



Medium Area Infrared Transmitter with Modulator

IR-TX2

The Medium Area Infrared Transmitter with Modulator combines an infrared modulator and transmitter, providing a wide angle of emission with a sleek and compact design (available in both black and white). With a coverage area of 180m², it is ideal for use in medium-sized environments.

All audio signals are modulated to infrared signals 2.3MHz or 2.8MHz.

The unit's range can also be increased and the angle enlarged by combining two Medium Area Infrared Transmitters. The range of the combined units is up to 370m² at one-channel transmission, ideal for large areas.

A wall and ceiling mounting kit is supplied.

Please note: IR-TX2 Medium Area Infrared Transmitters are not compatible with the TX4 Transmitters

Applications

For use in any situation where infrared systems can provide multiple listeners with clear sound:

- Conference and Meeting Rooms
- Cinemas and Theatres
- Courts
- Lecture Halls, Schools and Universities
- Places of Worship

Colour Options

- The fascia is removable and available in both black and white

Components

- Medium Area Infrared Transmitter with Modulator
- Wall/Ceiling Mounting Kit

Accessories

- Portable Infrared Receiver [IR-RX2]

Physical Data

Dimensions	Height – 64mm (2.51") Width – 254mm (10") Depth – 79mm (3.11")
Weight	300g (0.66lbs)
Finish	White Black



Technical Data

Power Supply Input	100-240V AC / 50-60Hz
Power Supply Output	24V DC / 0.8A (2.5mm barrel plug - centre contact »positive«)
Connection Cable	2 x barrel plug, 2.5mm
Carrier Frequencies	2.3MHz (A-channel) and 2.8MHz (B-channel)
Frequency Response	125Hz - 18kHz
Transmission Power	0.7W
Coverage Area	Single transmitter: 1-channel operation 180m² Combined mode (2 transmitters): 370m²
Line-Input	2x line-in 3-pole EUROBLOCK (2,8 MHz) for CH1 and CH2, for balanced audio
Microphone Input	3.5mm jack plug - sensitivity adjustable via control dial
Inputs/Outputs for Combined Mode	Primary Transmitter: Power-out 24V, audio-out "sync out" Secondary Transmitter: Power-in 24V, audio-in "sync-in"
LED Display	Input-level indicator LEDs, 1 per channel
Ambient Conditions	0 – +50°C ambient temperature (non-condensing, non-corrosive environment)
Mounting Options	Wall or ceiling mounting kit included

Rear Connections



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