



A-2000D & A-2000DT

Digital PA Amplifiers



A-2000 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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Smiles for the Public

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DESCRIPTION

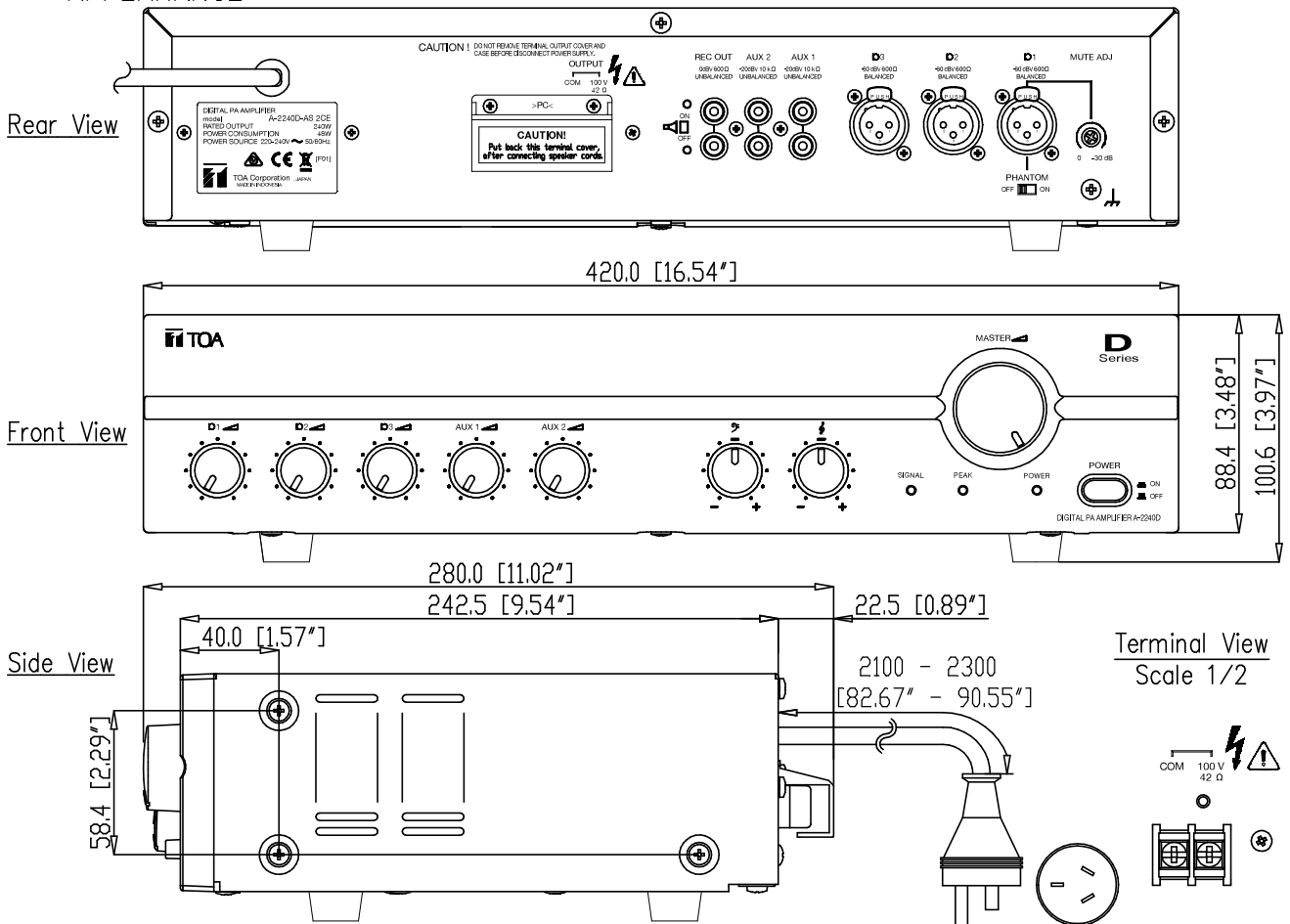
The A-2240D-AS is a high cost-performance mixer power amplifier suited for broadcasting paging or background music in schools, offices, shops, factories, mosques, churches and large rooms.

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, ±3dB |
| Distortion | Under 1% at 1 kHz, 1/3 rated power |
| Input | MIC 1 - 3: -60 dB*, 600Ω, balanced, 3P XLR AUX 1 - 2: -20 dB*, 10 kΩ, unbalanced, RCA pin jack |
| Output | Speaker out: Balanced (floating) High impedance: 42Ω, (100 V) Rec out: 0 dB*, 600Ω, unbalanced, RCA pin jack |
| 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 |
| 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



UNIT : mm SCALE : 1/3