

■DESCRIPTION

The A-5012 is a half-rack 1-unit size 120 W desktop mixer power amplifier. Inputs 1 and 2 can be set for either MIC or LINE sound sources, and its output is compatible with both high-impedance (100 V and 70 V lines) and low-impedance (4 Ω) speaker connections. Functions can be set with a PC using the dedicated setting software. The A-5012 is ideal for use as a power amplifier in small commercial facilities and conference rooms. With the use of an optional rack mounting bracket, it can be mounted in an EIA Standard equipment rack (1 unit size).

■SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Power Source          | 100-240 V AC, 50/60 Hz   |
| Rated Output          | 120 W  |
| Power/Current         | 207 W (rated output), 39 W (based on cULus standards)  |
| Consumption           | Max. 3 A   |
| Frequency Response    | 50 Hz - 20 kHz (1/8 rated output)  |
| Distortion            | 1 % or less (1 kHz, rated output)  |
| Input                 | INPUT 1, 2: MIC -60 dB(*1)<br>LINE -20 dB(*1) MIC/LINE selectable<br>2.2 kΩ, electronically-balanced, removable terminal block (5 pins)<br>INPUT 3, 4: LINE -20 dB(*1), 10 kΩ, unbalanced, RCA pin jack  |
| Output                | SPEAKER: 4 Ω, 70 V (42 Ω), 100 V (83 Ω), removable terminal block (5 pins)   |
| Signal to Noise Ratio | MIC 1, 2: 50 dB or more<br>LINE 1 - 4: 70 dB or more<br>(A-weighted)   |
| Function              | Equalizer: 5 points settable on each input (High-pass filter × 1, Parametric equalizer × 4)<br>High-pass filter: 20 Hz - 20 kHz, 6 dB/oct<br>Parametric equalizer: 20 Hz - 20 kHz, ± 15 dB, Q: 0.267 - 69.249<br>FBS: ON/OFF settable on inputs 1 and 2 (OFF by default)<br>Compressor: ON/OFF settable on inputs 1 and 2 (OFF by default)<br>Threshold, Ratio, Attack time, Release time, and Gain are settable independently on each input.<br>Mute: MANUAL/AUTO/OFF settable on each input (MANUAL by default)<br>Reduction level, Hold time and Fade-in time are settable independently on each input.<br>Trigger threshold is settable independently on input 1. (AUTO)<br>Equalizer: 10 points settable on output.<br>(Through, Low-pass filter, Parametric equalizer, High-pass filter)<br>Low-pass filter: 20 Hz - 20 kHz, 6 dB/oct, 12 dB/oct<br>Parametric equalizer: 20 Hz - 20 kHz, ± 15 dB, Q: 0.267 - 69.249<br>High-pass filter: 20 Hz - 20 kHz, 6 dB/oct, 12 dB/oct<br>Speaker parametric equalizer: 5 points settable on output<br>20 Hz - 20 kHz, ± 15 dB, Q: 0.267 - 69.249 |
| Control               | Mute control, Remote master volume control, Power ON/OFF switch, Ground lift   |
| LED Indicator         | Power indicator, Signal indicator, Peak indicator, Protect indicator   |
| Network I/F           | 100BASE-TX   |
| Operating Temperature | 0 °C to +40 °C (32 °F to 104 °F)   |
| Operating Humidity    | 35 % to 80 %RH (no condensation)   |
| Finish                | Panel: PS resin, black<br>Case: Surface-treated steel plate, black, paint  |
| Dimensions            | 210 (W) × 52.5 (H) × 375 (D) mm (8.27" × 2.07" × 14.76")   |
| Weight                | 3.9 kg (8.6 lb)  |
| Accessory             | CD (setting software) ...1, Large type removable terminal plug (5 pins) ...1,<br>Small type removable terminal plug (5 pins) ...2, Plain washer (*2) ...6,<br>Bracket mounting screw (M3 x 10) (*2) ...6, Power supply cord (2 m (6.56 ft)) ...1   |
| Option                | Half width blank panel: MB-15B-BK (for rack mounting one A-5012 unit) (*2)<br>Rack joint bracket: MB-15B-J (for rack mounting two A-5012 units) (*2)<br>Rack runner: YA-706  |

(\*1) 0 dB = 1 V

(\*2) When using the optional MB-15B-BK or MB-15B-J, use the bracket mounting screws supplied with this unit.

### ■ SPECIFICATIONS

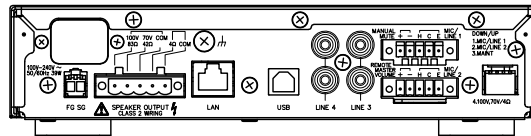
#### Personal Computer Requirements

|                    |  |
|--------------------|--|
| Hardware           | CPU: Intel Core i3, 2 GHz or faster<br>Memory: 2 GB or more recommended<br>Display: 1024 x 768 resolution or higher<br>Free Hard Disk Space: 16 MB or more,<br>however 600 MB or more is required for the<br>32-bit edition or 1.5 GB or more for the 64-bit<br>edition when ".NET Framework" is not yet installed<br>Optical Drive: CD-ROM drive<br>LAN: 100BASE-TX |
| OS                 | Windows 7 Professional (32/64-bit edition) Service Pack 1<br>Windows 8.1 Pro (32/64-bit edition)<br>Windows 10 Pro (32/64-bit edition) (These are the verified operating systems.)   |
| Required Component | .NET Framework 4 Client Profile  |

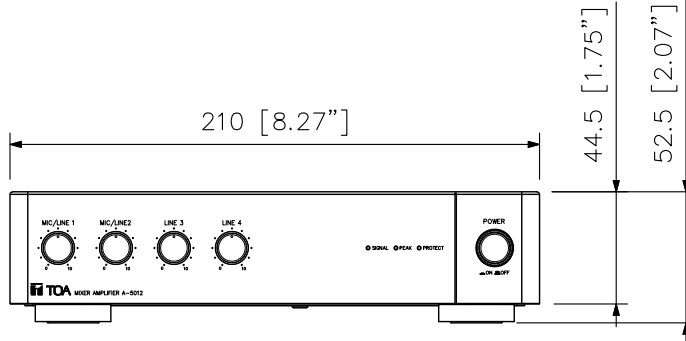
- ※ Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- ※ Intel Core is a trademark of Intel Corporation.
- ※ Other company names and products are also trademarks of individual companies.

### ■ APPEARANCE

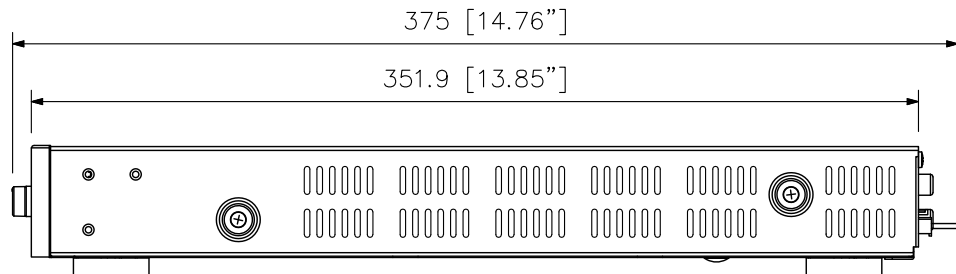
Rear View



Front View



Side View



| Model   | 1CE | 4CE |
|---------|-----|-----|
| AC plug |     |     |

UNIT:mm SCALE:1/3