



## 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 180m<sup>2</sup>, 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 370m<sup>2</sup> at one-channel transmission, ideal for large areas.

A wall and ceiling mounting kit is supplied.

### 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]
- Portable Infrared Underchin Receiver [IR-RXU]

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## 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	2.3 MHz (A-channel) and 2.8 MHz (B-channel)
Transmission Power	0.7W
Coverage Area	Single transmitter: 1-channel operation 180m <sup>2</sup> Combined mode (2 transmitters): 370m <sup>2</sup>
Line-Input	Cinch (RCA) for left and right and/or A and B-channel
Microphone Input	3.5 mm 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

