AVAIVI

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Mixer Power Amplifier (150W)

Model
AVAK-P01

Key Features:

- DELIVERS POWERFUL 150W AUDIO OUTPUT FOR PUBLIC ADDRESS APPLICATIONS.
- SUPPORTS USB, SD CARD, FM RADIO AND BLUETOOTH AUDIO PLAYBACK FUNCTION.
- SEPARATE BASS AND TREBLE CONTROLS FOR CUSTOMIZED AUDIO PERFORMANCE.
- ADVANCED PROTECTION AGAINST SHORT CIRCUITS, OVERHEATING AND DISTORTION.
- INDEPENDENT VOLUME ADJUSTMENT FOR EACH INPUT CHANNEL WITH DEDICATED CONTROLS.
- WIDE FREQUENCY RESPONSE DELIVERS CLEAR SPEECH AND BALANCED AUDIO REPRODUCTION.

Mixer Power Amplifier

Specification	
Display	5-Segment LED Status Display
Rated Output Power	150W
Output Terminals	100V / 70V / 4~16Ω
Input Sensitivity	MIC-1 input: 15 mV (600Ω Unbalanced 6.3 Connection Terminals)
	MIC-2 input: 20 mV (600Ω Unbalanced 6.3 Connection Terminals)
	MIC-3 input: 20 mV (600Ω Unbalanced 6.3 Connection Terminals)
	AUX-1 Input: 350mV (10KΩ Unbalanced RCA Connection Terminals)
	AUX-1 Input: 350mV (10KΩ Unbalanced RCA Connection Terminals)
Output Sensitivity & Source Impedance	MIX OUT: 550mV (470Ω Unbalanced RCA Connection Terminals)
Digital Player	USB Port
	SD-Card Slot
	FM
	Bluetooth
Controls Type	Individual Channel Volume Adjustment Nobe Controls
	Independent Bass and Treble Nobe Controls
Tone Control	Bass: ±10dB at 100Hz; Treble: ±10dB at 10kHz
Frequency Response	80Hz ~ 16kHz (±3dB)
Channel Crosstalk Attenuation	≥ 50dB
Priority Function	MIC-1 overrides MIC-2, MIC-3, AUX-1 & AUX-2 Audio inputs
Signal-to-Noise Ratio	MIC-1, MIC-2, MIC-3: 65dB
	AUX-1, AUX-2: 70dB
Total Harmonic Distortion (THD)	< 0.5% (at 1kHz, 1/3 rated power)
Protection & Alarm Functions	Output Short-Circuit Protection, Over-Temperature Protection, and Saturation Distortion Alarm with Status Indication
Housing	Aluminium Alloy Panel
Chassis Design	Standard 2U Rack-Mount Chassis
Operating Voltage Range	AC 220V ±10%
Operating Temperature	-10°C ~ +55°C

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 productspecifications and features may change without prior notice.