

All-in-one Mixer Power Amplifier with Dante and DSP
Description

The MA-2300V2+/MA-2300DV2+ is a all-in-one DSP amplifier featuring 16 inputs and 10 outputs, designed for high-quality sound reinforcement in a variety of settings, such as medium to large conference rooms, courts, auditoriums, and multi-functional halls. This unit integrates advanced DSP technologies, including feedback suppression, AI noise cancellation (ANC), echo cancellation (AEC), automatic gain control (AGC), auto mixing, matrix mixing, equalization, crossover, delay, compressor, and limiter.

Features

- ▶ TCP/IP network control for managing multiple devices
- ▶ Supports multiple control methods: TCP/IP, RS232, RS485, USB
- ▶ Support computer software control
- ▶ Supports both playback and recording through stereo USB soundcard transmission
- ▶ Built-in Bluetooth technology for wireless streaming
- ▶ 48V phantom power on Input Channels
- ▶ With color LCD display, allowing easy configuration of device name, presets, IP settings and input/output volume
- ▶ Easily switch between Free Matrix and Bridge Mode for flexible audio routing and management.
- ▶ Supports camera tracking with PELCO-D, PELCO-P, and VISCA protocols, enabling automatic camera control based on voice activation.
- ▶ Save and recall up to 60 preset configurations for quick setup and adjustments.
- ▶ Seamlessly integrates with up to four WM-2300U true diversity wireless handheld microphones for versatile sound reinforcement(optional)



SPECIFICATIONS	MA-2300V2+	MA-2300DV2+
Type	2-CH Amplifier with DSP	2-CH Amplifier with DSP and Dante
Dante Audio Channel	/	2
Output Power	2*450W@4Ω or 2*300W@8Ω, bridged 1*900W@8Ω, Switchable to bridged 1*900W@100V, 1*612W@70V	
Input Interfaces	2 x 6.35mm (TRS) Inputs; 4 x 3.81mm Phoenix Inputs; 2 x RCA Inputs	
Output Interfaces	2 x 6.35mm (TRS) Outputs; 4 x 3.81mm Phoenix outputs; 2 x RCA Outputs	
Auto Mixing/Matrix Mixing	14 in 8 out	16 in 10 out
Max. Input/Output Level (Balanced)	17dBu/5.484V	
Sampling	48k / 24bit	
PEQ	8 bands per input and output	
Gain	-60 to +15dB adjustable per channel	
Delay	0~2000ms adjustable per input and output channel	
Power Supply	AC100~240 50/60Hz, 7.5A	
Net Weight	5.8kg/6kg	
Product Size	490*380*52mm	
Wireless UHF Handheld Microphone	WM-2300U	
Microphone Channel	4	
Frequency Range	Channel A: 610-624.7 MHz (50 channels) Channel B: 625-639.7 MHz (50 channels) Channel C: 640-654.7 MHz (50 channels) Channel D: 655-669.7 MHz (50 channels)	