



# A-5000 Series

## Digital Mixer Amplifier



Worldwide High Quality  
BGM Solution

## sound without compromise®

That's our motto.

TOA recognizes that background music plays an important part of your business and therefore quality and reliability must also match performance, design and style. The TOA A-5000 series offers the ability to control your music just the way you want it with built-in digital signal processors (DSP) that boast high efficiency and durability, and Digital amplification for long-term use. Feedback suppression (FBS) and precise EQ settings via PC provide optimal performance and security. Available in 60 and 120 Watt versions, makes it an ideal choice for small to medium restaurants and retail establishments.

**The A-5000 series, stylish, reliable with unmatched performance. That's sound without compromise®**

### Features

- 1U-half size compact and simple hardware for easy setting
- Hi-/Low-Z speaker connection
- 60W and 120W models
- 2 x mic/line inputs; 2 x stereo summing inputs
- Remote Master Volume Control
- Intuitive GUI software for sound optimization:
  - 5-band Parametric Equalizer for each input
  - Compressor for inputs 1 and 2
  - Feedback Suppression (FBS) for inputs 1 and 2
  - Mute (Mic 1 priority with Auto mute; Manual mute available for all channels)
  - HPF/LPF and 8-band Parametric Equalizer for amplifier output
  - 5-band Parametric Speaker Equalizer
- Ideal for restaurants, coffee shops, retail shops etc.



Rear panel



LAN



\*0dB=1V

| Specifications            | A-5006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A-5012                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Power Source              | 100 - 240 V AC, 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        |
| Rated Output              | 60 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 120W                                                                                   |
| Power/Current Consumption | 106 W(rated output), 20 W(based on cULus standards)<br>Max. 2 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 207 W (rated output), 39 W(based on cULus standards)<br>Max. 3 A                       |
| Frequency Response        | 50 Hz - 20 kHz, 1/8 output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                        |
| Distortion                | 1 % or less (1 kHz, rated output)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                        |
| Input                     | INPUT 1, 2: MIC -60 dB*, LINE -20 dB*, MIC/LINE selectable 2.2k ohms, electronically-balanced, removable terminal block (5 pins)<br>INPUT 3, 4: LINE -20 dB*, 10k ohms, unbalanced, RCA pin jack                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                        |
| Output                    | SPEAKER: 4 ohms, 70 V (83 ohms), 100 V (170 ohms)<br>removable terminal block (5 pins)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Speaker: 4 ohms, 70 V (42 ohms) , 100 V (83 ohms)<br>removable terminal block (5 pins) |
| S/N Ratio                 | MIC 1, 2: 60 dB or more, LINE 1 - 4: 80 dB or more (A-weighted)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                        |
| Function                  | Input Equalizer: 5 points settable on each input; HPF 20Hz - 20kHz 6dB/Oct; Parametric equalizer 20Hz - 20kHz +/-15dB, Q: 0.267 - 69.249;<br>Compressor: ON/OFF settable on Inputs 1 and 2 (OFF by default); Threshold, Ratio, Attack time, Release time, Gain adjustable per input;<br>FBS: ON/OFF settable on inputs 1 and 2 (OFF by default); Mute: MANUAL/AUTO/OFF: Settable per input (OFF by default); Reduction level, Hold and Fade-in time per input; Auto Trigger threshold input 1; Output Equalizer: 10 points settable; Through, Low-pass filter 6/12dB Oct, Parametric equalizer Q: 0.267 - 69.249, High-pass filter 6/12dB/Oct; Output Speaker Parametric Equalizer: 5 points settable; 20Hz - 20kHz +/-15 dB, Q: 0.267 - 69.249 |                                                                                        |
| Control                   | Mute control, Remote master volume control, Power ON/OFF switch, Ground lift                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                        |
| Indicator                 | Power, Signal, Peak, Protect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                        |
| Dimensions                | 8.27" x 2.07" x 14.76" (210 (W) X 52.5 (H) X 375 (D) mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                        |
| Weight                    | 7.94 lbs. (3.6 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8.6 lbs. (3.9 kg)                                                                      |
| Accessory                 | 1 x CD(setting software), 1 x Large type removable terminal plug (5 pins), 2 x Small type removable terminal plug (5 pins), 6 x Bracket mounting screw, 6 x Plain washer, 1 x Power supply cord (2 m (6.56 ft.))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                        |
| Options                   | Rack mounting brackets: MB-15-BK, MB-15B-J, YA-706                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                        |

Specifications are subject to change without notice.

A5000-032717-JM1

TOA Electronics, Inc.

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