



## 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.

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

Talk to us now:  
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+1 616 392 3400 (US & Canada)  
[www.contacta.co.uk](http://www.contacta.co.uk)

## Physical Data

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

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## 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 180m <sup>2</sup><br>Combined mode (2 transmitters): 370m <sup>2</sup>      |
| 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"<br>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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