

IR-TX2

Medium Area Infrared
Transmitter with Modulator



CONTACTA INFRARED (IR)

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 1937.5 ft², 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 3982.65 ft² at one-channel transmission, ideal for large areas.

A wall and ceiling mounting kit is supplied.

Components

- › Medium Area Infrared Transmitter with Modulator
- › Wall/ceiling mounting kit

Accessories

- › Portable Infrared Receiver (IR-RX2)
- › Portable Infrared Underchin Receiver (IR-RXU)



Applications

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

- › Conference and Meeting Rooms
- › Court Buildings
- › Lecture Halls, Schools, and Universities
- › Cinemas and Theatres
- › Places of Worship

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Physical Data

Dimensions	Height - 2.51" Width - 10" Depth - 3.11"
Weight	0.66 lbs
Finish	Black
	White

Technical Data

Power Supply Input	100-24V AC / 50-60Hz
Power Supply Output	24V DC / 0.8A (0.25cm barrel plug - center contact »positive«)
Connection Cable	2 x barrel plug, 0.25cm
Carrier Frequency	2.3 MHz (A-channel) and 2.8 MHz (B-channel)
Transmission Power	0.7W
Coverage Area	Single transmitter: 1-channel operation 1937.5 ft ²
	Combined mode (2 transmitters): 3982.65 ft ²
Line-Input	Cinch (RCA) for left and right and/or A and B-Channel
Microphone Input	0.35 cm jack plug - sensitivity adjustable via control dial
Input/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