

## 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

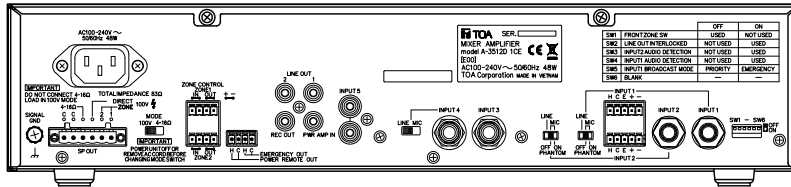
Power Source	100 – 240 V AC, 50/60 Hz
Rated Output	120 W
Power/Current Consumption	171 W (rated output), 48 W (based on EN62368), 200 mA or less (when power switch is OFF)
Frequency Response	50 Hz – 20 kHz $\pm 3$ dB (1/8 rated output)
Distortion	1 % or less at 1 kHz, rated power (20 kHz LPF (AUX-0025))
Tone Control	Bass: $\pm 10$ dB at 100 Hz Treble: $\pm 10$ 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 $\Omega$ , electronically-balanced, removable terminal block (5 pins)/ $\phi 6.3$ mm phone jack (3P) Note: MIC inputs are equipped with phantom power (24 V DC, ON/OFF switchable). INPUT 3: $-60$ dB (*1), 600 $\Omega$ , electronically-balanced, $\phi 6.3$ mm phone jack (3P) INPUT 4: $-60$ dB (*1) (MIC)/ $-20$ dB (*1) (LINE) selectable, 600 $\Omega$ , electronically-balanced, $\phi 6.3$ mm phone jack (3P) INPUT 5: $-20$ dB (*1), 10 k $\Omega$ , unbalanced, RCA pin jack $\times 2$ PWR AMP IN: 0 dB (*1), 600 $\Omega$ , unbalanced, RCA pin jack
Audio Output	SPEAKER OUT: Low impedance (4 – 16 $\Omega$ )/ High impedance (DIRECT, ZONE 1/ZONE 2: 100 V/total 83 $\Omega$ ), removable terminal block (6 pins) (ZONE 1/ZONE 2 is selectable, Max. 120 W per output) REC OUT: 0 dB (*1), 600 $\Omega$ , unbalanced, RCA pin jack LINE OUT 1, 2: 0 dB (*1), 600 $\Omega$ , 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	$-10$ $^{\circ}$ C to $+40$ $^{\circ}$ C (14 $^{\circ}$ F to 104 $^{\circ}$ F)
Operating Humidity	85 %RH or less (no condensation)
Finish	Panel: ABS resin, black Case: Surface-treated steel plate, black, paint
Dimensions	420 (W) $\times$ 96.1 (H) $\times$ 313.1 (D) mm (16.54" $\times$ 3.78" $\times$ 12.33")
Weight	4.9 kg (10.8 lb)
Accessory	Power cord (2 m (6.56 ft)) $\times 1$ , Audio input removable terminal plug (3.81 mm, 5 pins) $\times 2$ , Control I/O removable terminal plug (3.81 mm, 4 pins) $\times 2$ , Remote control removable terminal plug (3.5 mm, 4 pins) $\times 1$ , Speaker out removable terminal plug (5 mm, 6 pins) $\times 1$ , Volume control cover $\times 4$
Option	Rack mounting bracket: MB-25B Perforated panel : PF-013B

(\*1) 0 dB = 1 V

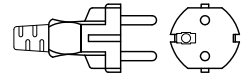
■ APPEARANCE

Rear View

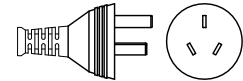
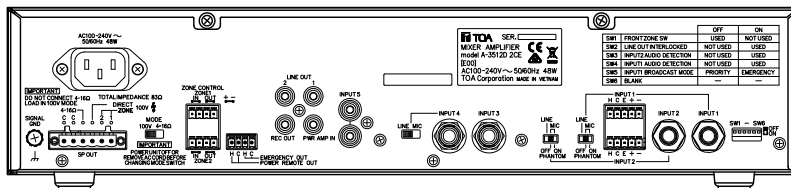
1CE model



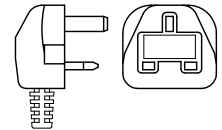
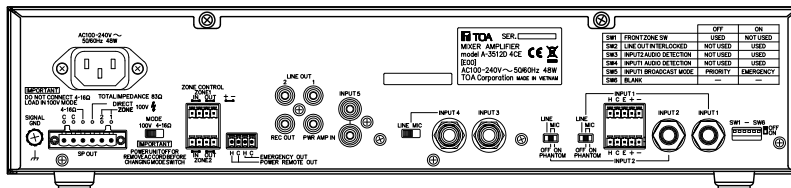
AC plug



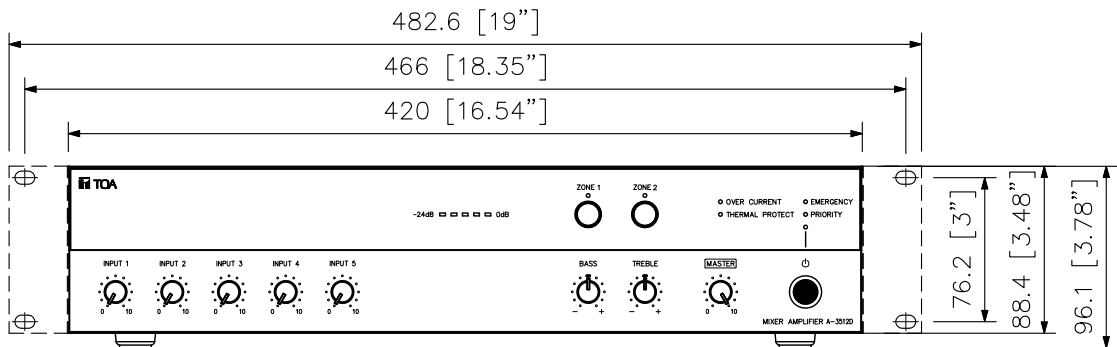
2CE model



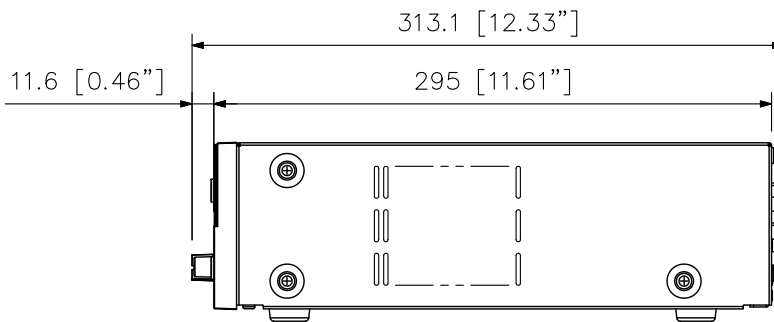
4CE model



Front View



Side View



UNIT:mm SCALE:1/4