



# Conference Systems





# Stand-alone TOA conference systems

are designed for maximum reliability and ease of use.

Built with a minimum of complexity to enable trouble-free installation and operation, these systems enable conferences to be set up and staged quickly and effectively.



TOA began developing conference systems in 1978.

Over the years, we have accumulated a wealth of experience and achievements that have earned our company an excellent reputation for providing highly reliable systems that are easy to use.

At TOA, we will continue to offer a full product lineup to support the smooth management of conferences.

# Advanced Conference System



## Wired or Wireless Units for System Flexibility

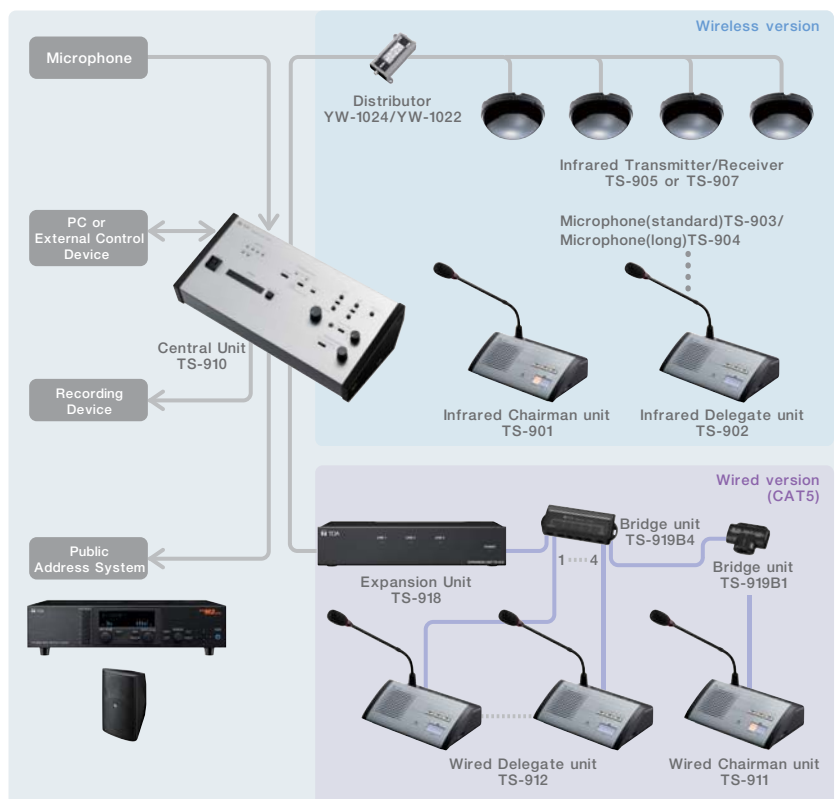
### TS-910 series



#### 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.

#### System Example



# with Added Security and Flexibility



## Easy Cable-Free Installation

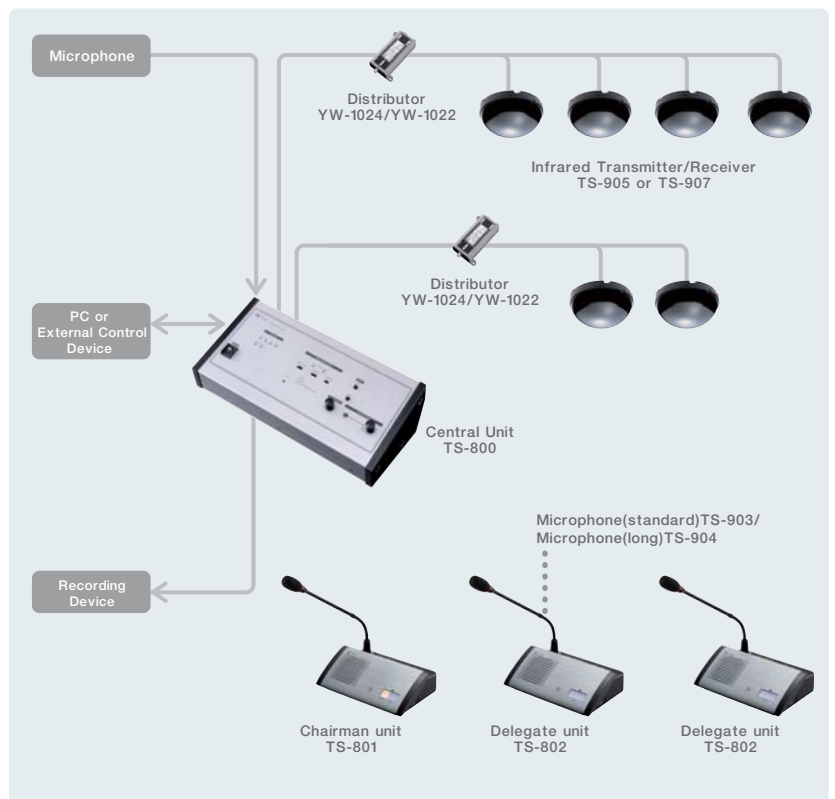
### TS-800 series



#### 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



# Superb Conference Functionality in an Easy and Affordable System



## Built-in MP3 Recorder for Quick Conference Recording

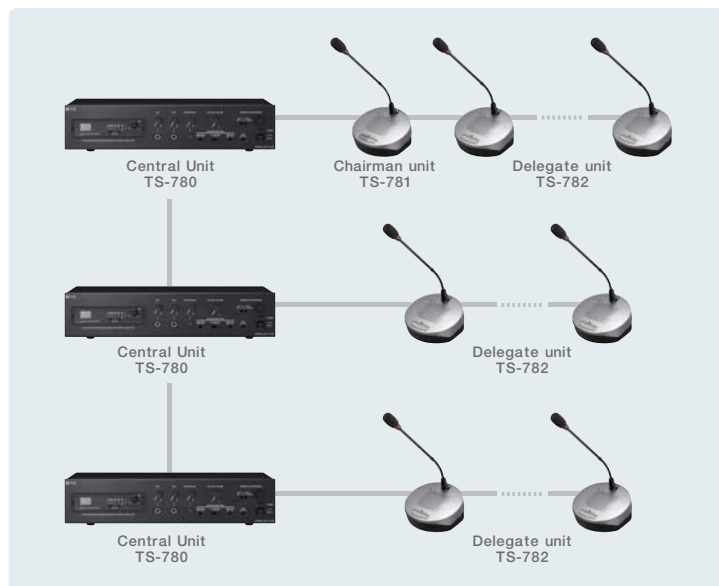
### TS-780 series



#### 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



## Simple and Compact Wired Conference System

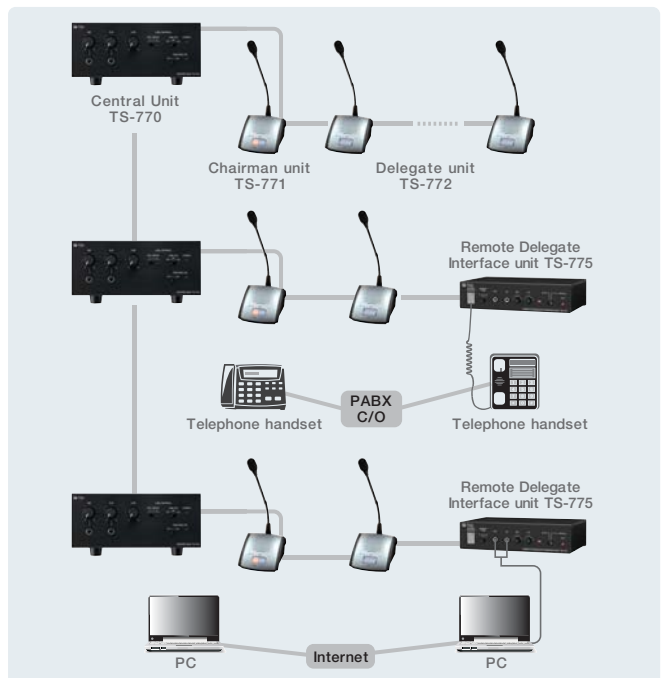
### TS-770 series



#### System Benefits

- Plug-and-play system.
- Up to 70 units can be attached to a single Central Unit.
- System expandable to 210 units by connection of 3 Central Units.
- Connect a recording device for high-quality audio recording of conferences.
- Test function allows connections to be accurately verified.
- Remote Interface Unit facilitates teleconferences.

#### System Example



# Specifications

\*0dB = 1V

| 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  | -<br>-  |  |
| 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 184.7(D) mm (14.13" x 4.68" x 7.27")   | 359(W) x 118.8(H) x 184.7(D) mm (14.13" x 4.68" x 7.27")  |  |
| 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   |                      |  |                      | Microphone terminal: XLR-4-31 type   |  |  |  |
| Output               |                      |  |                      | Monitor speaker: 8 ohms, 0.2W<br>Headphone: Mini jack x 2                                |                      |  |                      | 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<br>Voting function<br>Monitor selector switch |                      | Monitor speaker volume<br>Headphone volume<br>Priority speech function<br>Voting function<br>Monitor selector switch |  | Monitor speaker volume<br>Headphone volume<br>Priority speech function<br>Voting function<br>Monitor selector switch |  |
| 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-770 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   | 3 x Recording: -20dB*, 10k ohms, unbalanced, phone jack/RCA pin jack x 2   |  |
| External EQ                               | Input: -20dB*, 10k ohms, RCA pin jack<br>Output: -20dB*, 10k ohms, RCA pin jack  | -<br>-   |  |
| No. of connectable Chairman/Delegate Unit | 192  | 210  |  |
| 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, 3 and 6<br>Mic-off function: off, 20 sec or 40 sec, (selectable) |  |
| Applicable Unit                           | TS-781/782   | TS-771/772   |  |
| Dimensions                                | 420(W) x 96.1 (H) x 226.2(D) mm (16.54" x 3.78" x 8.91")   | 210(W) x 107.1 (H) x 316 (D) mm (8.27" x 4.22" x 12.44")   |  |
| Weight                                    | 3 kg (6.61 lb)   | 4 kg (8.82 lb)   |  |

| TS-781 Chairman Unit | TS-782 Delegate Unit | TS-771 Chairman Unit  | TS-772 Delegate Unit |
|----------------------|----------------------|---|----------------------|
| Power Source         |                      | 35V DC (supplied from TS-780 Central Unit)  |                      |
| Input                |                      | Microphone terminal: XLR-4-31 type  |                      |
| Output               |                      | Monitor speaker: 130 ohms, 200 mW<br>Headphone/Recording: Mini jack x 1<br>Contact output: 24C DC, Max 50mA |                      |
| Connection Terminal  |                      | DIN 8P connector  |                      |
| Function             |                      | Monitor speaker volume<br>Headphone volume<br>Priority speech function                                      |                      |
| 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                       |
| TS-910/800 Series           | MB-15B-J Rack Mount Bracket             | Bracket for TS-918                       |
|                             | TS-903 Microphone                       | 368 mm (1.21 ft) length                  |
|                             | TS-904 Microphone                       | 518 mm (1.7 ft) 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 (1.21 ft) length |
|                         | TS-774 Microphone                | 518 mm (1.7 ft) length  |
|                         | YR-780-2M Extension Cord         | 2 m (6.56 ft) length    |
|                         | YR-780-10M Extension Cord        | 10 m (32.81 ft) length  |
| TS-770 Series           | MB-23B Rack Mount Bracket        |                         |
|                         | TS-773 Microphone                | 368 mm (1.21 ft) length |
|                         | TS-774 Microphone                | 518 mm (1.7 ft) length  |
|                         | YR-770-2M Extension Cord         | 2 m (6.56 ft) length    |
|                         | YR-770-10M Extension Cord        | 10 m (32.81 ft) length  |
|                         | TS-775 Remote Delegate Interface |                         |

# Other System Components

## TS-910 Series

Bridge Unit



TS-919B1



TS-919B4

Expansion Unit



TS-918

## 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

Battery Charger



BC-900

AC Adapter



AD-0910

Distributor



YW-1022  
(to 2 outputs)



YW-1024  
(to 4 outputs)

Rack Mount Bracket



MB-TS900

## TS-780 Series

Microphone



TS-773



TS-774

Extension Cord



YR-780-2M



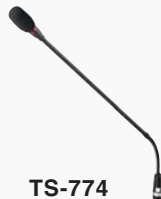
YR-780-10M

## TS-770 Series

Microphone



TS-773



TS-774

Extension Cord



YR-770-2M



YR-770-10M

Remote Delegate  
Interface Unit



TS-775