

🔸 IMPEDANCE MATCHING: ENSURES THE INPUT AND OUTPUT IMPEDANCE ARE COMPATIBLE WITH CONNECTED DEVICES.

Professional Stereo Digital Power Amplifier

Specification	
Rated Output / Channel, 8Ω	150W/230W/300W/400W/650W/800W/1000W
Rated Output / Channel, 4Ω	250W/350W/450W/700W/950W/ 1200W/ 1500W
Rated Output / Bridge, 8Ω	500W/700W/900W/1400W/1900W/2400W/3000W
Input Sensitivity	1VRMS & 8 Inputs with Surround 5.1
S/N Ratio	90dB
Damping	200:1
Input Common Mode	>90dB
Frequency Response	20Hz-20kHz (±3dB)
Harmonic Distortion	< 0.3% (Under normal working conditions)
Coefficient Channel Impedance4Ω/1kHz	4-16Ω
Channel Crosstalk	<-70dB
Display	"Power", "Clip", "Signal", "DC" and "TEMP" LEDs, IR Remote
Power Consumption	700W/950W/1200W/1900W/2500W/3200W/4000W
Operating Power	AC220V/50Hz
Protection	Power on/off, DC output, load short circuit.

ABOUT AVAIVI

AVAIVI is a dynamic and innovative DPIIT recognized Startup Company for its commitment to driving excellence, fostering innovation, and contributing to Bharat's burgeoning entrepreneurial landscape. AVAIVI specializes in providing cutting-edge Audio-Visual Solutions, AI-based Software and Security & Surveillance Technology.

AV Technology: AVAIVI's state-of-the-art audio-visual solutions redefine how information is presented and shared. Our innovative AV solutions include interactive displays, digital signage, audio systems, and immersive multimedia experiences.

AI Software Suite: From predictive analytics to process optimization, our AI-based software applications empower organizations to make informed decisions, streamline operations, and stay ahead in a rapidly evolving digital landscape.

Video Surveillance: AVAIVI's expertise in CCTV security surveillance technology goes beyond traditional monitoring. Our comprehensive solutions encompass advanced camera systems, intelligent video analytics, and remote monitoring capabilities.

Disclaimer: The information provided in this product datasheet is intended for general informational purposes only. While we strive to ensure the accuracy and reliability of the information presented. It is important to note that product specifications and features may change without prior notice.