



TS-790 Series Conference System



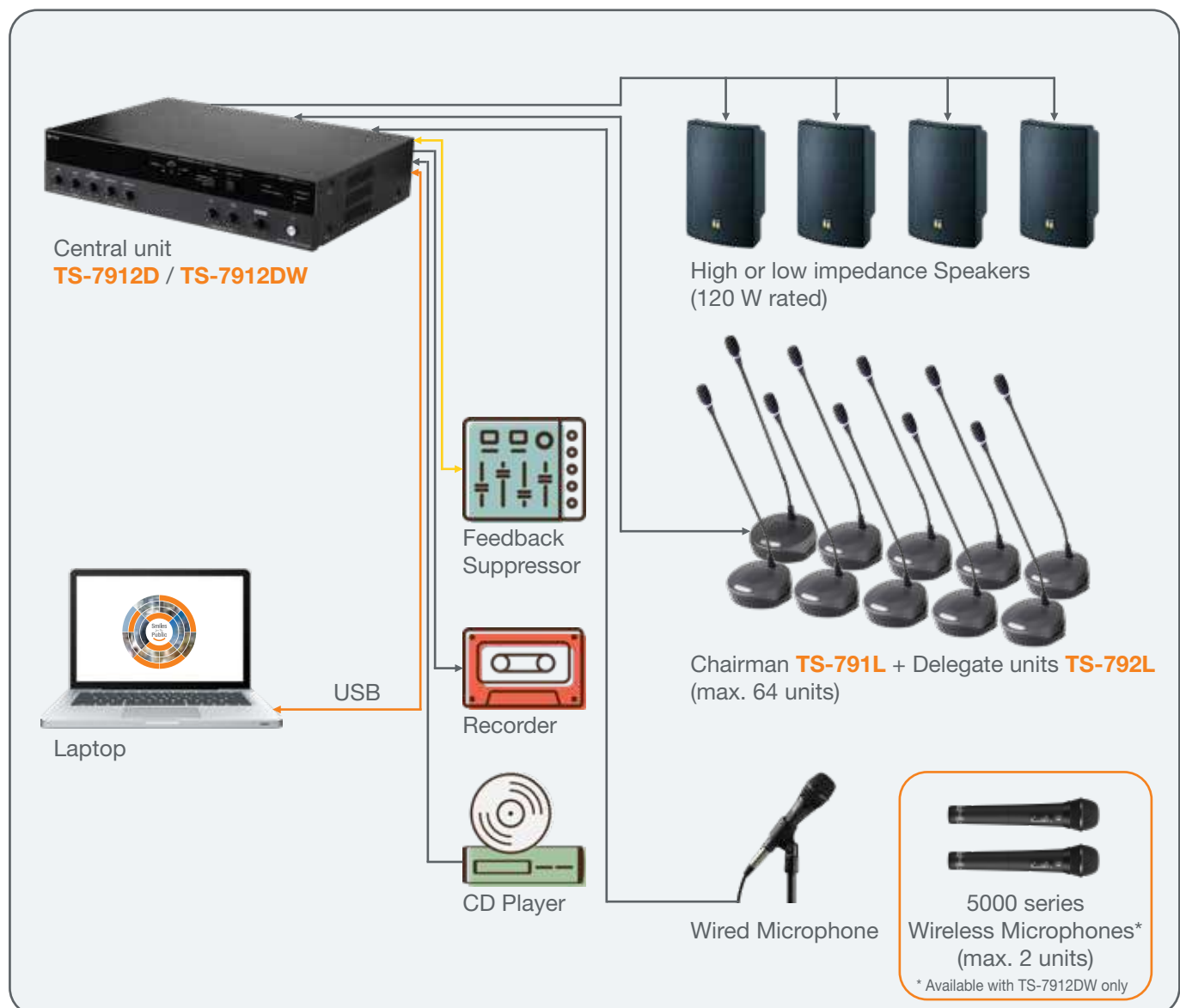
TS-790 Series Conference System



System Benefits

- Convenient and compact all-in-one, plug-and-play system
- Built-in 120W Class D Amplifier with selectable high or low output
- Easy speaker identification with blue LED indicator on microphone
- TS-7912DW equipped with 2 tuner slots for connection with wireless mic system
- Up to 64 units can be connected per Central Unit
 - Suitable for medium-scale corporate boardrooms and meeting rooms
- USB audio interface for web meetings or audio recording
- Test function allows connections to be accurately verified

System Example



Product Specifications



TS-7912D Central Unit		TS-7912DW Central Unit	
Power Source	100 - 240 V AC, 50/60 Hz		
Rated Output	120 W (speaker output)		
Power / Current Consumption	230 W (rated output, 64 units) 81 W (1/8 of rated output, 64 units) 200 mA or less (when power switch is OFF)	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 ±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: -60 dB* (unbalanced) / -41 dB* (balanced) selectable, 600 Ω, Ø 6.3mm phone jack Note: MIC input is equipped with phantom power (24 V DC, ON/OFF switchable) AUX IN: -20 dB*, 10 kΩ, unbalanced, RCA pin jack x 2	Mic: -60 dB* (unbalanced) / -41 dB* (balanced) selectable, 600 Ω, Ø 6.3mm phone jack Note: MIC input is equipped with phantom power (24 V DC, ON/OFF switchable) AUX IN: -20 dB*, 10 kΩ, unbalanced, RCA pin jack x 2 Module 1, 2: -20 dB*, 10 kΩ, compatible Wireless Tuner Module WTU-M9800	
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: -10 dB*, 10 kΩ, unbalanced, RCA pin jack x 2		
Equalizer RETURN/SEND Terminal	-10 dB*, 10 kΩ, unbalanced, RCA pin jack, ON/OFF switchable		
Video Conference IN/OUT Terminal	-10 dB*, 10 kΩ, 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	LINE 1, 2: 8 pins DIN Socket		
No. 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, SPEAKER volume, Microphone and Monitor speaker of Conference Unit volume, CHIME volume	MIC volume, AUX volume, VIDEO CONFERENCE volume, MODULE 1 volume, MODULE 2 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)		
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	5.2 kg	
Accessory	Power Cord (2 m) x 1 USB Cable (3 m) x 1 Speaker out removable terminal plug (5 mm, 3 pins) x 1		
Option	Rack mounting bracket: MB-25B Extension Cord: YR-790-3, YR-790-10	Rack mounting bracket: MB-25B Extension Cord: YR-790-3, YR-790-10 Wireless Tuner Module: WTU-M9800 with 5000 series Wireless Microphones	

* 0 dB = 1 V



TS-791L Chairman Unit		TS-792L Delegate Unit
Power Source	36 V DC, 30 mA or less (supplied from Central Unit TS-7912D, TS-7912DW)	
Output	Headphone/Recording: Ø3.5 mm, mini jack (3P: monaural) x 2 Internal Speaker: 130 Ω, 200 mW	
Control	Speech: Microphone, speaker on-off control by speech button Priority: Microphone, speaker on-off, other microphone cut off and single-tone chime activation by priority button Volume control: Headphone/Recording and internal speaker volume adjustable x 2	Speech: Microphone, speaker on-off control by speech button Volume control: Headphone/Recording and internal speaker volume adjustable x 2
Microphone Unit	Electret condenser microphone Unidirectional 1.8 kΩ -37 dB (1 kHz, 0 dB = 1 V/Pa) 100 Hz - 13 kHz Speech indicator (ring type), Blue 518 mm / 105 g	
Finish	Upper case: ABS resin, metallic grey, paint Lower case: ABS resin, black	
Dimensions	145.3 (W) x 70.7 (H) x 150.5 (D) mm (excluding microphone unit)	
Weight	800 g (excluding microphone unit)	
Accessory	Long microphone unit x 1	
Option	Extension cord: YR-790-3, YR-790-10	

Other System Components

Extension Cord

YR-790-3



YR-790-10



Rack Mount Bracket

MB-25B



Compatible 5000 Series UHF wireless microphones and tuner

Microphones

WM-5420



WM-5270



WM-5265



WM-5225



Transmitter

WM-5325*



* Use with either:
- YP-M5300 (Lavalier)
- YP-M5310 (Lavalier)
- WH-4000H (Headset)

Tuner

WTU-M9800



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