

■DESCRIPTION

The TS-7912DW-AS 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-AS and TS-792L-AS, 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-7912DW-AS 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. In addition it prepare 2 slots dedicated to the Wireless tuner module WTU-M9800. With the use of an optional rack mounting bracket, it can be mounted in an EIA standard equipment rack (2 unit size).

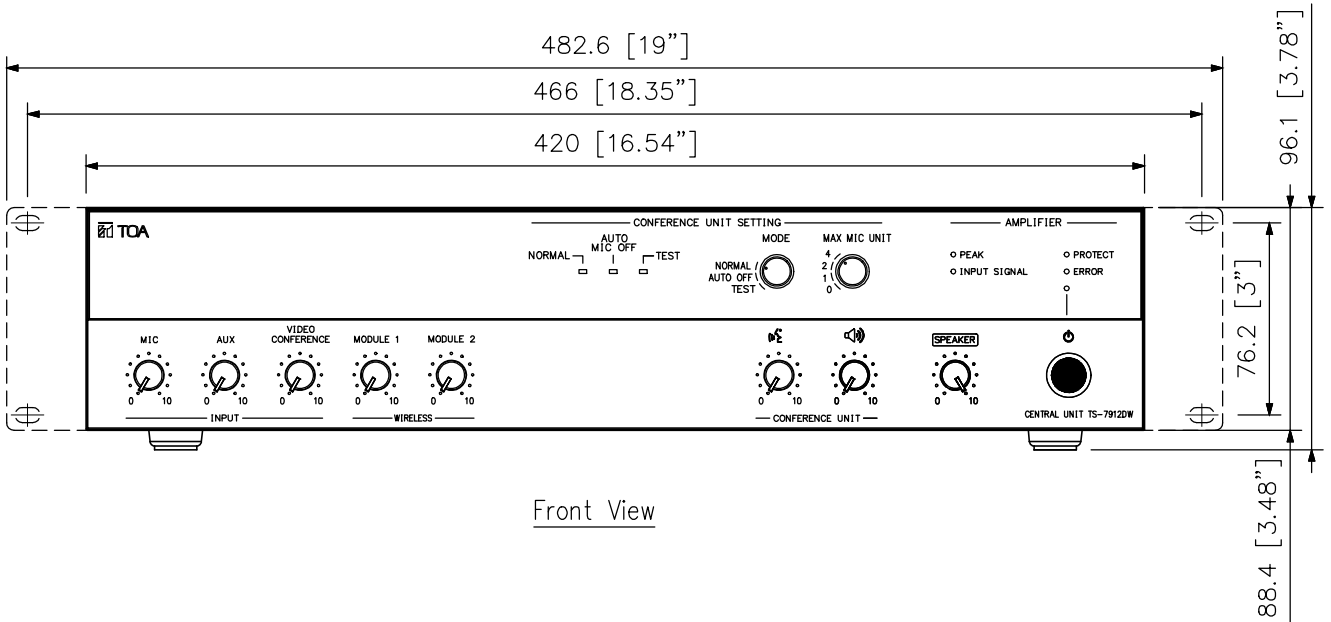
■SPECIFICATIONS

\* 0 dB = 1 V

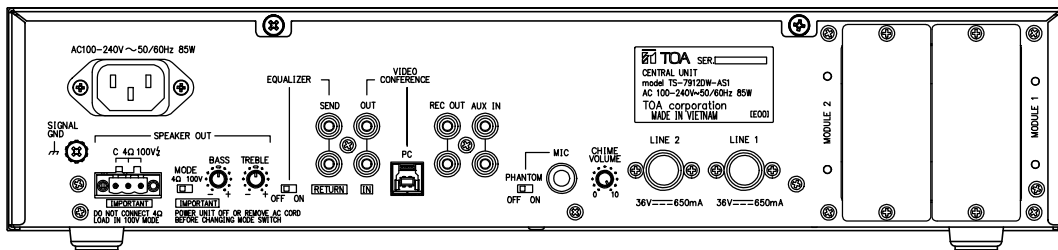
Power Source	100 – 240 V AC 50/60 Hz
Rated Output	120 W (Speaker Output)
Power/Current Consumption	235 W (rated output, 64 units) 85 W (1/8 of rated output, 64 units) 200 mA or less (when power switch is OFF)
Frequency Response	20 Hz to 20 kHz $\pm$ 3 dB
Distortion	1 % or less at 1 kHz (20 kHz LPF (AUX-0025))
Tone Control	Bass: $\pm$ 10 dB at 100 Hz, Treble: $\pm$ 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: -60 dB* (unbalanced)/ -41 dB* (balanced) selectable, 600 $\Omega$ , $\phi$ 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 $\Omega$ unbalanced, RCA pin jack X 2 MODULE 1, 2: -20 dB*, 10 k $\Omega$ , compatible Wireless Tuner Module WTU-M9800
Audio Output	SPEAKER OUT: High impedance (100 V line/ total 83 $\Omega$ )/ Low impedance (4 – 16 $\Omega$ ) selectable, removable terminal block (3 pins) REC OUT: -10 dB*, 10 k $\Omega$ , unbalanced, RCA pin jack X 2
Equalizer RETURN/SEND Terminal	-10 dB*, 10 k $\Omega$ , unbalanced, RCA pin jack, ON/OFF switchable
Video Conference IN/OUT Terminal	-10 dB*, 10 k $\Omega$ , 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.
Chairman/Delegate Units Terminal	LINE1, 2: 8 pins DIN Socket
Number of Connectable Chairman/Delegate Units	Max. 64 units
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
Priority Speech Chime	Operation of Chairman Unit's priority button activates a single-tone chime (with volume control)
Volume Control	MIC volume, AUX volume, VIDEO CONFERENCE volume, MODULE1 volume, MODULE2 volume, SPEAKER volume, Microphone and Monitor speaker of Conference Unit volume, CHIME volume.
LED Indicators	Power (Green) Amplifier: INPUT SIGNAL (Green), PEAK (Red), PROTECT (Red), ERROR (Red) Conference Unit Setting: NORMAL (Green), AUTO MIC OFF (Green), TEST (Red)
Operating Temperature	0 to +40 °C (32 to 104 °F)
Operating Humidity	90 % RH or less (no condensation)
Finish	Panel: ABS resin, black Case: Surface-treated steel plate, black, paint
Dimension	420 (w) X 96.1 (h) X 313.1 (d) mm or 16.54" X 3.78" X 12.33"
Weight	5.2 kg (11.4 lb)
Accessories	Power cord (2 m (6.56 ft)).....1 USB cable (3 m (9.84 ft)).....1 Speaker out removable terminal plug (5 mm, 3 pins).....1

Option	Rack mounting bracket: MB-25B Extension cord: YR-790-3-AS, YR-790-10-AS Wireless tuner module WTU-M9800 with 5000 series wireless microphones
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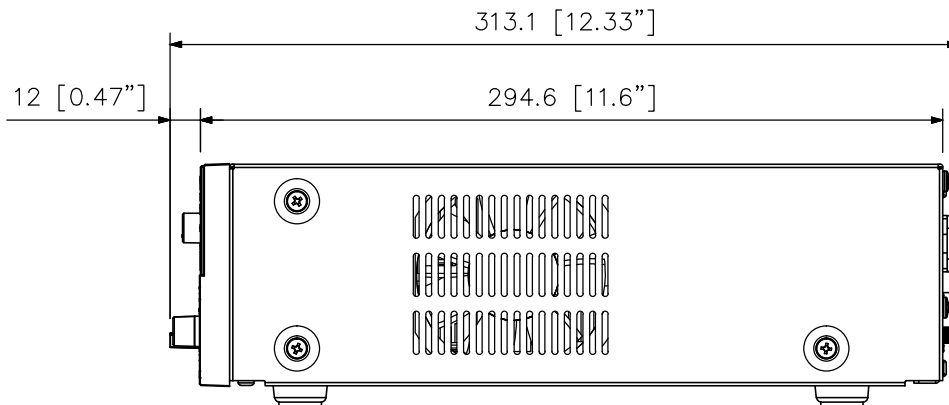
■ APPEARANCE



Front View



Rear View



Side View

UNIT:mm SCALE:1/3