TOA

MIXER AMPLIFIER A-3524D(1CE/2CE/4CE)

■DESCRIPTION

TOA's A-3500D Series is a PA amplifier equipped with 4 microphone inputs and 1 auxiliary inputs, and 2-channel zone selector. It employs a PFC circuit.
The A-3500D Series mixer amplifier is ideal for paging announcement and BGM applications in schools, offices, and super markets.

■SPECIFICATIONS

Power Source	100 – 240 V AC, 50/60 Hz
Rated Output	240 W
Power/Current Consumption	314 W (rated output), 70 W (based on EN62368), 200 mA or less (when power switch is OFF)
Frequency Response	50 Hz – 20 kHz ±3 dB (1/8 rated output)
Distortion	1 % or less at 1 kHz, rated power (20 kHz LPF (AUX-0025))
Tone Control	Bass: ±10 dB at 100 Hz Treble: ±10 dB at 10 kHz
Signal to Noise Ratio	88 dB or more (Master volume: min.) 76 dB or more (Master volume: max.) 55 dB or more (INPUT 1 – 4) 72 dB or more (INPUT 5) (A-weighted)
Audio Input	INPUT 1, 2: −60 dB (*1) (MIC)/−20 dB (*1) (LINE) selectable, 600 Ω, electronically-balanced, removable terminal block (5 pins)/ø6.3 mm phone jack (2P) Note: MIC inputs are equipped with phantom power (24 V DC, ON/OFF switchable). INPUT 3: −60 dB (*1), 600 Ω, electronically-balanced, ø6.3 mm phone jack (2P) INPUT 4: −60 dB (*1) (MIC)/−20 dB (*1) (LINE) selectable, 600 Ω, electronically-balanced, ø6.3 mm phone jack (2P) INPUT 5: −20 dB (*1), 10 kΩ, unbalanced, RCA pin jack × 2 PWR AMP IN: 0 dB (*1), 600 Ω, unbalanced, RCA pin jack
Audio Output	SPEAKER OUT: Low impedance (4 – 16 Ω)/ High impedance (DIRECT, ZONE 1/ZONE 2: 100 V/total 42 Ω), removable terminal block (6 pins) (ZONE 1/ZONE 2 is selectable, Max. 240 W per output) REC OUT: 0 dB (*1), 600 Ω, unbalanced, RCA pin jack LINE OUT 1, 2: 0 dB (*1), 600 Ω, unbalanced, RCA pin jack (Interlock with zone selection is possible)
Control Input	2 channels, no-voltage make contact input, open voltage: 35 V DC or less, short-circuit current: 10 mA or less, removable terminal block (5 pins) ZONE CONTROL IN: No-voltage make contact input, open voltage: 35 V DC or less, short-circuit current: 10 mA or less, removable terminal block (4 pins)
Control Output	POWER REMOTE OUT: Open collector output, withstand voltage: 30 V DC or less, control current: 25 mA or less, removable terminal block (4 pins) EMERGENCY OUT: Open collector output, withstand voltage: 30 V DC or less, control current: 25 mA or less, removable terminal block (4 pins) ZONE CONTROL OUT: Open collector output (polarized), withstand voltage: 30 V DC or less, control current: 25 mA or less, removable terminal block (4 pins)
Indicators	5-point LED output level meter, Power indicator LED, Priority indicator LED, Emergency indicator LED, Thermal protection indicator LED, Over current protection indicator LED, Zone 1 indicator LED, Zone 2 indicator LED
Operating Temperature	−10 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	85 %RH or less (no condensation)
Finish	Panel: ABS resin, black Case: Surface-treated steel plate, black, paint
Dimensions	420 (W) × 96.1 (H) × 313.1 (D) mm (16.54" × 3.78" × 12.33")
Weight	4.9 kg (10.8 lb)
Accessory	Power cord (2 m (6.56 ft)) ···1, Audio input removable terminal plug (3.81 mm, 5 pins) ···2, Control I/O removable terminal plug (3.81 mm, 4 pins) ···2, Remote control removable terminal plug (3.5 mm, 4 pins) ···1, Speaker out removable terminal plug (5 mm, 6 pins) ···1, Volume control cover ···4
Option	Rack mounting bracket: MB-25B Perforated panel : PF-013B

(*1) 0 dB = 1 V

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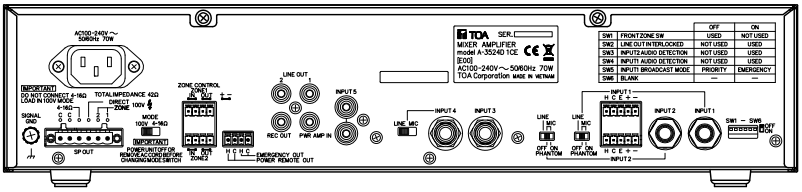
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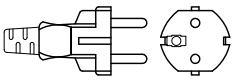
■APPEARANCE

Rear View

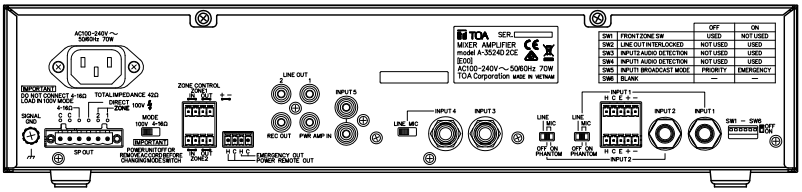
AC plug

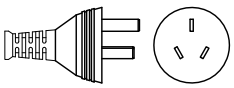
1CE model



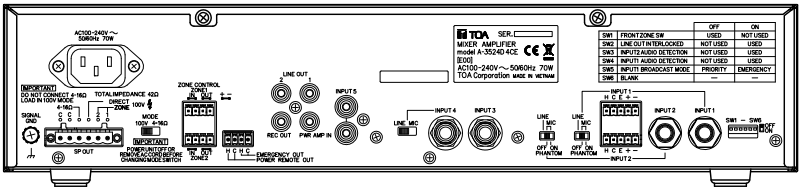


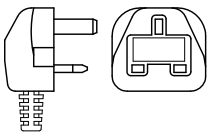
2CE model



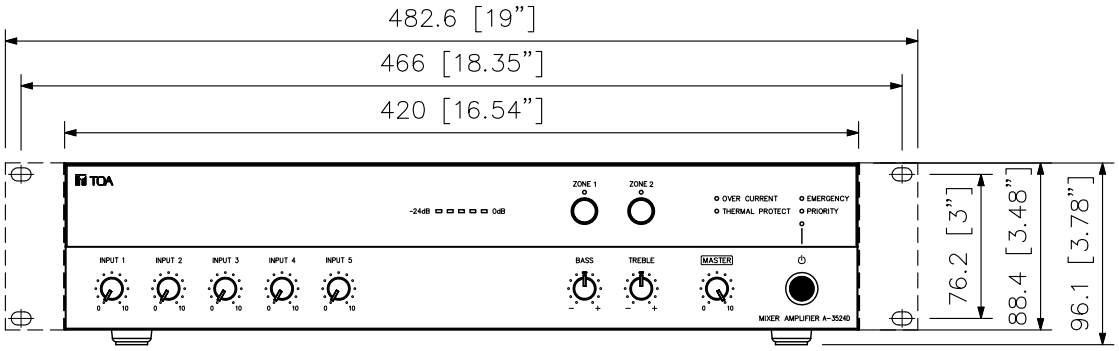


4CE model

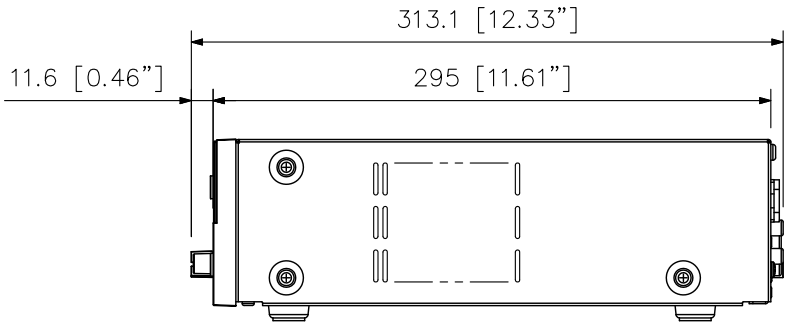




Front View



Side View



UNIT:mm SCALE:1/4