



Installation could not be easier thanks to TOA's tested and proven wireless infrared system. IR transmission, coupled with TOA audio quality provides a robust wireless conference system that can be adapted to fit any size room.

INFRARED WIRELESS CONFERENCE SYSTEM

TS-820 / 920 Series



Professional and Practical
Upgrade your boardroom to executive mode

Minimal Footprint

With its pyramid-shaped contour, the station blend beautifully with any decor.



Solid Construction / Solid Sound.

Solid Construction/ Solid Sound

The newly designed case provides exceptional sound quality

Excellent Coherence and Intelligibility

Speaker and microphone are close to the listener/ presenter to minimize the effort of room acoustics and ambient noise.

High Conference Quality with Low Visual Impact

The pyramid shape minimizes the surface area obstructing other participant's view.

High Audio Quality

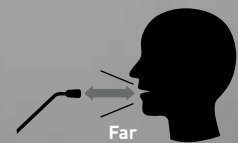
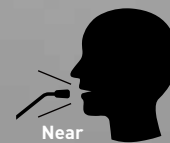
Carefully designed audio processing and hardware for the best audio performance

Go ahead, turn it up

Advanced feedback suppressor minimizes acoustic feedback.

Feel free to move

Auto Gain Control function provides uniform sound volume by adjusting the gain based on how loud or soft the person's voice is.

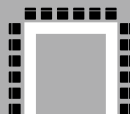


Easy to Manage System



Wireless Units for System Flexibility

Wireless feature makes the system ideal for any conference room layout.

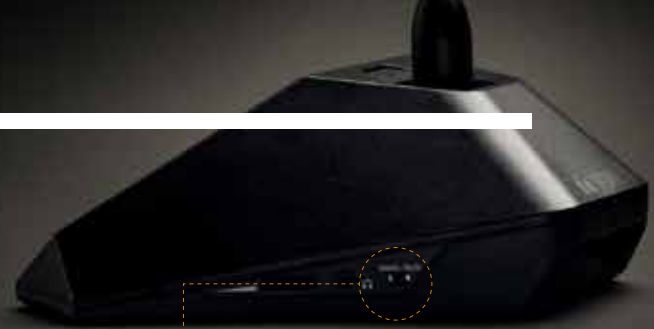


Selectable Microphones

Long or short microphones can be used depending on requirements.



Key Functions



4 2-language conference capability
*TS-920 Series only



5 3-choice voting function for quick voting and vote counting
*TS-920 Series only



1 Selectable number of open microphones

2 Three microphone operating modes

3 Mic auto-off function automatically turns off the mic after 30-second silence

TS-920RC



Built-in audio recording

Conference can be recorded in mp3 format on a widely available USB drives or internal memory.

*When TS-920RC is used.



*Image is for illustration purposes only.



External Control

Available remote control protocol enables conference control by custom-made software as well as integration with other devices such as cameras.



System Configuration / Components

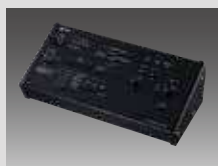
TS-920 Series



Dual Language

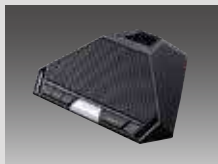
Max 192 Conference units

Voting



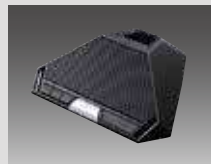
TS-920RC Central Unit with recording function

- System Controller
- Up to 192 conference unit controllable
- 2 x Mic In (Main/Sub), 3 x Aux In (Main/Sub/Main and Sub) Line Out, Rec Out, Headphone monitor out, EQ in/out
- Function setting – Number of open microphones, Auto mic-off function, Microphone priority selector, Feedback suppressor
- Recording capability to USB and internal memory
- Voting result indicator
- Rack-mountable with optional MB-TS920 bracket



TS-921 Chairman Unit

- Chairman unit for basic discussion
- Priority button
- Equipped with voting function
- 0.2W monitor speaker
- Audio monitoring switch (Main or Sub)
- 2 headphone jacks with individual volume control
- Approx. 10 hours continuous operation with the use of optional rechargeable lithium-ion battery



TS-922 Delegate Unit

- Delegate unit for basic discussion
- Equipped with voting function
- 0.2W monitor speaker
- Audio monitoring switch (Main or Sub)
- 2 headphone jacks with individual volume control
- Approx. 10 hours continuous operation with the use of optional rechargeable lithium-ion battery

Common Components (TS-820/920 Series)



TS-923 Microphone

- Gooseneck microphone with two flexible sections
- Unidirectional electret condenser microphone
- LED mic status indicator
- XLR-4-32 connector
- Sensitivity: -37 dB (1 kHz, 0 dB = 1 V / PA)
- Frequency response: 100 Hz - 13 kHz
- Length: 470 mm (1.54 ft)



TS-924 Microphone (Long)

- Gooseneck microphone with two flexible sections
- Unidirectional electret condenser microphone
- LED mic status indicator
- XLR-4-32 connector
- Sensitivity: -37 dB (1 kHz, 0 dB = 1 V / PA)
- Frequency response: 100 Hz - 13 kHz
- Length: 620 mm (2.03 ft)



TS-905 Infrared Transmitter/Receiver

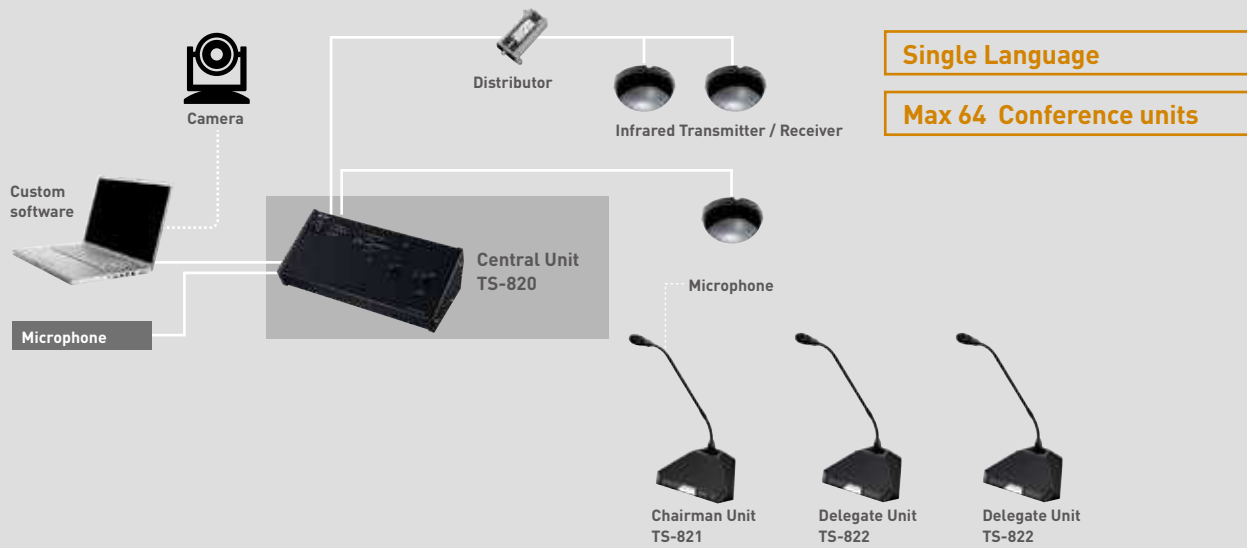
- IR communication link between the Central Unit and Chairman/ Delegate Unit
- Variety of mounting methods: ceiling, wall and microphone stand
- Designed for low ceiling applications, e.g. ceiling height 2.5 - 4.5 m (8.2 - 14.76ft)



TS-907 Infrared Transmitter/Receiver

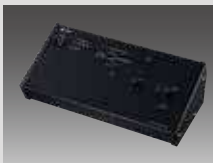
- IR communication link between the Central Unit and Chairman/ Delegate Unit
- Variety of mounting methods: ceiling, wall and microphone stand
- Designed for high ceiling applications, e.g. ceiling height 5.0 - 7.0m (16.4 - 22.97ft)

TS-820 Series



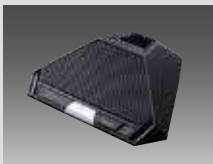
Single Language

Max 64 Conference units



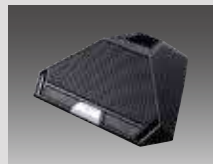
TS-820 Central Unit

- Main unit of the system
- Up to 64 conference units controllable
- Mic In, Aux In, Line Out, Rec Out, Headphone monitor out, EQ in/out
- Function setting – Number of open microphones, Auto mic-off function, Microphone priority selector, Feedback suppressor
- Rack-mountable with optional MB-TS920 bracket



TS-821 Chairman Unit

- Chairman unit for basic discussion
- Priority button
- 0.2W monitor speaker
- 2 headphone jacks with individual volume control
- Approx. 10 hours continuous operation with the use of optional rechargeable lithium-ion battery



TS-822 Delegate Unit

- Delegate unit for basic discussion
- 0.2W monitor speaker
- 2 headphone jacks with individual volume control
- Approx. 10 hours continuous operation with the use of optional rechargeable lithium-ion battery



YW-1022 Distributor

- Expands the number of Infrared Transmitter/ Receiver units that can be used on a system
- For 2-branch distribution



YW-1024 Distributor

- Expands the number of Infrared Transmitter/ Receiver units that can be used on a system
- For 4-branch distribution



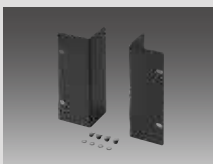
BP-900A Rechargeable Lithium-ion Battery

- Designed for use with the Chairman/Delegate Units
- Nominal Voltage: 7.2 VDC
- Weight: 95 g



BC-900 / BC-920 Battery Charger

- Dedicated battery charger for the BP-900A
- Permits up to 8 batteries to be simultaneously charged within up to 5 hours
- Finish: Steel, black, paint
- Weight: 1.2 kg



MB-TS920 Rack Mounting Bracket

- For use with TS-820 and TS-920RC



TOA Electronics, Inc

www.toaelectronics.com | www.toaelectronicsUSA.com

FREE DESIGN SERVICES
freedesign@toaelectronics.com

SALES GROUP
sales@toaelectronics.com

CUSTOMER SERVICE
orders@toaelectronics.com

PRODUCT SUPPORT
productsupport@toaelectronics.com

Specifications are subject to change without notice.
(1912) 833-61-100-55-00