WIR TX75-S Infrared Emitter Quick Setup Guide

Determine Transmitter and emitter (slave) placement

Determine the best location where the TX75 will cover the desired area. Remember, IR signals need a clear line of sight to the receiver for optimum reception. It is usually better to have the transmitter located above the height of the receiver users.
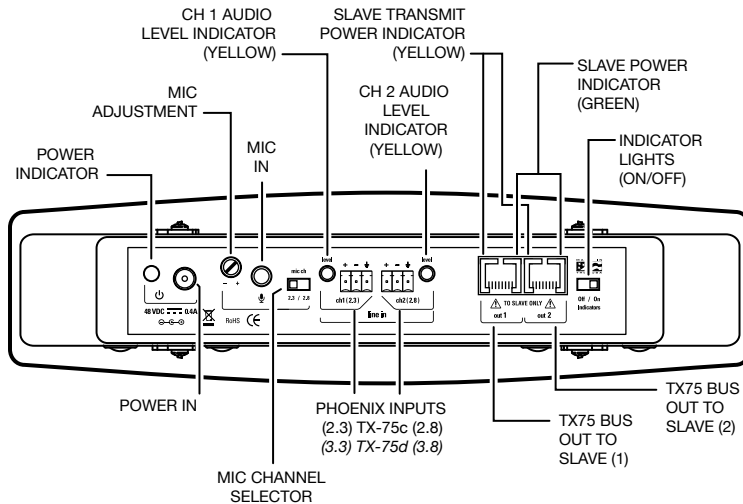
The transmitter can be mounted on the wall or ceiling with the included mounting bracket. The threaded connector on the top and bottom of the transmitter is standard to most camera tripods.

Plug the power supply into the transmitter. Make sure the green power LED is on. Install the audio input cord of your choice and apply signal to the phoenix inputs CH1, CH2 or both. The audio level indicator should be blinking at peak audio levels. Be sure that the receivers are set to the same channel/frequency used on the transmitter.

Important: Point the transmitter (TX-75) and emitter (TX75-S) towards the listening audience.

Remember: Most objects block infrared light. The transmitter and emitter cannot be concealed behind walls, glass, curtains, etc.
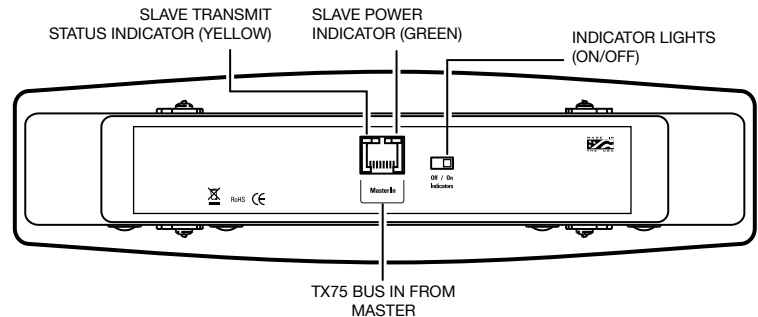
Optional WIR TX75-S emitter for additional coverage

For larger facilities, additional emitters can be used to increase the total coverage area. The WIR TX75 PRO is capable of driving two WIR TX75-S slave emitters. Power, baseband and digital data bus are fed via CAT-5e cable to each TX75-S
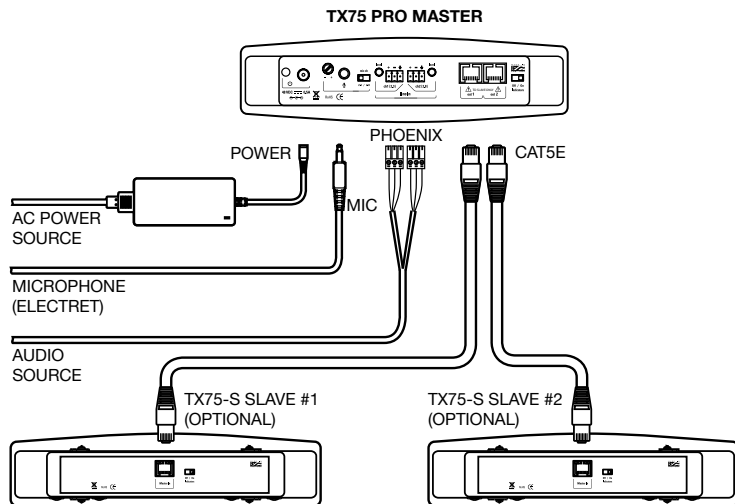
WIR TX75 PRO Master Rear View

WIR TX75-S Slave Rear View

Connecting Master and Slave Units

Connect all WIR TX75 master and slave(s) (WIR TX75-S) units together using CAT-5e cables, from the "to slave" jacks on the master, to the "Master In" jack on the slave(s). For systems with no slave units, the CAT-5e cables and "to slave" jacks are not used. For systems with one slave unit, either "to slave 1"or "to slave 2" may be used.

When a cable is plugged into the "to slave" jack, the master unit will automatically detect mis-wired, intermittent or bad CAT-5e cables; a yellow status indicator light will blink on that channel's "to slave" jack to indicate any problem.

The WIR TX75 automatically detects when WIR TX75-S slave units are plugged in, establishes a data link to verify operation, monitors status, and enables baseband output to the slave emitter(s).

Once a master and slave unit are connected, the yellow and green indicators located on the "to slave" and "Master In" jacks mimic each other. This allows the user to know the status of the entire system by simply looking at the indicators on the back of the master unit. A switch is provided to turn off all indicator lights AFTER initial set-up, to allow for less conspicuous operation.

Note: The WIR TX75 will automatically detect and adjust for differences in CAT-5e cable length. Matching cable lengths to the slaves is not necessary. Cable lengths up to 100 feet may be used.
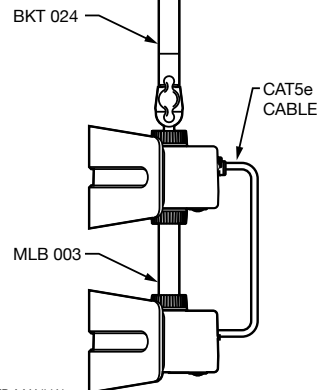

TX75 PRO MASTER

POWER
PHOENIX
CAT5E
MIC
AC POWER SOURCE
MICROPHONE (ELECTRET)
AUDIO SOURCE
TX75-S SLAVE #1 (OPTIONAL)
TX75-S SLAVE #2 (OPTIONAL)

Mounting Options

BKT 024
Universal wall/ceiling mount (included)
A177

MLB 003
Linking Bar - 2 ½" bar with ¼" - 20 threaded male connectors on both ends.
A179

CEILING MOUNT
BKT 024
CAT5e CABLE
MLB 003
A180

FOR MORE DETAILED INFORMATION, PLEASE REFER TO THE INCLUDED MANUAL.