

WILLIAMS AV

SoundPlus® T3

MEDIUM-AREA INFRARED TRANSMITTER



The SoundPlus® T3 continues Williams AV's legacy of audio innovation. Featuring cutting-edge LED technology, it delivers a stronger, more consistent audio signal over a wider range than previous models, ensuring comprehensive coverage and minimizing dropouts.

The new LEDs offer increased power and efficiency, providing complete coverage of up to 32,000 sq. ft. (2,601 sq. m.), overcoming background noise, reverberations, and distance from the sound source. With its expanded coverage pattern and more robust audio signal, there's no need for the additional cost of a secondary unit.

Key Features

- Coverage up to 32,000 sq. ft (2,601 sq. m) in single-channel mode with the RX22-4 receiver
- Two Phoenix-style line-level inputs and one 3.5mm microphone input
- Two audio channels each, up to four audio channels per room
- Power-saving mode turns the unit off after no audio is present for 12 minutes

Applications

- Assistive listening for ADA/Disability Compliance
- Language interpretation
- Audio description

Engineered for AV professionals, the T3 features a two-channel infrared transmitter with an integrated modulator and emitter. It operates on switchable frequencies and offers optional PoE for remote power up to 100 feet.

Remote RS-232 commands allow for easy control including: power on/off, IR channel selection (2.3/2.8 MHz or 3.3/3.8 MHz), audio muting without powering down, LED control, and troubleshooting support.

The T3's compact form factor allows for discreet placement, ensuring it integrates seamlessly into any room's aesthetics. It accommodates adjacent rooms without audio signal spillover, maintaining clear, high-quality audio within a single space. It is ideal for environments requiring privacy, confidentiality, or spaces where sensitive information is shared.

Markets

- Medical centers and treatment rooms
- Courtrooms, city council chambers
- Classrooms & lecture halls
- Auditoriums, theaters
- Conference rooms and training centers

Product Specifications: SoundPlus® T3 Medium-Area Infrared Transmitter

Dimensions	9.0" W (229 mm) x 3.8" D (97 mm) x 1.4" H (36 mm)
Weight	0.84 lb. (0.38 kg)
Color	Black
Power Supply	TFP 057 Desktop style international certified power supply with IEC line cord, 100-240 VAC input, 50-60 Hz, 18 W; 48 VDC output
DC Power Input	2.1 mm ID barrel connector, 48 VDC, 0.2A, center positive
Power Indicator	Green LED
Sleep/Power Save Mode	Shuts off IR when no audio present for 12 minutes
Modulation	FM Wideband, ± 50 kHz deviation max, 50 μ S pre-emphasis
Baseband Frequencies	2.3/2.8 MHz or 3.3/3.8 MHz
Coverage Area	Up to 32,000 sq. ft (2,972 sq. m) in single-channel mode with the RX22-4 handheld receiver. Up to 19,000 sq. ft (1,765 sq. m) in single-channel mode with the RX20 Stethoset receiver.
Microphone gain adjust	Rotary 10 dB range
Microphone channel switch	Selects microphone input to Ch. A or Ch. B
Microphone input	3.5 mm, stereo jack with signal and bias connected to tip, electret microphone compatible (6 VDC bias supply with 2.7 k ohm series resistor)
Audio Inputs	Line inputs: Phoenix style connector jack for Ch A and Ch B accept line level, balanced or unbalanced audio
Audio Indicators	One yellow LED per channel. Lights up and stay on steady with minimum audio level.
Signal-to-Noise Ratio	70 dB (line input)
Frequency Response	95 Hz to 17.6 kHz, -3 dB re 1 kHz (line inputs) 125 Hz to 17.0 KHz, -3 dB re 1 kHz (microphone input)
Operating Requirements	32°-122°F (0-50°C)
Mounting Kit	Wall or Ceiling mount: BKT 024 Omnidirectional mount
Compatible Receivers	WIR RX22-4 handheld receiver, IR RX20 stethoscope receiver
Warranty	2-year warranty against component failure and manufacturing defects. See Full Warranty statement on the website for details.
Approvals/Regulatory Compliance	CE, FCC, Industry Canada, WEEE, RoHS, CB Scheme, RCM, PSE