TOA

INSTRUCTION MANUAL

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.

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 optional TS-800 or TS-900)
Current Consumption		Max. 100 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°
	Covering Range	7 m
Connection Terminal		BNC jack
LED Indicator		Power
Operating Temperature		0°C to 40°C
Finish		Dome: PC resin, visible light cut filter Base: ABS resin, black
Dimensions		ø120 x 71.3 (h) mm
Weight		230 g (unit only)

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

• Accessories
Mounting bracket 1
Stand mounting bracket 1
Screw M3 x 6 3

TOA Corporation

Printed in Japan
133-12-897-40