



Conference Systems



TS-690
Series

TS-780
Series



Simple and Compact Wired Conference System

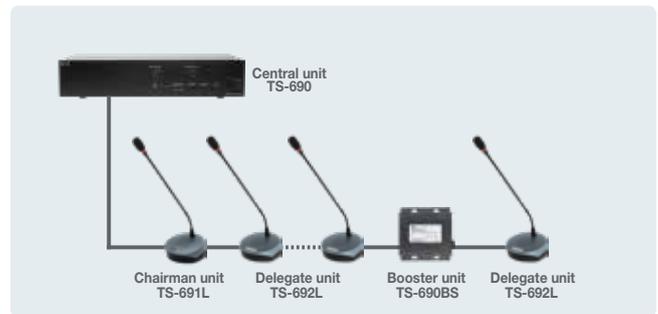
TS-690 Series Conference System



System Benefits

- Plug-and-play system.
- Up to 24 units can be connected per Central Unit. The use of Booster Unit, TS-690BS, max. 30 units can be connected.
- Suitable for small-scale corporate boardrooms and meeting rooms.
- Test function allows connections to be accurately verified.
- Connect a recording device for high-quality audio recording of conferences.
- Compact and stable hardware design.

System Example



* 0 dB = 1 V

	TS-690 Central Unit
Power Source	220 - 240 V AC, 50/60 Hz
Power Consumption	20 W
Rated Output	36 V DC, 480 mA
Input	Selectable MIC or AUX Mic: -60dB*, 600 Ω, unbalanced, phone jack AUX: -20 dB*, 10k Ω, unbalanced, phone jack
Output	Recording: -20dB*, 10k Ω, unbalanced, RCA jack
No. of connectable Chairman/Delegate Unit	Max. 24 units
Control	Priority speech chime: Operation of TS-691L-AS priority button activates a single-tone chime Speaker restriction: No. of simultaneous-usable TS-692L-AS can be set to 0 - 3 Automatic Mic-off function: Off, 30 sec. (selectable)
Applicable Unit	TS-691L-AS / TS-692L-AS
Finish	Panel: Aluminum, black, 30% gloss, paint Case: Steel plate, black, 30% gloss, paint
Dimensions (W x H x D)	420 x 96.1 x 222.5 mm
Weight	2.7 kg
Accessory	Power Cord (2m) x 1

	TS-691L Chairman Unit with Long Microphone	TS-692L Delegate Unit with Long Microphone
Power Source	36 V DC, 30 mA or less (supplied from Central Unit TS-690-AS)	
Output	Headphone/Recording: Ø3.5mm, mini jack (3P: monaural) 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	Speech: Microphone, speaker on-off control by speech button Volume control: Headphone/Recording and internal speaker volume adjustable
Microphone Unit	Electret condenser Unidirectional 1.8k Ω -37 dB (1kHz, 0 dB = 1V/Pa) 100 Hz - 13 kHz 518 mm / 105 g	
Finish	Upper case: ABS resin, metallic grey, paint Lower case: ABS resin, black	
Dimensions (W x H x D)	145.3 x 70.7 x 150.5 mm (excluding microphone unit)	
Weight	800 g (excluding microphone unit)	
Accessory	Long microphone unit x 1	

Built-in MP3 Recorder for Quick Conference Recording

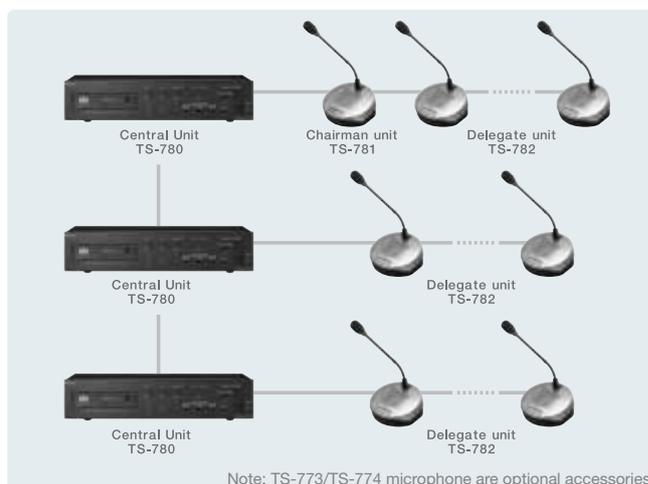
TS-780 Series Conference System



System Benefits

- Plug-and-play system.
- Up to 64 units can be attached to a single Central Unit.
- System expandable to 192 units by connection of 3 Central Units.
- Test function allows connections to be accurately verified.
- Conferences can be recorded onto SD card or external recording device.
- Built-in feedback suppressor for more efficient reduction of acoustic feedback.
- External equalizing capability.
- Compact and stable hardware design.

System Example



	TS-780 Central Unit
Power Source	220 - 240 V AC, 50/60 Hz
Power Consumption	60 W
Rated Output	36 V DC, 650 mA x 2
Input	Mic: -60 dB*, 600 Ω, unbalanced, phone jack AUX: -20 dB*, 10 kΩ, unbalanced, phone jack
Output	Recording: -20 dB*, 10 kΩ, unbalanced, phone jack, pin jack x 2 Headphones: Mini jack
Equalizer Insertion Input Terminal	Input: 0 dB*, 10 kΩ, pin jack Output: 0 dB*, 10 kΩ, pin jack
Expansion Input and Output Terminal	Input: 0 dB*, 10 kΩ, unbalanced, pin jack x 2 Output: 0 dB*, 10 kΩ, unbalanced, pin jack x 2 Control: 10 kΩ or more, voltage output, pin jack x 2
Control	Priority speech chime: Operation of TS-781's priority button activates a single-tone chime Speaker restriction: No. of simultaneous-usable TS-782s can be set to 0 - 4 Automatic Mic-off function: Off, 30 sec. (selectable) Feedback Suppressor function (FBS): EXT, OFF, AUTO, MANUAL mode (selectable) MP3 recording and playback
Finish	Panel: Aluminum, black, 30% gloss, paint Case: Steel plate, black, 30% gloss, paint
Dimensions (W x H x D)	420 x 96.1 x 222.6 mm
Weight	3 kg
Accessory	Power Cord (2m) x 1

	TS-781 Chairman Unit	TS-782 Delegate Unit
Power Source	36 V DC, 30 mA or less (supplied from Central Unit TS-780)	
Output	Headphone/Recording: 32 Ω (headphone) / 10 kΩ, -20 dB* (recording), unbalanced, mini jack (with VR) x 2 Internal Speaker: 130 Ω, 200 mW (with Volume control)	
Control	Speech: Microphone, speaker on-off control by speech switch Priority: Microphone, speaker on-off, other microphone cut off and single-tone chime activation	Speech: Microphone, speaker on-off control by speech switch
Finish	Upper case: ABS resin, silver, paint Lower case: ABS resin, black	
Dimensions (W x H x D)	145.3 x 70.7 x 150.5 mm	
Weight	800 g	
Option	Extension cord: YR-780-2M, YR-780-10M Microphone: TS-773 (standard), TS-774 (long) (select either one)	

* 0 dB = 1 V

Other System Components

For TS-690 and TS-780 series

Extension Cord

YR-780-2M

YR-780-10M



Rack Mount Bracket

MB-23B



For TS-690 series only

Booster Unit

TS-690BS



For TS-780 series only

Microphone

TS-773

TS-774



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