

INFRARED TRANSMITTER/RECEIVER TS-905

Thank you for purchasing TOA's Infrared Transmitter/Receiver.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

This is a class A product.
In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

1. GENERAL DESCRIPTION

The TS-905 Infrared Transmitter/Receiver is designed for the TOA Infrared Conference Systems. It is connected to the Central unit, and permits communications between the Central unit and Chairman/Delegate units in the systems. Communications between the TS-905 and Chairman/Delegate units are performed by means of infrared signals.
For more information, refer to the instruction manual supplied with the Central unit.

2. SPECIFICATIONS

Power Source	24 V DC (supplied from the Central unit)	
Current Consumption	Max. 150 mA	
Infrared Emitter/Detector	Wavelength	870 nm (AM: Brightness modulation)
	Modulation Method	Frequency modulation
	Carrier Frequency	Transmission: Audio channel 1: 7.35 MHz Audio channel 2: 8.10 MHz Audio channel 3: 8.55 MHz Audio channel 4: 9.15 MHz Control channel: 6.45 MHz Reception: Base language channel: 1.95 MHz Translation language channel: 2.25 MHz
	Acceptance Angle	Vertical: 150° (75° + 75°), Horizontal: 360°
	Emission Angle	Vertical: 150° (75° + 75°), Horizontal: 360°
	Communication Area	Approx. 6 – 7 m (19.69 – 22.97 ft) in radius from the point underneath the unit (Ceiling height: 2.5 – 4.5 m or 8.2 – 14.76 ft)
Connection Terminal	BNC jack	
LED Indicator	Power	
Operating Temperature	0 to 40 °C (32 to 104 °F)	
Operating Humidity	90 %RH or less (no condensation)	
Finish	Dome: PC resin, visible light cut filter Base: ABS resin, black	
Dimensions	ø120 x 71.3 (h) mm (ø4.72" x 2.81")	
Weight	230 g or 0.51 lb (unit only)	

Note: The design and specifications are subject to change without notice for improvement.

• Accessories

Mounting bracket	1	W5/16 – W5/8 thread adapter	
Stand mounting bracket	1	(except for CE version)	1
Screw M3 x 6	3		

Traceability Information for Europe

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