



# A-2000D Series

Digital PA Amplifier



**Broadcasting paging and BGM  
with high cost-performance ratio.**

**We supply sound, not equipment.**

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# A-2000D Series

## Digital PA Amplifier

The A-2000D Series is a range of high performance mixer power amplifiers suited for broadcasting paging or background music in houses of worship, schools, offices, shops and factories. Equipped with balanced microphone inputs for better isolation from external noise, compared to unbalanced inputs, the A-2000D Series is suitable for AC operation and comes with power outputs from 30W to 240W. It is finished with a scratch and fingerprint-resistant surface for easy handling as well as quick volume control with master volume knob.

### FEATURES

- Wide range of power outputs from 30W to 240W
- 3 microphone inputs, 2 AUX input and 1 recording output
- Speaker output of constant voltage distribution system (100 V)
- Independent tone control of boost and cut type for both high and low frequency
- MIC 1 with phantom power and mute function
- Current limiter to prevent damage due to current overload
- Excess heat limit to protect the transistor and power transformer
- Finished with a scratch and fingerprint-resistant surface for easy handling

### APPLICATION EXAMPLES



Schools



Offices



Shops



Houses of worship

### SPECIFICATIONS

|                              | A-2030D                                                                         | A-2030DD                     | A-2060D        | A-2060DD                     | A-2120D        | A-2120DD                     | A-2240D        | A-2240DD                     |
|------------------------------|---------------------------------------------------------------------------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|
| Power Source                 | 220 240 V AC, 50 / 60 Hz                                                        |                              |                |                              |                |                              |                |                              |
| Rated Output                 | 30 W                                                                            |                              | 60 W           |                              | 120 W          |                              | 240 W          |                              |
| Power Consumption (EN 60065) | 12 W                                                                            |                              | 16 W           |                              | 34 W           |                              | 48 W           |                              |
| Outputs                      | Speaker: 100V, screw terminal / Rec out: 0 dBV, 600 Ω, unbalanced, RCA Pin Jack |                              |                |                              |                |                              |                |                              |
| Inputs                       | MIC 1 – 3: -60 dBV, 600 Ω, balanced                                             |                              |                |                              |                |                              |                |                              |
|                              | AUX 1, 2: -20 dBV, 10 kΩ, unbalanced, RCA Pin Jack                              |                              |                |                              |                |                              |                |                              |
| Input Connectors             | 3 x Phone jack                                                                  | 1x DIN5 Type + 2x Phone Jack | 3 x Phone jack | 1x DIN5 Type + 2x Phone Jack | 3 x Phone jack | 1x DIN5 Type + 2x Phone Jack | 3 x Phone jack | 1x DIN5 Type + 2x Phone Jack |
| Frequency Response           | 50Hz – 20kHz (±3dB)                                                             |                              |                |                              |                |                              |                |                              |
| Distortion                   | < 1% at 1 KHz, 1/3 rated power                                                  |                              |                |                              |                |                              |                |                              |
| S/N Ratio                    | > 60 dB                                                                         |                              |                |                              |                |                              |                |                              |
| Tone Controls                | Bass ±10dB (100Hz) / Treble ±10 dB (10KHz)                                      |                              |                |                              |                |                              |                |                              |
| Finish                       | Panel: ABS resin black / Case: steel plate, black                               |                              |                |                              |                |                              |                |                              |
| Dimensions (W x H x D)       | 420 x 100.6 x 280.3 mm                                                          |                              |                |                              |                |                              |                |                              |
| Weight                       | 4 kg                                                                            |                              | 4.6kg          |                              | 4 kg           |                              |                |                              |

**TOA Electronics Europe GmbH**

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Specifications are subject to change without notice.

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