



A-2000D & A-2000DT

Digital PA Amplifiers



Smiles
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Public



A-2000D Series

The A-2000D & A-2000DT Series is a range of high performance digital mixer power amplifiers suited for broadcasting paging and/or background music in schools, retail shops, offices, factories, houses of worship and large function rooms.

The A-2000DT Series is pre-loaded with 6 tones that shall be triggered by dry contact (Chime, Bell, Evac, Siren, Lock Down, All Clear), specifically for education facilities which uses it for emergency evacuation announcements as well.

A-2000DT series Front View



A-2000DT series Rear View



A-2000D series Front View



A-2030D & A-2060D Rear View



A-2120D & A-2240D Rear View



* Horn Filter Switch
Activate high pass filter when amplifier is used with horn type speakers.

Specification

Model	A-2030D	A-2060D	A-2120D	A-2240D	A-2120DT	A-2240DT
Power Source	220 – 240V AC, 50/60 Hz					
Rated Output	30W	60W	120W	240W	120W	240W
Power Consumption	12W (AC operation at 1/8 maximum output without clip)	16W (AC operation at 1/8 maximum output without clip)	30W (AC operation at 1/8 maximum output without clip)	48W (AC operation at 1/8 maximum output without clip)	34W (AC operation at 1/8 maximum output without clip)	48W (AC operation at 1/8 maximum output without clip)
Frequency Response	50 – 20,000Hz (±3dB)					
Distortion	Under 1% at 1 kHz, 1/3 rated power					
Input	MIC 1 – 3: -60dB*, 600Ω, Balanced, Phone jack AUX 1, 2: -20dB*, 10 kΩ, Unbalanced, RCA pin jack				MIC 1 – 3: -60dB*, 600Ω, Balanced, 3P XLR AUX 1, 2: -20dB*, 10 kΩ, Unbalanced, RCA pin jack	
Output	Speaker out: Balanced (Floating) High Impedance: 330Ω (100V) Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker out: Balanced (Floating) High Impedance: 170Ω (100V) Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker out: Balanced (Floating) High Impedance: 83Ω (100V) Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker out: Balanced (Floating) High Impedance: 42Ω (100V) Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker out: Balanced (Floating) High Impedance: 83Ω (100V) Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack	Speaker out: Balanced (Floating) High Impedance: 42Ω (100V) Rec out: 0 dB*, 600Ω, Unbalanced, RCA pin jack
Tones	-				6 tones contact trigger (Chime, Bell, Evac, Siren, Lockdown, All Clear)	
Phantom Power	DC +21V (MIC 1)					
S/N ratio	Over 60dB					
Tone Control	Bass: ±10dB at 100Hz/Treble: ±10dB at 10kHz					
Muting	MIC 1: Mutes other input signals by 0 – 30dB attenuation				MIC 1: Mutes other input signals by 0 – 30dB attenuation Tones will mute other Input Functions	
Indicator	Power LED, Signal LED, Peak LED					
Dimensions	420 (W) × 100.6 (H) × 280.3 (D) mm					
Weight	4.0kg	4.6kg			4.0kg	

*0dB = 1V



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Specifications are subject to change without notice.
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DESCRIPTION

The A-2240DT-AS is a high cost-performance mixer power amplifier suited for broadcasting paging or background music in schools, offices, shops, factories, mosques, churches and large rooms.

SPECIFICATIONS

* 0 dB = 1 V

Power Source	220 - 240 V ~ 50/60Hz
Rated Output	240 W
Power Consumption (EN60065)	48 W (AC operation at 1/8 maximum output without clip)
Frequency Response	50 - 20,000 Hz, ± 3 dB
Distortion	Under 1% at 1 kHz, 1/3 rated power
Input	MIC 1 - 3: -60 dB*, 600 Ω , balanced, 3P XLR AUX 1 - 2: -20 dB*, 10 k Ω , unbalanced, RCA pin jack
Output	Speaker out: Balanced (floating) High impedance: 42 Ω , (100 V) Rec out: 0 dB*, 600 Ω , unbalanced, RCA pin jack
Tones	6 Tones contact trigger (Chime, Bell, Evac, Siren, Lock down, Clear)
Phantom Power	DC +21 V (MIC 1)
S/N Ratio	Over 60 dB
Tone Control	Bass: ± 10 dB at 100 Hz Treble: ± 10 dB at 10 kHz
Muting	MIC 1: Mutes other input signals by 0 -30 dB attenuation Tones will be mutes the other Input function
Indicator	Power LED, Signal LED, Peak LED
Finish	Panel: ABS resin, black Case: Steel plate, black
Dimensions	420 (W) X 100.6 (H) X 280.3 (D) mm (16.54" X 3.96" X 11.04")
Weight	4.0 kg (8.88 lb)

APPEARANCE

