# Conference Systems

## Wired or Wireless Units for System Flexibility
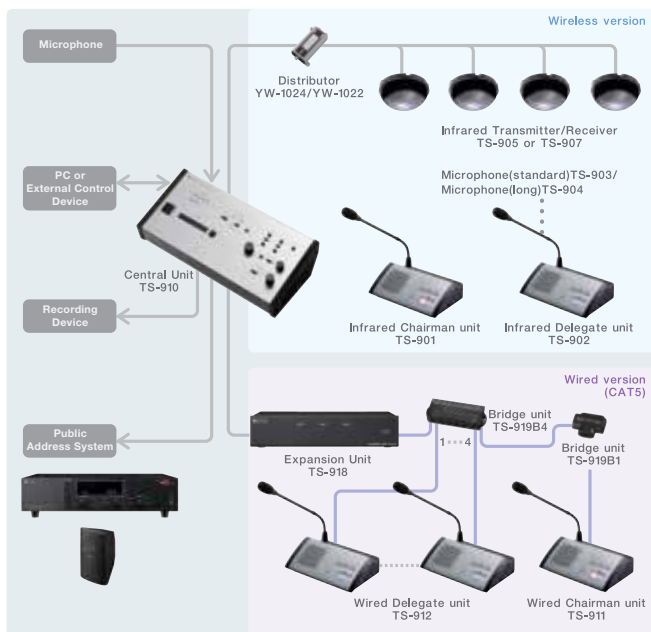### TS-910 Series



### System Benefits

- No worries about radio interference, eavesdropping, or information leakage, thanks to wireless system's IR communication method.
- Versatile Cat 5 cable connection available for wired units.
- Suitable for either permanent or temporary installation.
- Failure in one terminal unit does not affect other units.
- System can be controlled by external equipment via RS-232C and USB port.
- Individual control of units possible by assigning unit addresses.
- Exceptional sound quality.
- Connect a recording device for high-quality audio recording of conferences.
- Triple choice vote function.
- Bilingual conference capability.
- Built-in feedback suppressor for more efficient reduction of acoustic feedback.
- Stable and stylish hardware design.
- When speaker is on, chairman/delegate unit mic is turned off automatically to avoid feedback, and vice versa.
- Management & Voting Software compatibility
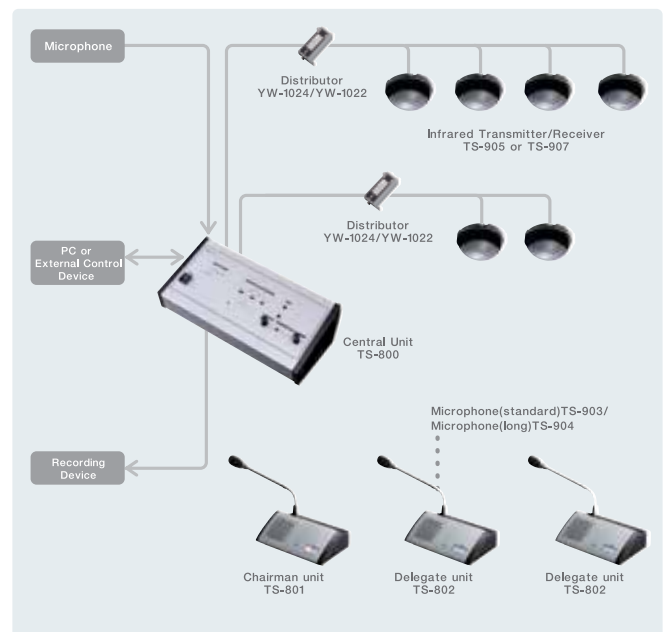
### System Example



## Easy Cable-Free Installation
### TS-800 Series



### System Benefits

- Flexible and easy configuration in different rooms and with varied participant numbers.
- No worries about radio interference, eavesdropping, or information leakage thanks to IR communication method.
- Suitable for either permanent or temporary installation.
- System can be controlled by external equipment via RS-232C.
- Individual control of units possible by assigning unit addresses.
- Exceptional sound quality.
- Connect a recording device for high-quality audio recording of conferences.
- Stable and stylish hardware design.
- When speaker is on, chairman/delegate unit mic is turned off automatically to avoid feedback, and vice versa.

### System Example
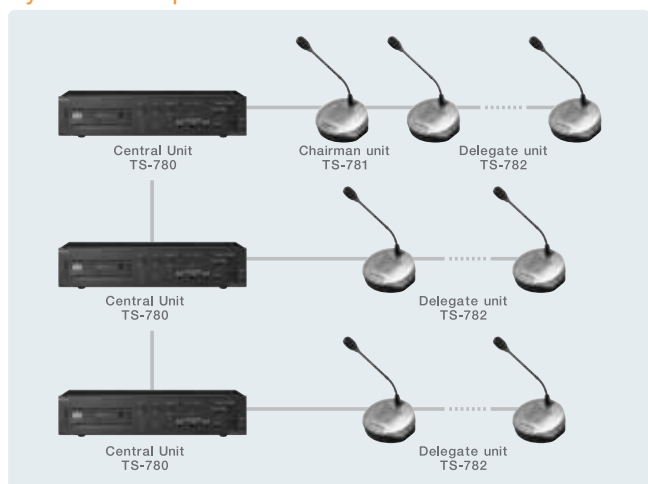
## Built-in MP3 Recorder for Quick Conference Recording

### TS-780 Series

#### 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

Central Unit TS-780 · Chairman unit TS-781 · Delegate unit TS-782

Central Unit TS-780 · Delegate unit TS-782

Central Unit TS-780 · Delegate unit TS-782
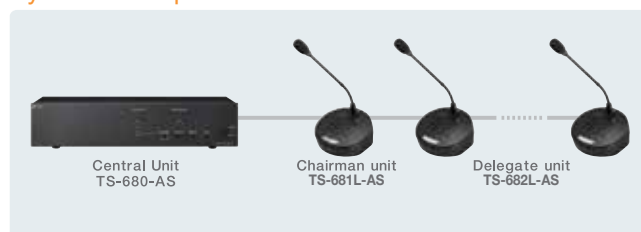
## Simple and Compact Wired Conference System

### TS-680 Series

#### System Benefits
> Plug-and-play system.
> Up to 24 units can be connected per Central Unit.
> 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.
> Both Chairman and Delegate unit comes with a long microphone as a standard accessory.

#### System Example

Central Unit TS-680-AS · Chairman unit TS-681L-AS · Delegate unit TS-682L-AS

## Other System Components

### TS-910 Series

Bridge Unit
TS-919B1          TS-919B4

Expansion Unit
TS-918

### TS-780/680 Series

Microphone
TS-773   TS-774

Extension Cord
YR-780-2M   YR-780-10M

### TS-910/800 Series

Microphone
TS-903   TS-904

Infrared Transmitter / Receiver
TS-905
Ceiling height: 2.5 - 4.5m
TS-907
Ceiling height: 5 - 7m

Rechargeable Lithium-ion Battery
BP-900

Distributor
YW-1022
(to 2 outputs)
YW-1024
(to 4 outputs)

Rack Mount Bracket
MB-TS900

Battery Charger
BC-900

AC Adapter
AD-0910

| | TS-910 Central Unit | TS-800 Central Unit |
|---|---|---|
| Input | 2 x Mic: -60dB*, 600 ohms, unbalanced, phone jack<br>3 x AUX: -20 dB*, 10k ohms, unbalanced, phone jack | 1 x Mic: -60dB*, 600 ohms, unbalanced, phone jack<br>1 x AUX: -20 dB*, 10k ohms, unbalanced, phone jack |
| Output | 1 x Line: -20dB*, unbalanced, phone jack<br>2 x Recording: -20dB*, 10k ohms, unbalanced, phone jack/RCA pin jack<br>1 x Headphone: mini jack | 2 x Recording: -20dB*, 10k ohms, unbalanced, phone jack/RCA pin jack<br>1 x Headphone: mini jack |
| External EQ | Input: -20dB*, 10k ohms, RCA pin jack<br>Output: -20dB*, 10k ohms, RCA pin jack | - |
| No. of connectable Chairman/Delegate Unit | 192 | 64 |
| External Control Terminal | D-sub connector (9P, male)/USB-B selectable | D-sub connector (9P, male) |
| Function Switch | Speaker restriction: set to 1,2,3 and 4<br>Mic-off function: off or on (selectable)<br>Speech priority selector A/B/C<br>A: First-in-first-out, B: Last-in-first-out, C: Fixed for the first unit and last-in-last out for the subsequent units<br>FBS selection: External/Off/Auto/Manual | Speaker restriction: set to 1,2 and 4<br>Mic-off function: off or on (selectable)<br>Speech priority selector A/B/C<br>A: First-in-first-out, B: Last-in-first-out, C: Fixed for the first unit and last-in-last out for the subsequent units |
| Applicable Unit | TS-901/902/911/912, TS-801/802/811/812 | TS-801/802 |
| Dimensions | 359(W) x 118.8(H) x 179.8(D) mm (14.13" x 4.68" x 7.08") | 359(W) x 118.8(H) x 179.8(D) mm (14.13" x 4.68" x 7.08") |
| Weight | 2.8 kg (6.17 lb) | 2.7 kg (5.95 lb) |

| | TS-901 Chairman Unit | TS-902 Delegate Unit | TS-801 Chairman Unit | TS-802 Delegate Unit | TS-911 Chairman Unit | TS-912 Delegate Unit | TS-811 Chairman Unit | TS-812 Delegate Unit |
|---|---|---|---|---|---|---|---|---|
| Power Source | 7.4V DC (battery) or 9V DC (AD-0910 AC adapter) | | | | 24V DC (supplied from the optional TS-918 Expansion Unit) | | | |
| Input | Microphone terminal: XLR-4-31 type | | | | | | | |
| Output | Monitor speaker: 8 ohms, 0.2W<br>Headphone: Mini jack x 2 | | | | | | | |
| Battery Life | Approx. 10 hours | | | | - | | | |
| Connection Terminal | - | | | | RJ45 connector | | | |
| Function | Monitor speaker volume<br>Headphone volume<br>Priority speech function<br>Voting function<br>Monitor selector switch | Monitor speaker volume<br>Headphone volume<br>Voting function<br>Monitor selector switch | Monitor speaker volume<br>Headphone volume<br>Priority speech function | Monitor speaker volume<br>Headphone volume | Monitor speaker volume<br>Headphone volume<br>Priority speech function<br>Voting function<br>Monitor selector switch | Monitor speaker volume<br>Headphone volume<br>Voting function<br>Monitor selector switch | Monitor speaker volume<br>Headphone volume<br>Priority speech function | Monitor speaker volume<br>Headphone volume |
| Dimensions | 210(W) x 65.9(H) x 152(D) mm (8.27" x 2.59" x 5.98") | | | | | | | |
| Weight | 640g (1.41 lb) | | | | | | | |

| | TS-780 Central Unit | TS-680-AS Central Unit |
|---|---|---|
| Input | 1 x Mic: -60dB*, 600 ohms, unbalanced, phone jack<br>1 x AUX: -20 dB*, 10k ohms, unbalanced, phone jack | 1 x Mic: -60dB*, 600 ohms, unbalanced, phone jack<br>1 x AUX: -20 dB*, 10k ohms, unbalanced, phone jack |
| Output | 3 x Recording: -20dB*, 10k ohms, unbalanced, phone jack/RCA pin jack x 2<br>1 x Headphone: mini jack | 1 x Recording: -20dB*, 10k ohms, unbalanced, RCA pin jack |
| External EQ | Input: -20dB*, 10k ohms, RCA pin jack<br>Output: -20dB*, 10k ohms, RCA pin jack | - |
| No. of connectable Chairman/Delegate Unit | 192 | 24 |
| Function Switch | Speaker restriction: Delegate unit's simultaneous operation set to 0,1,2,3 and 4<br>Mic-off function: off or 30 sec. (selectable)<br>FBS selection: External/Off/Auto/Manual<br>MP3 recording and playback | Speaker restriction: Delegate unit' simultaneous operation set to 0, 1, 2 and 3<br>Mic-off function: off or 30 sec. (selectable) |
| Applicable Unit | TS-781/782 | TS-681L-AS/682L-AS |
| Dimensions | 420(W) x 96.1 (H) x 226.2(D) mm (16.54" x 3.78" x 8.91") | 420(W) x 96.1 (H) x 222.5(D) mm (16.54" x 3.78" x 8.76") |
| Weight | 3 kg (6.61 lb) | 2.7 kg (5.95 lb) |

| | TS-781 Chairman Unit | TS-782 Delegate Unit | TS-681L-AS Chairman Unit | TS-682L-AS Delegate Unit |
|---|---|---|---|---|
| Power Source | 35V DC (supplied from TS-780 Central Unit) | | 36V DC (supplied from TS-680-AS Central Unit) | |
| Input | Microphone terminal: XLR-4-31 type | | | |
| Output | Monitor speaker: 130 ohms, 200 mW<br>Headphone/Recording: Mini jack x 2 | | Monitor speaker: 130 ohms, 200 mW<br>Headphone/Recording: Mini jack x 1 | |
| Microphone Unit | - | | Electret condenser microphone | |
| Connection Terminal | DIN 8P connector | | | |
| Function | Monitor speaker volume<br>Headphone volume<br>Priority speech function | Monitor speaker volume<br>Headphone volume | Monitor speaker volume<br>Headphone volume<br>Priority speech function | Monitor speaker volume<br>Headphone volume |
| Dimensions | 145.3 (W) x 70.7 (H) x 150.5(D) mm (5.72" x 2.78" x 5.93") | | | |
| Weight | 800 g (1.76 lb) | | | |

| Other System Components | | |
|---|---|---|
| TS-910 Series | TS-918 Expansion Unit | |
| | TS-919B4 Bridge Unit | |
| | TS-919B1 Bridge Unit | |
| | MB-15B-BK Rack Mount Bracket | Bracket for TS-918 |
| | MB-15B-J Rack Mount Bracket | Bracket for TS-918 |
| TS-910/800 Series | TS-903 Microphone | 368 mm (1.21ft) length |
| | TS-904 Microphone | 518 mm (1.7ft) length |
| | TS-905 Infrared Transmitter/Receiver | 150 (vert.) x 360 (hor.) reception angle |
| | TS-907 Infrared Transmitter/Receiver | 90 (vert. ) x 360 (hor.) reception angle |
| | BP-900 Rechargeable Lithium-ion Battery | |
| | BC-900 Battery Charger | |
| | AD-0910 AC Adapter | |
| | YW-1022 Distributor | to 2 outputs |
| | YW-1024 Distributor | to 4 outputs |
| | MB-TS900 Rack Mount Bracket | Bracket for TS-910/800 |

| Other System Components | | |
|---|---|---|
| TS-780 Series | TS-773 Microphone | 368 mm (1.21ft) length |
| | TS-774 Microphone | 518 mm (1.7ft) length |
| TS-780/680 Series | YR-780-2M Extension Cord | 2 m (6.56ft) length |
| | YR-780-10M Extension Cord | 10 m (32.81ft) length |
| | MB-23B Rack Mount Bracket | Bracket for TS-780 and TS-680-AS |

| Software Components (Optional) | |
|---|---|
| TS-910 Series | Management & Voting Software (not included) |

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