

TS-907

INFRARED TRANSMITTER/RECEIVER

The TS-907 Infrared Transmitter/Receiver of the Infrared Conference system is designed for high ceiling applications. Since the system is cordless, it can be easily installed and removed. Communications between the TS-907 and conference units are performed by means of infrared signals and the TS-907 permits transmit and receive with the Central unit. It can be mounted not only to the ceiling and wall but on the microphone stand.



Article number:TS-907

Specifications

Power source.	24 V DC supplied from the central unit
Power source.	24 V DC supplied from the central unit
Current consumption (value)	180,0 mA
Connection	BNC jack
Current consumption	180 mA
Finish.	ABS resin, black,

Appearance



TOA INFRARED TRANSMITTER/RECEIVER

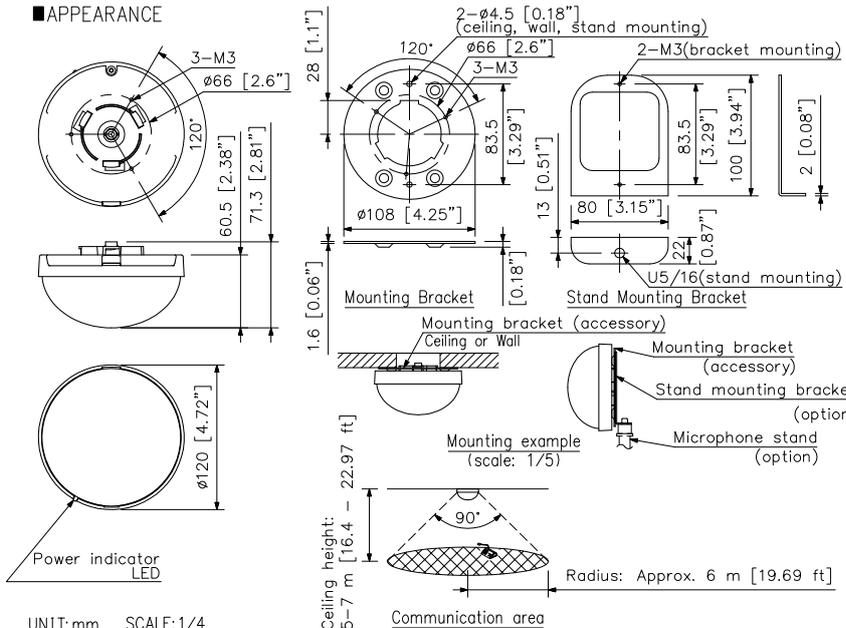
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DESCRIPTION
 The TS-907 Infrared Transmitter/Receiver of the Infrared Conference system is designed for high ceiling applications. Since the system is cordless, it can be easily installed and removed. Communications between the TS-907 and conference units are performed by means of infrared signals and the TS-907 permits transmit and receive with the Central unit. It can be mounted not only to the ceiling and wall but on the microphone stand.

SPECIFICATIONS

Power Source	24 V DC (supplied from the Central unit)
Current Consumption	Max. 180 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: 90° (45° + 45°), Horizontal: 360°
Emission Angle	Vertical: 90° (45° + 45°), Horizontal: 360°
Communication Area	Approx. 6 m (19.69 ft) in radius from the point underneath the unit (Ceiling height: 5 - 7 m (16.4 - 22.97 ft))
Connection Terminal	BNC jack
LED Indicator	Power
Operating Temperature	0 °C to +40 °C (32 °F 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 (4.72" x 2.81")
Weight	230 g (0.51 lb) (unit only)
Accessory	Mounting bracket-1, Stand mounting bracket-1, Stand mounting bracket attaching screw-3, Thread Adapter (U5/16 - NS5/8)-1
Option	Microphone stand (The mounting thread size must be U5/16 or NS5/8.)

APPEARANCE



UNIT:mm SCALE:1/4

Communication area
 Ceiling height: 5 - 7 m [16.4 - 22.97 ft]
 Radius: Approx. 6 m [19.69 ft]

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TOA Corporation

DWG No: GTS00QA1-5