

DMA6112_DMA6124_DMA60M_DMA60W

120W/240W 6-Zone Audio Matrix Amplifier System



DMA6112 (120W) / DMA6124 (240W)



DMA60M



DMA60W

Description

The amplifier system is designed with a sleek iron chassis and a 4.3-inch touch screen for easy operation. Its 2U chassis can be conveniently installed in a cabinet. It offers multiple functions including USB, radio and Bluetooth playback, audio signal matrix switching, half-bridge switching power supply and digital power amplifier circuit, zone volume adjustment, and a paging interface that can be useful in various settings for an enhanced audio experience.

Features

- 4.3 inch resistive touch screen, push-button power switch.
- Support 100V constant voltage output.
- With Chime Function, touch screen operation.
- Chime function, touch screen operation, chime and alarm program source can be replaced via USB.
- The alarm sound function can be triggered by the dry contact in the 3.81mm Phoenix socket (2P of 7P) on the rear panel.
- AUX1, AUX2, MIC1/LINE1, MIC2/LINE2 treble and bass volume adjustment (rear panel).
- Two XLR inputs MIC1/LINE1, MIC2/LINE2, 48V phantom power MIC, ordinary MIC and LINE are selected through independent DIP switches.
- With 2 AUX IN in the rear panel.
- 6 LINE OUT (corresponding channels).

- With zone monitoring function, the monitoring volume changes with the zone volume.
- MUTE > EMC IN > SIREN > CHIME > Remote Paging Microphone > Bluetooth Touch Panel > AUX1=AUX2=MIC1/LINE1=MIC2/LINE2=MP3=BT =FM
- 6-way Bluetooth Touch Control Panel Interface, fixed zone address, DC48V power supply, the maximum transmission distance of each channel is 300-600 meters, the Bluetooth touch control panel can only operate the corresponding zone audio source and volume.
- Two-way RJ-45 remote paging microphone interfaces, support zone/all zones paging, up to 2 mics cascaded, DC48V Power supply, 300-600m range per zone, and users can play AUX1 or MP3 player audio sources and enable the volume control.

Specifications

System Specifications		
Input Sensitivity	AUX1=AUX2	775±100mV
	MIC1=MIC2	5±1mV
	LINE1=LINE2	350±50mV
Output Power	DMA6112	Max. 120W*6
	DMA6124	Max. 240W*6
Distortion		95V<1% 100V<5%
SNR (A-weighted)		MIC≥71dB, LINE≥76dB
Line Input Frequency Response		80Hz-15kHz (±3dB under normal working conditions)
Mic Input Frequency Response		100Hz~12kHz (±3dB under normal working conditions)
Overload Source Electromotive Force		≥14dB (Constant Voltage)
Power Supply		AC220-240V
Tone Adjustment Range		Bass: ±10dB (100Hz), Treble: ±10dB (10kHz), the error is ±2dB.
LINE OUT Output Level		1000±100mV
MIC1-2 Phantom Power		48V±5V
Working Temperature		-10-50°C

System Connection

