TOA

MIXER AMPLIFIER

A-5006(1CE/4CE)

DESCRIPTION

The A-5006 is a half-rack 1-unit size 60 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-5006 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	60 W
Power/Current Consumption	106 W (rated output), 20 W (based on cULus standards) Max. 2 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) LINE −20 dB(*1) MIC/LINE selectable 2.2 kΩ, electronically-balanced, removable terminal block (5 pins) INPUT 3, 4: LINE −20 dB(*1), 10 kΩ, unbalanced, RCA pin jack
Output	SPEAKER: 4 Ω, 70 V (83 Ω), 100 V (170 Ω), removable terminal block (5 pins)
Signal to Noise Ratio	MIC 1, 2: 50 dB or more LINE 1 – 4: 70 dB or more (A-weighted)
Function	Equalizer: 5 points settable on each input (High-pass filter × 1, Parametric equalizer × 4) High-pass filter: 20 Hz – 20 kHz, 6 dB/oct Parametric equalizer: 20 Hz – 20 kHz, ± 15 dB, Q: 0.267 – 69.249 FBS: ON/OFF settable on inputs 1 and 2 (OFF by default) Compressor: ON/OFF settable on inputs 1 and 2 (OFF by default) Threshold, Ratio, Attack time, Release time, and Gain are settable independently on each input. Mute: MANUAL/AUTO/OFF settable on each input (MANUAL by default) Reduction level, Hold time and Fade-in time are settable independently on each input. Trigger threshold is settable independently on input 1. (AUTO) Equalizer: 10 points settable on output. (Through, Low-pass filter, Parametric equalizer, High-pass filter) Low-pass filter: 20 Hz – 20 kHz, 6 dB/oct, 12 dB/oct Parametric equalizer: 20 Hz – 20 kHz, ± 15 dB, Q: 0.267 – 69.249 High-pass filter: 20 Hz – 20 kHz, 6 dB/oct, 12 dB/oct Speaker parametric equalizer: 5 points settable on output 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 Case: Surface-treated steel plate, black, paint
Dimensions	210 (W) × 52.5 (H) × 375 (D) mm (8.27" × 2.07" × 14.76")
Weight	3.6 kg (7.94 lb)
Accessory	Large type removable terminal plug (5 pins) ···1, Small type removable terminal plug (5 pins) ···2, Plain washer (*2) ···6, 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-5006 unit) (*2) Rack joint bracket: MB-15B-J (for rack mounting two A-5006 units) (*2) 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

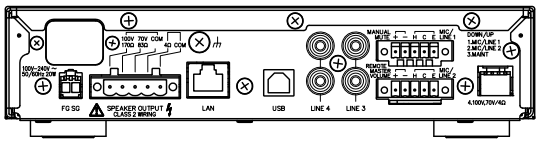
Personal Computer Requirements

Hardware	CPU: 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor Memory: 1 GB or more RAM (for 32-bit CPU) or 2 GB or more RAM (for 64-bit CPU) Display: 1024 × 768 resolution or higher Free Hard Disk Space: 16 MB or more, however 600 MB or more is required for the 32-bit edition or 1.5 GB or more for the 64-bit edition when ".NET Framework" is not yet installed LAN: 100BASE-TX
OS	Windows 10 Pro (32/64-bit edition) Windows 11 Pro (64-bit edition)
Required Component	.NET Framework 4 Client Profile

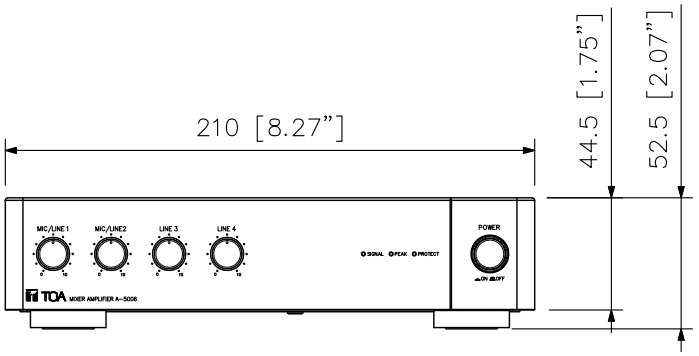
※ Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
※ Other company names and products are also trademarks of individual companies.

■APPEARANCE

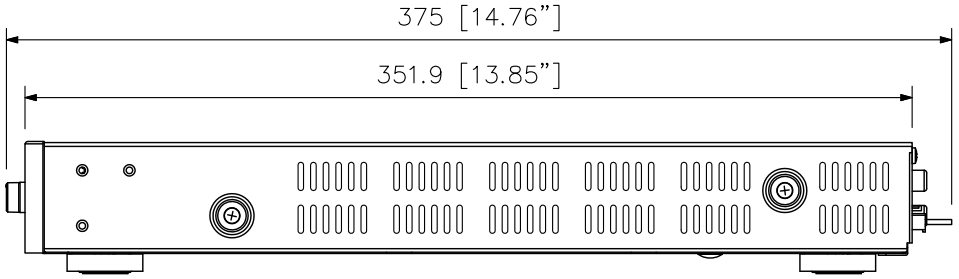
Rear View

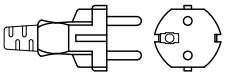
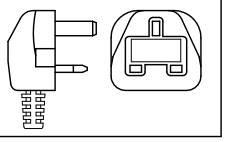


Front View



Side View



Model	1CE	4CE
AC plug		

UNIT:mm SCALE:1/3