

# 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 1000 square feet.


**IR T1**

<b>Dimensions</b>	Width: 5.65"(14.4 cm) Depth: 3.65"(9.3 cm) Height: 1.15"(2.9 cm)
<b>Weight</b>	8.3 oz (235 g)
<b>Color</b>	Black
<b>Power Supply</b>	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)
<b>Power Cable</b>	USB to micro USB cable
<b>DC Power Input</b>	Micro USB connector, 5VDC, 0.2A
<b>Power Indicator</b>	Green LED

<b>Sleep/Power Save Mode</b>	Shuts off carrier when no audio present for 12 minutes
<b>Modulation</b>	FM Wideband, ±50 kHz deviation max, 50 µS pre-emphasis
<b>Carrier Frequencies</b>	2.3MHz (Ch 1) and 2.8MHz (Ch 2) Default at power on = carriers off. Carriers are automatically enabled upon presence of audio.
<b>Coverage Area</b>	1,000 sq. ft (93 sq. m.)
<b>Audio Inputs:</b>	3.5mm stereo line level input jack, Ch 1 connected to tip, Ch 2 connected to ring, GND connected to sleeve
<b>Audio Indicators</b>	One Yellow LED per channel, lights up and stays on steady with minimum audio level.
<b>Signal-to-Noise Ratio:</b>	70 dB at onset of limiting
<b>Frequency Response</b>	100 - 12,000 Hz
<b>Operating Requirements</b>	32°-122°F (0-50°C)
<b>Mounting Kit</b>	Optional: STD 008 TV Top Shelf Mounting Kit Optional: BKT 024 Omnidirectional mount for wall or ceiling mounting
<b>Compatible Receivers</b>	WIR RX22-4, WIR RX18
<b>Warranty:</b>	2 years
<b>Approvals/Regulatory Compliance:</b>	CE, RCM, FCC, Industry Canada, PSE, CUL, WEEE, RoHS, CB Scheme

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