

New editions to the popular A-3200D Series of Digital Mixer Amplifiers giving high performance and cost efficiency for applications from churches to office blocks and from retail units to educational facilities. Ideal for broadcasting, paging and background music.

See the specifications below:

## SPECIFICATIONS

	A-3212DZ	A-3224DZ	A-3248DZ
<b>Power Source</b>	100 to 240 V AC, 50/60 Hz		
<b>Power Consumption</b> (EN 62368-1)	44 W (AC operation at 1/8 maximum output without clip)	62 W (AC operation at 1/8 maximum output without clip)	99 W (AC operation at 1/8 maximum output without clip)
<b>Rated Output</b>	120 W	240 W	480 W
<b>Input</b>	MIC 1 : 1 mV (-60dB*), 600 Ω, balanced, phone jack, selectable to RJ45 MIC 2-3 : 1 mV (-60dB*), 600 Ω, balanced, phone jack MIC 4 : 1 mV (-60dB*), 600 Ω, balanced, phone jack, selectable to AUX 1 AUX 1 : 100 mV(-20dB*), 10 kΩ, unbalanced, RCA pin jack, selectable to MIC 4 AUX 2 : 100 mV(-20dB <sub>o</sub> ), 10 kΩ, unbalanced, RCA pin jack PRIORITY : 0 dB*, 600 Ω, unbalanced removable terminal block		
<b>Output</b>	Speaker Output : screw type terminal Direct Line (selectable) : 83 Ω (100V) or 4 Ω Zone Selection : 5 zones simultaneously selectable Rec Out : 0 dB*, 600 Ω, unbalanced, RCA pin jack	Speaker Output : screw type terminal Direct Line (selectable) : 42 Ω (100V) or 4 Ω Zone Selection : 5 zones simultaneously selectable Rec Out : 0 dB*, 600 Ω, unbalanced, RCA pin jack	Speaker Output : screw type terminal Direct Line (selectable) : 21 Ω (100V) or 4 Ω Zone Selection : 5 zones simultaneously selectable Rec Out : 0 dB*, 600 Ω, unbalanced, RCA pin jack
<b>Control</b>	Priority Control Input, removable terminal block		
<b>Phantom Power</b>	DC +21 V (MIC 1)		
<b>S/N Ratio</b>	Over 60 dB		
<b>Total Harmonic Distortion</b>	Under 1% at 1kHz, 1/3 rated power		
<b>Muting</b>	MIC 1 : Mutes other input signals by 0-30 dB attenuation		
<b>Frequency Response</b>	50 - 20,000 Hz		
<b>Tone Control</b>	Bass : ± 10 dB at 100 Hz Treble : ± 10 dB at 10 Hz		
<b>Indicator</b>	POWER, SIGNAL, PEAK, PROTECT		
<b>Operating Temperature</b>	0°C to +40°C (32°F to 104°F)		
<b>Ventilation</b>	Fan Cooling		
<b>Finish</b>	Panel : ABS Resin, Black / Case : Steel Plate, Black		
<b>Dimensions</b>	420 (w) x 100.9 (h) x 357 (d) mm (16.54" x 3.97" x 14.06")		
<b>Weight</b>	4.6 kg (10.14 lb)	4.9 kg (10.80 lb)	5.0 kg (11.02 lb)
<b>Accessory</b>	Removable terminal plug (2 pins) ... 7		

Model	A-3212DM	A-3224DM	A-3248DM	A-3212DMZ	A-3224DMZ	A-3248DMZ	A-3248DME
Power Source	100 – 240 V AC, 50/60 Hz						
Rated Output	120 W	240 W	480 W	120 W	240 W	480 W	480 W
Power Consumption (EN60065)	44 W	62 W	99 W	44 W	62 W	99 W	99 W
Frequency Response	(AC operation at 1/8 maximum output without clip) 50 Hz – 20 kHz						
Total Harmonic Distortion	Under 1 % at 1 kHz, 1/3 rated power						
Input	MIC 1: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack, selectable to RJ45 MIC 2 - 3: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack MIC 4: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack, selectable to AUX 1 AUX 1: 100 mV (-20 dB*), 10 kΩ, Unbalanced, RCA pin jack, selectable to MIC 4 AUX 2: 100 mV (-20 dB*), 10 kΩ, Unbalanced, RCA pin jack MP3: LED Display, Support USB, SD/MMC card (up to 32GB), Bluetooth, Radio FM, Record						MIC 1: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack, selectable to RJ45 MIC 2 - 5: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack AUX 1 - 2: 100 mV (-20 dB*), 10 kΩ, 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:	Speaker output in screw type terminal						
Direct Line (Selectable):	83 Ω (100 V) or 4 Ω	42 Ω (100 V) or 4 Ω	21 Ω (100 V) or 4 Ω	83 Ω (100 V) or 4 Ω	42 Ω (100 V) or 4 Ω	21 Ω (100 V) or 4 Ω	21 Ω (100 V) or 4 Ω
Rec Out:	0 dB*, 600 Ω, Unbalanced, RCA pin jack						
Zone Selection	5 zone selector (all zones simultaneously selectable)						-
Phantom Power	DC +21 V (MIC 1)						
S/N Ratio	Over 60 dB						
Bass and Treble	Bass: ±10 dB at 100 Hz / Treble: ±10 dB at 10 kHz						±10 dB at 80 Hz, 315 Hz, 1 kHz, 3.15 kHz, 8 kHz
Muting	MIC 1: Mutes other input signals by 0 – 30 dB attenuation						
Ventilation	Natural Air Cooling	Fan Cooling		Natural Air Cooling	Fan Cooling		Fan Cooling
Finish	Panel: ABS resin, Black / Case: Steel Plate, Black						
Dimensions (W x H x D)	420 × 100.9 × 357 mm						
Weight	4.6 kg	4.9 kg	5.0 kg	4.6 kg	4.9 kg	5.0 kg	5.0 kg