

IR T1

Small Area Infrared Transmitter

Building on years of infrared expertise, Williams Sound is pleased to introduce the new IR T1 small-area infrared emitter. Its sleek, compact footprint is ideal as an assistive listening system for small areas or for private TV listening in such areas as small conference rooms, hospital rooms, assisted living facilities, medical treatment centers and jury deliberation rooms. The T1 is so energy efficient it can be powered from a standard USB port on a TV. Provides a coverage area of up to 1,300 square feet with a WIR RX22-4 receiver.



IR T1

Dimensions	Width: 5.65"(14.4 cm) Depth: 3.65"(9.3 cm) Height: 1.15"(2.9 cm)
Weight	8.3 oz (235 g)
Color	Black
Power Supply	TFP 055 – 100-240VAC 50/60Hz Input; 5VDC, 1A USB Output, Universal Supply with international adapters Other USB Power Supply (must be at least 5VDC, 0.2A)
Power Cable	USB to micro USB cable
DC Power Input	Micro USB connector, 5VDC, 0.2A
Power Indicator	Green LED
Sleep/Power Save Mode	Shuts off carrier when no audio present for 12 minutes
Modulation	FM Wideband, ±50 kHz deviation max, 50 µS pre-emphasis
Carrier Frequencies	2.3MHz (Ch 1) and 2.8MHz (Ch 2) Default at power on = carriers off. Carriers are automatically enabled upon presence of audio.
Coverage Area	1,300 sq. ft (120 sq. m.) with the WIR RX22-4 1000 sq. ft. (93 sq. m.) with the IR RX20

Audio Inputs:	3.5mm stereo line level input jack, Ch 1 connected to tip, Ch 2 connected to ring, GND connected to sleeve
Audio Indicators	One Yellow LED per channel, lights up and stays on steady with minimum audio level.
Signal-to-Noise Ratio:	70 dB at onset of limiting
Frequency Response	100 - 12,000 Hz
Operating Requirements	32°-122°F (0-50°C)
Mounting Kit	Optional: STD 008 TV Top Shelf Mounting Kit Optional: BKT 024 Omnidirectional mount for wall or ceiling mounting
Compatible Receivers	WIR RX22-4, IR RX20
Warranty:	2 years
Approvals/Regulatory Compliance:	CE, RCM, FCC, Industry Canada, PSE, CUL, WEEE, RoHS, CB Scheme

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NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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