



A-3200D Series

Digital Mixer Amplifiers



Be it for broadcasting, paging or background music, the A-3200D digital mixer amplifier takes care of all of it for you.

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 Equalizer*
- Up to 5 MIC, 2 AUX
- Fan Cooling system to prevent over-heating*
* for selected models
- Booster Amplifier with 100 V Line Input



Offices



Educational Facilities



Retail

Achieving *High-Performance & Cost-Efficiency* all in one e



Model	A-3212DM	A-3224DM	A-3248DM	A-3212DMZ
Power Source				
Rated Output	120 W	240 W	480 W	120 W
Power Consumption (EN60065)	44 W	62 W	99 W	44 W
Frequency Response				
Total Harmonic Distortion				
Input	MIC 1: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack, s MIC 2 - 3: 1 mV (-60 dB*), 600 Ω, Balanced, p MIC 4: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack, s AUX 1: 100 mV (-20 dB*), 10 kΩ, Unbalanced, RCA pin jac AUX 2: 100 mV (-20 dB*), 10 kΩ, Unbalanced, F MP3: LED Display, Support USB, SD/MMC card (up to 32GB), B			
Output				
Speaker Out:				
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
Rec Out:				
Zone Selection	-			
Phantom Power				
S/N Ratio				
Bass and Treble	Bass: ±10 dB at 100 Hz / Treble: ±10 dB at			
Muting	MIC 1: Mutes			
Ventilation	Natural Air Cooling	Fan Cooling		Natural Air Coolin
Finish	Panel: AB			
Dimensions (W x H x D)				
Weight	4.6 kg	4.9 kg	5.0 kg	4.6 kg



Boutiques



Supermarkets



Houses of Worship



ncy equipment...



Digital Mixer Amplifier with MP3

- A-3212DM
- A-3224DM
- A-3248DM



Digital Mixer Amplifier with MP3 and Zones

- A-3212DMZ
- A-3224DMZ
- A-3248DMZ



Digital Mixer Amplifier with MP3 and EQ

- A-3248DME



	A-3224DMZ	A-3248DMZ	A-3248DME
100 – 240 V AC, 50/60 Hz			
	240 W	480 W	480 W
	62 W	99 W	99 W
at 1/8 maximum output without clip)			
50 Hz – 20 kHz			
der 1 % at 1 kHz, 1/3 rated power			
selectable to RJ45			MIC 1: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack, selectable to RJ45
phone jack			MIC 2 - 5: 1 mV (-60 dB*), 600 Ω, Balanced, phone jack
selectable to AUX 1			AUX 1 - 2: 100 mV (-20 dB*), 10 kΩ, Unbalanced, RCA pin jack
ack, selectable to MIC 4			MP3: LED Display, Support USB, SD/MMC card (up to 32GB), Bluetooth, Radio FM, Record
RCA pin jack			
luetooth, Radio FM, Record			
peaker output in screw type terminal			
Ω	42 Ω (100 V) or 4 Ω	21 Ω (100 V) or 4 Ω	21 Ω (100 V) or 4 Ω
*, 600 Ω, Unbalanced, RCA pin jack			
5 zone selector (all zones simultaneously selectable)			-
DC +21 V (MIC 1)			
Over 60 dB			
10 kHz			±10 dB at 80 Hz, 315 Hz, 1 kHz, 3.15 kHz, 8 kHz
s other input signals by 0 – 30 dB attenuation			
ng		Fan Cooling	Fan Cooling
S resin, Black / Case: Steel Plate, Black			
420 × 100.9 × 357 mm			
	4.9 kg	5.0 kg	5.0 kg

Digital Mixer Amplifier

A-3224D
A-3248D



Model	A-3224D	A-3248D
Power Source	100 – 240 V AC, 50/60 Hz	
Rated Output	240 W	480 W
Power Consumption (EN60065)	62 W	99 W
Frequency Response	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	
Output	Speaker out: Speaker output in screw type terminal Direct Line (Selectable): 42 Ω (100 V) or 4 Ω Rec out: 0 dB*, 600 Ω, Unbalanced, RCA pin jack	Speaker output in screw type terminal 21 Ω (100 V) or 4 Ω 0 dB*, 600 Ω, Unbalanced, RCA pin jack
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	
Muting	MIC 1: Mutes other input signals by 0 – 30 dB attenuation	
Ventilation	Fan Cooling	
Finish	Panel: ABS resin, Black / Case: Steel Plate, Black	
Dimensions (W x H x D)	420 x 100.9 x 357 mm	
Weight	4.9 kg	5.0 kg

Digital Booster Amplifier

P-3248D



Model	P-3248D
Power Source	100 – 240 V AC, 50/60 Hz or 24 V DC
Rated Output	480 W
Power Consumption (EN60065)	99 W (AC operation at 1/8 maximum output without clip)
Frequency Response	50 Hz – 20 kHz
Total Harmonic Distortion	Under 1 % at 1 kHz, 1/3 rated power
Input	Line In: 0 dB*, 10 kΩ, Balanced, Screw Terminal / 100 V Line In: 40 dB*, 30 kΩ, Unbalanced, Screw Terminal
Output	Speaker out: Speaker output in screw type terminal Direct Line (Selectable): 21 Ω (100 V) or 4 Ω Loop out: 0 dB*, 10 kΩ, balanced, screw terminal
Control	Remote power control, screw terminal / Remote master volume bypass, screw terminal
S/N Ratio	Over 70 dB
Bass and Treble	Bass: ±10 dB at 100 Hz / Treble: ±10 dB at 10 kHz
Ventilation	Fan Cooling
Finish	Panel: ABS resin, Black / Case: Steel Plate, Black
Dimensions (W x H x D)	420 x 100.9 x 351.3 mm
Weight	5.2 kg

Model	MP3 / Bluetooth	Zone Selection	EQ		100V Line In	24 V DC Input
			Bass & Treble	5 Band		
A-3224D A-3248D	x	x	✓	x	x	x
A-3212DM A-3224DM A-3248DM	✓	x	✓	x	x	x
A-3212DMZ A-3224DMZ A-3248DMZ	✓	✓	✓	x	x	x
A-3248DME	✓	x	x	✓	x	x
P-3248D	x	x	✓	x	✓	✓



TOA Electronics Pte Ltd

www.toa.com.sg

Specifications are subject to change without notice.

Printed in Singapore (65) 865-0820-01



Like us on Facebook
facebook.com/TOAasiapacific