

WIR TX75-S

Mid-range Infrared Slave Emitter



The WIR TX75-S infrared slave emitter can be added to the WIR TX75 PRO mid-range infrared transmitter for additional coverage of up to 12,000 square feet*, when mounted up to 100 feet from the master emitter. A maximum of two slaves can be added for up to 24,000 square feet total coverage. Placing additional slaves in the same room increases coverage and enhances freedom of movement. A single CAT5 cable carries both power and signal from the WIR TX75 PRO to the slaves – truly a one-cable connection. Linking bar and mounting bracket are included. 5-year warranty.

System includes:

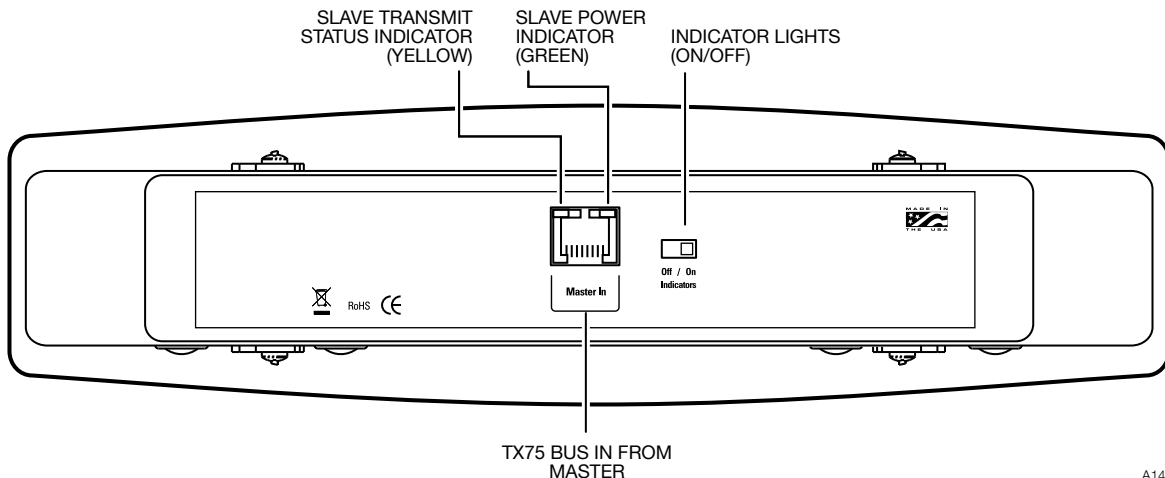
- (1) WIR TX75-S infrared slave emitter
- (1) WCA 096 12" CAT5 cable
- (1) WCA 091 25' CAT5 cable
- (1) MLB 003 slave linking bar
- (1) BKT 024 wall/ceiling mounting bracket

**Operating range varies based on receiver used. See emitter specifications for coverage area by receiver type.*

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TX75-S Specifications

Dimensions, Weight:	10.0" W (25.4 cm) x 3.1" D (7.9 cm) x 1.5" H (3.8 cm) w/o faceplate or 2.5" H (6.4 cm) w/faceplate, 0.6 lbs (0.3kg)
Color:	Black with silver colored silk screen and silver colored faceplate Optional: white colored faceplate
Sleep/Power Save Mode:	Shuts off carrier when no audio is present for 3 minutes
Modulation:	FM Wideband, ± 50 kHz deviation max, 50 μ S pre-emphasis
Carrier Frequencies:	TX-75c PRO: 2.3MHz (Ch1) and 2.8MHz (Ch2). TX-75d PRO: 3.3MHz (Ch1) and 3.8MHz (Ch2). Default at power on = carriers off. Carriers are automatically enabled upon presence of audio.
Emitter IR Power:	0.7 W
Slave Coverage Area (minimum, 1-ch mode):	Note: Slave emitter cannot be used without a master transmitter, but if the slave emitter is aimed so that its coverage area does not overlap that of the master, on its own it will provide: 12,000 sq. ft (1,115 sq. m) in single-channel mode with the RX22-4 receiver 5,000 sq. ft (465 sq. m) in single-channel mode with the RX15-2 receiver 4,000 sq. ft (372 sq. m) in single-channel mode with the RX18 receiver
Master + Slave Coverage Area (minimum, 1-ch mode)	If slave transmitters are aimed to maximize coverage area (so that their coverage areas minimally overlap that of the master): 24,000 sq. ft (2,230 sq. m) in single channel mode with the RX22-4, a master and (1) slave transmitter 36,000 sq. ft (3,345 sq. m) in single channel mode with the RX22-4, a master and (2) slave transmitters
Indicators On/Off:	2-position switch turns on/off indicator lights
Signal-to-Noise Ratio:	70 dB, (line input)
Frequency Response:	95Hz to 17.6kHz, -3dB re 1kHz (line input) 125Hz to 17.0kHz, -3dB re 1kHz (microphone input)
Total Harmonic Distortion:	<1% (1 kHz, nominal deviation, line or microphone input)
From Master Input	8p8c RJ45 connector input provides 48VDC 0.4A power, baseband RF, and a bi-directional RS-485 bus for control and status communications.
Slave Extension Cable:	CAT-5e (or better) cable, maximum 100' length, with RJ-45 8P8C male connector on each end, TIA568B
Slave Status Indicators (on "to slave" jacks):	Green: Power/Unit Status Yellow: Transmit/Cable Status
Operating Requirements:	0-50° C (32°-122°F)
Mounting Kit:	Wall or Ceiling mount: BKT 024 Omnidirectional mount Optional: slave linking bar (MLB 003)
Warranty:	5 Years
Approvals:	CE, C-tick, FCC, Industry Canada, WEEE, RoHS, CB Scheme
Compatible Receivers:	WIR RX22-4, WIR RX18, WIR RX15-2



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Architectural/Engineering Specifications

WIR TX75-S

The Williams Sound WIR TX75-S Infrared slave emitter is designed to work with the WIR TX75c PRO and WIR TX75d PRO Infrared Transmitters.

The TX75-S shall have a minimum coverage of 12,000 sq. ft. with the WIR RX22-4 receiver in single-channel mode.

It shall be housed in a heavy-duty black plastic enclosure with a durable infra-red transparent front lens. It shall be convection cooled without fans. It shall have the ability for mounting on an omni-directional mounting bracket or a linking bar to mount above or below the TX75 PRO Transmitter. It shall have a removable front bezel.

The TX75-S shall have a single CAT-5 input which shall deliver both power and baseband signal from the TX75 PRO Transmitter. It shall have a green LED indicator showing when power is received from the TX75 PRO Transmitter and a yellow LED showing audio is being received from the TX75 PRO.

There shall be a switch on the back to turn off the indicator LED's if desired.

The TX75-S shall be covered by a five-year warranty, 90 days on accessories.

This Infrared Emitter shall be the Williams Sound model WIR TX75-S.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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