



# A-3200DZ Series

High-performance digital mixer amplifier



**High-performance and cost-efficiency  
combined in one mixer power amplifier**

**We supply sound, not equipment.**

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# A-3200DZ Series

## Digital Mixer Power Amplifier

The A-3200DZ series of high-performance and cost-effective digital mixer amplifiers with high and low impedance offer the choice of 3 rated outputs from 120 W to 480 W. The stand-alone power amplifiers are equipped with zone selector, phantom power, priority function, EQ functions and 5 inputs connecting one chime microphone via CAT 5 cable. Ideal for broadcasting, paging, or background music in schools, offices, shops, factories and houses of worship.

### FEATURES

- Available in 120 W, 240 W and 480 W to suit any applications
- High Impedance / Low Impedance Selector
- Zones selector for selecting 5 zones simultaneously
- 5 inputs, 2 AUX, 1 REC out
- Priority Control Input
- Optional :  
Direct connection with EM-380 paging microphone
- Phantom Power
- EQ functions
- Energy efficient and eco-friendly due to digital technology

### APPLICATIONS



Schools



Offices



Factories



Shops



Houses of Worship



Supermarkets

### 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 <sub>s</sub> ), 600 Ω, balanced, phone jack, selectable to RJ45 MIC 2-3 : 1 mV (-60dB <sub>s</sub> ), 600 Ω, balanced, phone jack MIC 4 : 1 mV (-60dB <sub>s</sub> ), 600 Ω, balanced, phone jack, selectable to AUX 1 AUX 1 : 100 mV(-20dB <sub>s</sub> ), 10 kΩ, unbalanced, RCA pin jack, selectable to MIC 4 AUX 2 : 100 mV(-20dB <sub>s</sub> ), 10 kΩ, unbalanced, RCA pin jack PRIORITY : 0 dB <sub>s</sub> , 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 <sub>s</sub> , 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 <sub>s</sub> , 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 <sub>s</sub> , 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		

### TOA Electronics Europe GmbH

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Specifications are subject to change without notice.  
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