



CE/CE-GB Version

A-2000 SERIES MIXER POWER AMPLIFIERS

A-2030/2060/2120/2240



***Offering high-end performance at affordable cost.
Think of TOA when you need amplifiers for
commercial audio applications.***

A-2000 Series Mixer Power Amplifiers

High cost-performance

- Suitable for commercial audio systems in schools, offices, shops, factories, houses of worship, and large meeting rooms
- Equipped with balanced mic. inputs for better isolation from external noise, compared to unbalanced inputs
- Improved durability compared with conventional TOA models

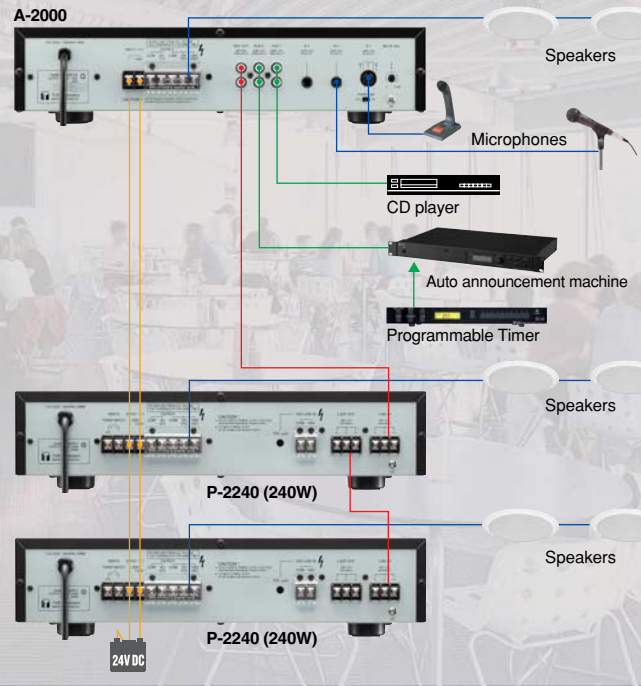
Flexibility

- A wide range of power outputs from 30W to 240W
- Offers a comfortable acoustic space thanks to tone control at bass and treble
- Both AC and DC operation possible
- Phantom power provided to MIC1, for supplying power to a condenser microphone

Easy to handle

- Scratch- and fingerprint-resistant finish
- Easy and quick volume control with master volume knob

Connection Example



SPECIFICATIONS

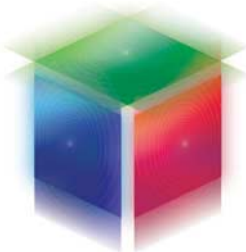
*0dB = 1V

| Model No. | A-2030 | A-2060 | A-2120 | A-2240 | P-2240 |
|--------------------|--|--|---|--|---|
| Power Source | 220 – 240V AC or 24V DC | | | | |
| Rated Output | 30W | 60W | 120W | 240W | 240W |
| Power Consumption | 34W (EN60065), 78W (AC operation at rated output), 2A (DC operation at rated output) | 72W (EN60065), 150W (AC operation at rated output), 4A (DC operation at rated output) | 124W (EN60065), 260W (AC operation at rated output), 8A (DC operation at rated output) | 238W (EN60065), 520W (AC operation at rated output), 15A (DC operation at rated output) | 238W (EN60065), 520W (AC operation at rated output), 15A (DC operation at rated output) |
| Frequency Response | 50 – 20,000Hz (±3dB) | | | | |
| Distortion | Under 1% at 1kHz, 1/3 rated power | | | | |
| Input | MIC 1: -60dB*, 600Ω, electronically balanced, 5-P DIN type MIC 2, 3: -60dB*, 600Ω, electronically balanced, phone jack AUX 1, 2: -20dB*, 10kΩ, unbalanced, RCA pin jack Mute: Contact Pin 4 – 5 Closure input (for MIC 1) | | | | Line in: 0dB*, 10kΩ, balanced, screw terminal 100V line in: 40dB*, 330kΩ, unbalanced, screw terminal Power remote control: Make contact |
| Output | Loop out Speaker out High impedance Low impedance Rec. out | — Balanced (floating) 330Ω (100V), 170Ω (70V) 4Ω (11V) 0dB*, 600Ω, unbalanced, RCA pin jack | — Balanced (floating) 170Ω (100V), 83Ω (70V) 4Ω (15.5V) 0dB*, 600Ω, unbalanced, RCA pin jack | — Balanced (floating) 83Ω (100V), 42Ω (70V) 4Ω (22V) 0dB*, 600Ω, unbalanced, RCA pin jack | — Balanced (floating) 42Ω (100V), 21Ω (70V) 4Ω (31V) 0dB*, 600Ω, unbalanced, RCA pin jack |
| Phantom Power | DC +21V (MIC 1) | | | | |
| S/N Ratio | Over 60dB | | | | |
| Ventilation | — | | | | Fan cooling |
| Tone Control | Bass: ±10dB at 100Hz/Treble: ±10dB at 10kHz | | | | |
| Muting | MIC 1: Mutes other input signals by 0 – 30dB attenuation | | | | |
| Indicator | Power: signal, peak | | | | |
| Finish | Panel: ABS resin, black/Case: Steel plate, black | | | | |
| Dimensions | 420 (W) × 100.9 (H) × 280.3 (D)mm | | 420 (W) × 100.9 (H) × 360.3 (D)mm | | 420 (W) × 100.9 (H) × 351.3 (D)mm |
| Weight | 5kg | 7kg | 10.8kg | 13.2kg | 13.2kg |



P-2240 Booster Amplifier (240W)

The P-2240 offers a high performance-to-cost ratio, and can be used with TOA's A-2000 Series mixer power amplifiers. Because the P-2240 features a 100V line input, it can be connected to the speaker line from another amplifier. Also, the P-2240's power can be switched on and off by remote control, allowing it to be operated independently of the A-2000 Series.



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Specifications are subject to change without notice.
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