

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

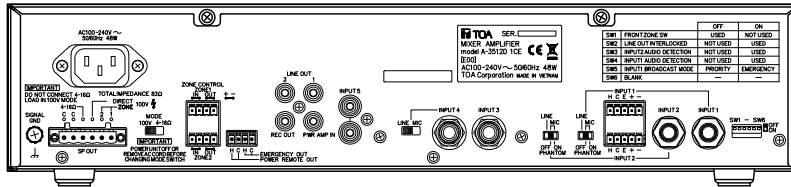
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|---------------------------|---|
| Power Source | 100 – 240 V AC, 50/60 Hz |
| Rated Output | 120 W |
| Power/Current Consumption | 171 W (rated output), 48 W (based on EN62368), 200 mA or less (when power switch is OFF) |
| Frequency Response | 50 Hz – 20 kHz ± 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)/ $\phi 6.3$ mm phone jack (3P) Note: MIC inputs are equipped with phantom power (24 V DC, ON/OFF switchable). INPUT 3: -60 dB (*1), 600 Ω , electronically-balanced, $\phi 6.3$ mm phone jack (3P) INPUT 4: -60 dB (*1) (MIC)/ -20 dB (*1) (LINE) selectable, 600 Ω , electronically-balanced, $\phi 6.3$ mm phone jack (3P) INPUT 5: -20 dB (*1), 10 k Ω , unbalanced, RCA pin jack $\times 2$ 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 83 Ω), removable terminal block (6 pins) (ZONE 1/ZONE 2 is selectable, Max. 120 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 $^{\circ}$ 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

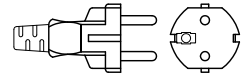
■ APPEARANCE

Rear View

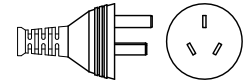
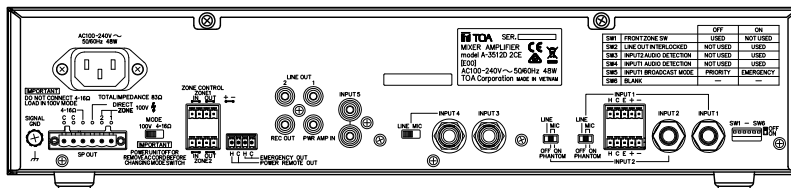
1CE model



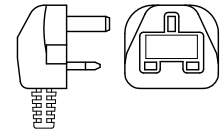
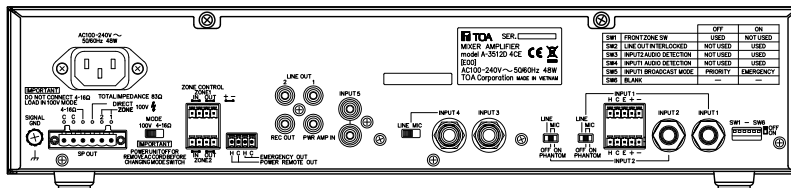
AC plug



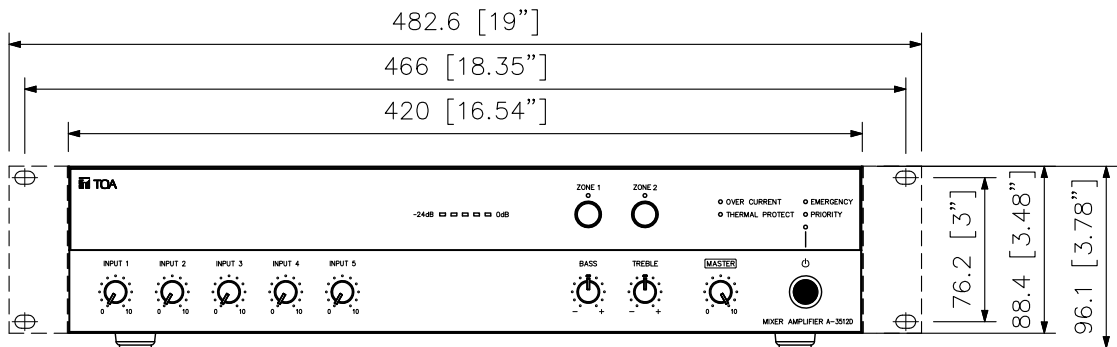
2CE model



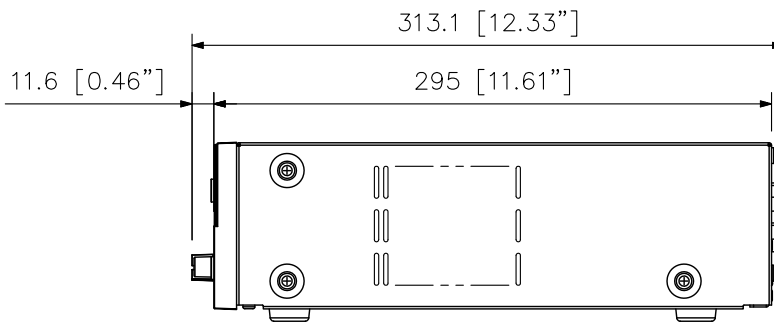
4CE model



Front View



Side View



UNIT:mm SCALE:1/4