TOA

# MIXER AMPLIFIER A-3548D(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 | 480 W |
| Power/Current Consumption | 601 W (rated output), 113 W (based on EN62368),<br>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<br>Treble: ±10 dB at 10 kHz |
| Signal to Noise Ratio | 88 dB or more (Master volume: min.)<br>76 dB or more (Master volume: max.)<br>55 dB or more (INPUT 1 – 4)<br>72 dB or more (INPUT 5)<br>(A-weighted) |
| Audio Input | INPUT 1, 2: −60 dB (*1) (MIC)/−20 dB (*1) (LINE) selectable,<br>600 Ω, electronically-balanced,<br>removable terminal block (5 pins)/ø6.3 mm phone jack (2P)<br>Note: MIC inputs are equipped with phantom power (24 V DC, ON/OFF switchable).<br>INPUT 3: −60 dB (*1), 600 Ω, electronically-balanced, ø6.3 mm phone jack (2P)<br>INPUT 4: −60 dB (*1) (MIC)/−20 dB (*1) (LINE) selectable, 600 Ω,<br>electronically-balanced, ø6.3 mm phone jack (2P)<br>INPUT 5: −20 dB (*1), 10 kΩ, unbalanced, RCA pin jack × 2<br>PWR AMP IN: 0 dB (*1), 600 Ω, unbalanced, RCA pin jack |
| Audio Output | SPEAKER OUT: Low impedance (4 – 16 Ω)/<br>High impedance (DIRECT, ZONE 1/ZONE 2: 100 V/total 21 Ω),<br>removable terminal block (6 pins)<br>(ZONE 1/ZONE 2 is selectable, Max. 480 W per output)<br>REC OUT: 0 dB (*1), 600 Ω, unbalanced, RCA pin jack<br>LINE OUT 1, 2: 0 dB (*1), 600 Ω, unbalanced, RCA pin jack<br>(Interlock with zone selection is possible) |
| Control Input | 2 channels, no-voltage make contact input, open voltage: 35 V DC or less,<br>short-circuit current: 10 mA or less, removable terminal block (5 pins)<br>ZONE CONTROL IN: No-voltage make contact input, open voltage: 35 V DC or less,<br>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,<br>control current: 25 mA or less, removable terminal block (4 pins)<br>EMERGENCY OUT: Open collector output, withstand voltage: 30 V DC or less,<br>control current: 25 mA or less, removable terminal block (4 pins)<br>ZONE CONTROL OUT: Open collector output (polarized), withstand voltage: 30 V DC or less,<br>control current: 25 mA or less, removable terminal block (4 pins) |
| Indicators | 5-point LED output level meter, Power indicator LED,<br>Priority indicator LED, Emergency indicator LED, Thermal protection indicator LED,<br>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<br>Case: Surface-treated steel plate, black, paint |
| Dimensions | 420 (W) × 96.1 (H) × 313.1 (D) mm (16.54" × 3.78" × 12.33") |
| Weight | 5.1 kg (11.24 lb) |
| Accessory | Power cord (2 m (6.56 ft)) ···1,<br>Audio input removable terminal plug (3.81 mm, 5 pins) ···2,<br>Control I/O removable terminal plug (3.81 mm, 4 pins) ···2,<br>Remote control removable terminal plug (3.5 mm, 4 pins) ···1,<br>Speaker out removable terminal plug (5 mm, 6 pins) ···1, Volume control cover ···4 |
| Option | Rack mounting bracket: MB-25B<br>Perforated panel : PF-013B |

(*1) 0 dB = 1 V



TOA Corporation

DWG No: GA-05UB1

TOA

# MIXER AMPLIFIER

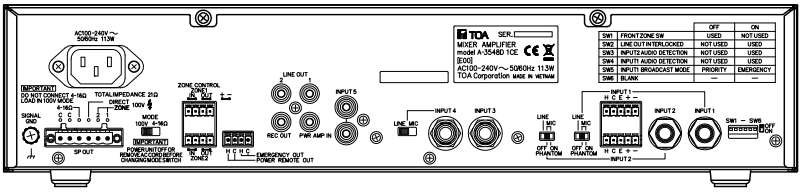
A-3548D(1CE/2CE/4CE)

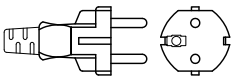
## ■APPEARANCE

Rear View

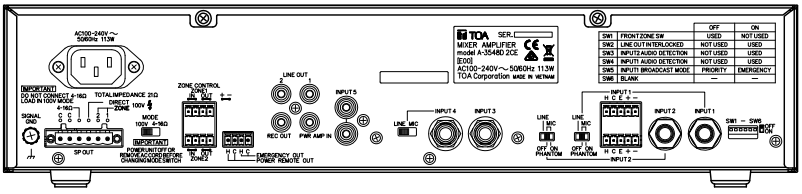
AC plug

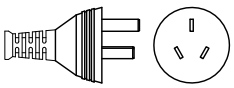
1CE model



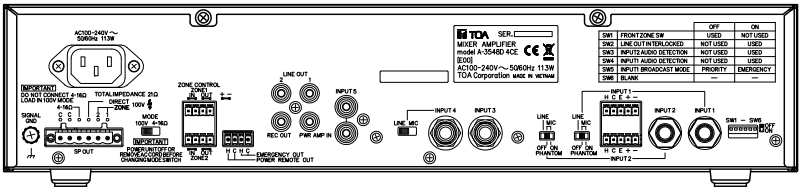


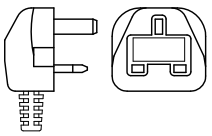
2CE model



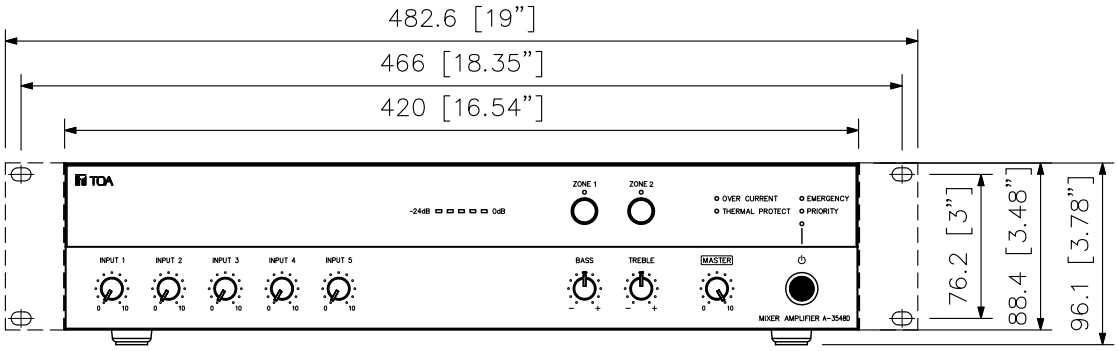


4CE model

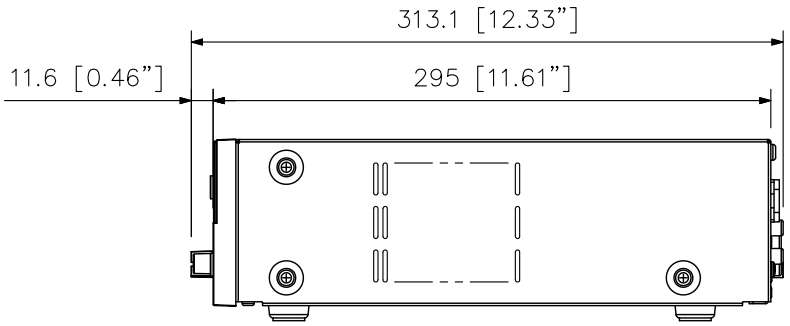




Front View




Side View




UNIT:mm SCALE:1/4