PA-120-V1 / PA-240-V1

Mixer Amplifier (120W/240W)

Amplify and Master the Audio Scene with Ease



Product Features

- **Dual power/voltage specifications**: PA-120-V1 / PA-240-V1 correspond to 120W / 240W output, with AC110V voltage. This flexibly meets the needs of different venue scales and power environments, enabling more efficient installation and broader applications. (The PA-120-V2 / PA-240-V2 models with AC220V voltage are also available.)

- **Versatile Input/Output**: Equipped with 3 microphone inputs, 2 AUX inputs, and 1 audio output, supporting 8Ω impedance output and 70V/100V constant voltage output for speakers. It effortlessly adapts to various events and venues.

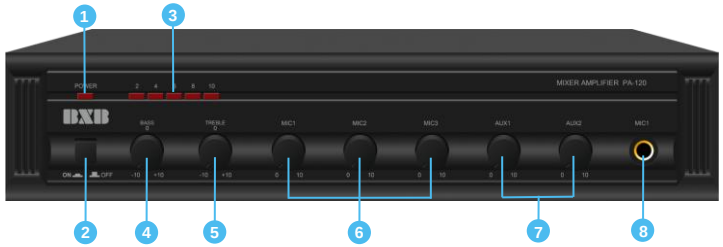
- **Complete Tone Control**: Featuring 5 audio channel inputs, each with independent volume control and 5-stage LED indicator lights for clear visibility. It also includes bass and treble adjustments for presentation of tonal details.

- **Emergency Broadcast Priority**: In emergency situations, the override function for audio broadcasting takes effect, muting other audio inputs to ensure the priority transmission of broadcast content and promptly address unexpected conditions.

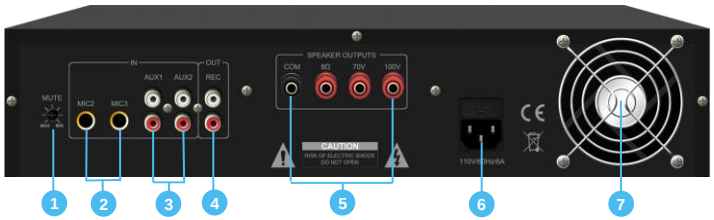
- **Safety Protection Mechanism**: Equipped with an internal output protection mechanism, it immediately emits an alarm in the event of abnormal loading. This serves as a prompt for users to inspect and address the issue, ensuring the safety of both the equipment and the environment.

- **Heat Dissipation Mechanism**: The unit is equipped with a cooling fan to ensure stable performance during extended operation.

Front / Back Panel



(1) Power Indicator Light
(2) Power Switch
(3) LED Volume Indicator
(4) Bass Adjustment
(5) Treble Adjustment
(6) MIC Volume Adjustment
(7) AUX Volume Adjustment
(8) MIC 1 Input Jack (priority-enabled)



(1) Volume Suppression Adjustment
(2) MIC 2, 3 Input Ports
(3) AUX 1, 2 Input Ports
(4) Auxiliary Output Port
(5) Output Terminal
(6) AC Power Input
(7) Fan Vent

PA-120-V1 / PA-240-V1 Mixer Amplifier (120W/240W)

Hardware Specifications

Rated Output Power	120W / 240W
Output Voltage Adjustment Range	From full load to no load, ≤3dB
Output Mode	Low Impedance: 8Ω Constant Voltage: 70V / 100V
Auxiliary Output Level	≥ 700mV
Input Sensitivity	Microphone: ≤ 3.3mV (unbalanced) Line-In: ≤ 300mV (unbalanced)
Frequency Response	80Hz - 16KHz (±3dB)
Total Harmonic Distortion	≤ 1% (1KHz, normal operation)
Tone Adjustment Range	Bass: ±10dB (100Hz) Treble: ±10dB (10kHz)

Physical Dimensions

Protection	AC fuse, DC output, overload, short circuit
Priority Input Function	Mic1 input overrides other inputs (attenuation 0 to -30dB)
Dimensions (WHD)	420 x 88 x 338 mm
Weight	9kg (PA-120-V1) 13kg (PA-240-V1)

Power Control

Power	AC 110V / 50Hz
Rated Power Consumption	250W (PA-120-V1) 500W (PA-240-V1)

BXB
ADD 6F-1, No.288-5, Xinya Rd., Qianzhen Dist., Kaohsiung City 806604, Taiwan
TEL +886 7 9703838
FAX +886 7 9703883
MAIL bxb@bxb.tw
WEB www.bxbsystem.com