



ZA-3200D-AS 1 Series

Digital Mixer Amplifiers



High performance and suite for broadcasting, paging or background music, the ZA-3200D-AS 1 digital mixer amplifier takes care of all of it for you.

Digital Mixer Amplifier

ZA-3212D-AS 1
ZA-3224D-AS 1
ZA-3248D-AS 1



Model	ZA-3212D-AS 1	ZA-3224D-AS 1	ZA-3248D-AS 1
Power Source	100 – 240V AC, 50/60Hz	100 – 240V AC, 50/60Hz or 24V DC	
Power Consumption (EN60065)	44W	62W	99W
Rated Output	120W	240W	480W
Input	MIC 1: 1mV (-60dB*), 600Ω, Balanced, phone jack, selectable to RJ45 with echo function MIC 2 - 3: 1mV (-60dB*), 600Ω, Balanced, phone jack MIC 4: 1mV (-60dB*), 600Ω, Balanced, phone jack, selectable to AUX 1 AUX 1: 100mV (-20dB*), 10kΩ, Unbalanced, RCA pin jack, selectable to MIC 4 AUX 2: 100mV (-20dB*), 10kΩ, Unbalanced, RCA pin jack		
Output	Speaker out: Speaker output in screw type terminal Direct Line (Selectable): 83Ω (100V) or 4Ω Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker output in screw type terminal 42Ω (100V) or 4Ω 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker output in screw type terminal 21Ω (100V) or 4Ω 0 dB*, 600Ω, Unbalanced, RCA pin jack
Phantom Power	DC +21V (MIC 1)		
S/N ratio	Over 60 dB		
Total Harmonic Distortion	Under 1% at 1kHz, 1/3 rated power		
Muting	MIC 1: Mutes other input signals by 0 – 30dB attenuation		
Frequency Response	50Hz – 20000Hz		
Tone Control	Bass: ±10dB at 100Hz / Treble: ±10dB at 10000Hz		
Indicator	Power, Signal, Peak, Protect		
Operating Temperature	0° to + 40°C		
Ventilation	Natural Air Cooling	Fan Cooling	
Finish	Panel: ABS resin, Black / Case: Steel Plate, Black		
Dimensions	420 (W) × 100.9 (H) × 357 (D) mm (16.54" × 3.97" × 14.06")		
Weight	4.6kg	5.1kg	5.4kg

Digital Booster Amplifier

ZP-3248D-AS 1



Model	ZP-3248D-AS 1
Power Source	100 – 240V AC, 50/60Hz or 24V DC
Power Consumption (EN60065)	99W (AC operation at 1/8 maximum output without clip)
Rated Output	480W
Input	Line In: 0dB*, 10kΩ, balanced, screw terminal 100V Line In: 40dB*, 30kΩ, unbalanced, screw terminal
Output	Speaker out: Speaker output in screw type terminal Direct line (selectable): 21Ω (100V) or 4Ω Loop out: 0dB*, 10kΩ, balanced, screw terminal
Control	Remote power control, screw terminal
S/N Ratio	Over 70dB
Total Harmonic Distortion	Under 1% at 1kHz, 1/3 rated power
Frequency Response	50 - 20000Hz
Tone Control	Bass: ±10dB at 100Hz / Treble: ±10dB at 10000Hz
Indicator	Power, Signal, Peak
Operating Temperature	0° to + 40°C
Ventilation	Fan Cooling
Finish	Panel: ABS resin, black / Case: Steel plate, black
Dimensions	420 (W) × 100.9 (H) × 351.3 (D) mm (16.54" × 3.97" × 13.83")
Weight	5.2kg

Model	MP3	Zone Selection	100V Line In	Echo Function
ZA-3212D-AS 1				✓
ZA-3224D-AS 1	x	x	x	
ZA-3248D-AS 1				
ZA-3212DM-AS 1	✓	x	x	x
ZA-3224DM-AS 1				
ZA-3248DM-AS 1				
ZA-3224DMZ-AS 1	✓	✓	x	x
ZA-3248DMZ-AS 1				
ZP-3248D-AS 1	x	x	✓	x



Product Features

- Available in 120W, 240W and **480W** to suit any applications
- Universal power input: 100 - 240 V
- Feature MP3 Player, FM Radio, Bluetooth, Zone Selection and Echo Function
- Up to 4 MIC, 2 AUX
- Input RJ-45 for Chime Microphone (ZM-380C-AS)
- USB/SD/BT Player (include record function)
- Selectable switch for Low and High Impedance



Commercial Buildings



Educational Facilities



Retail / Boutiques



Factories / Plants



Houses of Worship



Achieving *High-Performance & Cost-Efficiency* all in one equipment...



Digital Mixer Amplifier with MP3
 ZA-3212DM-AS 1
 ZA-3224DM-AS 1
 ZA-3248DM-AS 1



Digital Mixer Amplifier with MP3 and Zones
 ZA-3224DMZ-AS 1
 ZA-3248DMZ-AS 1



Model	ZA-3212DM-AS 1	ZA-3224DM-AS 1	ZA-3248DM-AS 1	ZA-3224DMZ-AS 1	ZA-3248DMZ-AS 1
Power Source	100 – 240V AC, 50/60Hz		100 – 240V AC, 50/60Hz or 24V DC		
Power Consumption (EN60065)	44W	62W	99W	62W	99W
Rated Output	120W	240W	480W	240W	480W
Input	MIC 1: 1mV (-60dB*), 600Ω, Balanced, phone jack, selectable to RJ45 MIC 2 - 3: 1mV (-60dB*), 600Ω, Balanced, phone jack MIC 4: 1 mV (-60dB*), 600Ω, Balanced, phone jack, selectable to AUX 1 AUX 1: 100mV (-20dB*) 10kΩ, Unbalanced, RCA pin jack, selectable to MIC 4 AUX 2: 100mV (-20dB*), 10kΩ, Unbalanced, RCA pin jack MP3: LED Display, Support USB, SD/MMC card (up to 32GB), Bluetooth, Radio FM, Record				
Output	Speaker output in screw type terminal				
Speaker Out:	83Ω (100V) or 4Ω				
Direct Line (Selectable):	42Ω (100V) or 4Ω	21Ω (100V) or 4Ω	42Ω (100 V) or 4 Ω	21Ω (100V) or 4Ω	
Rec Out:	0dB*, 600Ω, Unbalanced, RCA pin jack				
Zone Selection				5 zones selector (all zones simultaneously selectable)	
Phantom Power	DC +21V (MIC 1)				
S/N ratio	Over 60dB				
Total Harmonic Distortion	Under 1% at 1kHz, 1/3 rated power				
Muting	MIC 1: Mutes other input signals by 0 – 30dB attenuation				
Frequency Response	50Hz – 20000Hz				
Tone Control	Bass: ±10dB at 100Hz / Treble: ±10dB at 10000Hz				
Indicator	Power, Signal, Peak, Protect				
Operating Temperature	0° to + 40°C				
Ventilation	Natural Air Cooling				Fan Cooling
Finish	Panel: ABS resin, Black / Case: Steel Plate, Black				
Dimensions	420(W) × 100.9(H) × 357(D) mm (16.54" x 3.97" x 14.06")				
Weight	4.6kg	5.1kg	5.4kg	5.1kg	5.4kg
Accessory	Removable terminal plug (2pins).....5				

*0dB= 1V