

TS-7912D-AS 1

CENTRAL UNIT



The TS-7912D is a Central unit for TOA Conference System. With the use of its line connection terminals permits connections to the Conference units of TS-791L and TS-792L, making up a conference system. It has built-in 120W power amplifier for external speaker. Each operation of Conference units and Power amplifier has its own power supply. The TS-7912D is equipped with Video conference connection terminals such as USB port or RCA jack. It is also equipped with Equalizer connection terminals to connect an equalizer or other signal processor. With the use of an optional rack mounting bracket, it can be mounted in an EIA standard equipment rack (2 unit size).

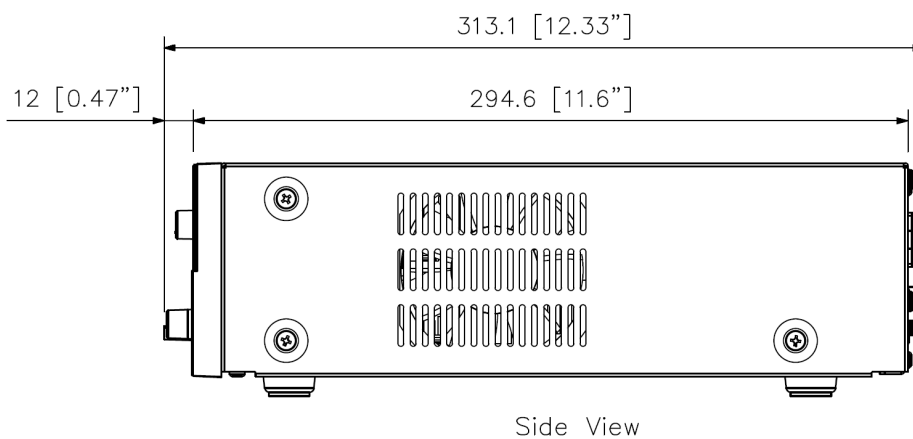
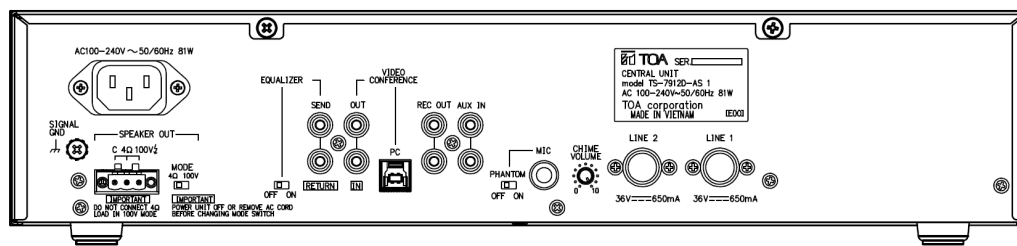
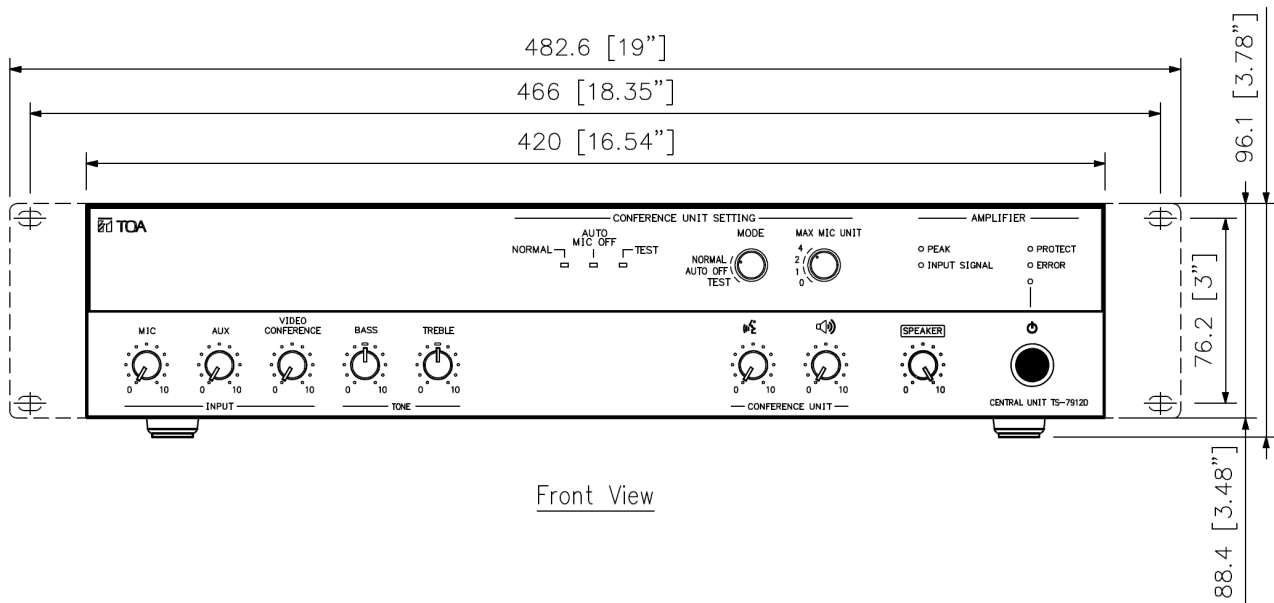
Key features

Specifications

*0 dB = 1V

Power Source	100 - 240 V AC, 50/60 Hz
Power Consumption	230 W (rated output, 64 units) 81 W (1/8 of rated output, 64 units)
Current Consumption	200 mA or less (when power switch is OFF)
Frequency Response	20 Hz to 20 kHz ± 3 dB
Distortion	1 % or less at 1 kHz (20 kHz LPF (AUX-0025))
Tone Control	Bass: ± 10 dB at 100 Hz, Treble: ± 10 dB at 10 kHz (Speaker Out)
Signal to Noise Ratio	83 dB or more (Speaker volume: min.) 76 dB or more (Speaker volume: max, Input volume: min.) 55 dB or more (Speaker volume: max, Input volume: max.) (A-weighted)
Audio Input	Mic: -60dB* (unbalanced) / -41 dB* (balanced) selectable, 600 Ω , $\varnothing 6.3$ mm phone jack Note: MIC input is equipped with phantom power (24 V DC, ON/OFF switchable) AUX IN: -20 dB*, 10 k Ω , unbalanced, RCA pin jack x 2
Audio Output	SPEAKER OUT: High impedance (100 V line / total 83 Ω) / Low impedance (4 - 16 Ω) selectable, removable terminal block (3 pins) REC OUT: -10dB*, 10 k Ω , unbalanced, RCA pin jack x 2
Equalizer Input/Output Terminal	-10dB*, 10 k Ω , unbalanced, RCA pin jack, ON/OFF switchable
Video Conference System Input/Output Terminal	-10dB*, 10 k Ω , unbalanced, RCA pin jack USB Audio Type-B port (for PC) Audio streaming data-in: 11.025/16/22.05/32/44.1/48 kHz sampling frequency (selectable on PC), 16-bit PCM. Audio streaming data-out: 32/44.1/48 kHz sampling frequency (selectable on PC), 16-bit PCM.
Volume Control	MIC volume, AUX volume, VIDEO CONFERENCE volume, SPEAKER volume, Microphone and Monitor speaker of Conference Unit volume, CHIME volume.
LED Indicator	Power (Green) Amplifier: INPUT SIGNAL (Green), PEAK (Red), PROTECT (Red), ERROR (Red) Conference Unit Setting: NORMAL (Green), AUTO MIC OFF (Green), TEST (Red)
Number of Connectable Conference Units	Max. 64 units
Chairman/Delegate Units Terminal	LINE 1, 2: 8 pin DIN Socket
Conference Unit Setting	MODE Switch: NORMAL / AUTO OFF / TEST MAX MIC UNIT Switch: Number of Delegate Units can be turned on microphone set to 0, 1, 2 or 4
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Panel: ABS resin, Black Case: Surface-treated Steel plate, Black, Paint
Dimensions	420(W) x 96.1 (H) x 313.1(D) mm
Weight	4.9 kg (10.8 lb)
Included Accessories	Power Cord (2 m) x 1, USB Cable (3 m) x 1, Speaker out removable terminal plug (5 mm, 3 pins) x 1
Optional Accessories	Extension cord: YR-790-3, YR-790-10 Rack mounting bracket: MB-25B

Dimensions



UNIT:mm