



SOUND ASSOCIATES, INC.



SA1411 - 2-CHANNEL INFRARED TRANSMITTER WITH EMITTER

Small to Medium Area (Black or white chassis)

The Sa1411 is the complete solution for a wireless infrared listening system. The SA1411 continues Sound Associates' reputation for quality wireless products with a device designed to meet the needs of the most demanding client. This unit has the ability to transmit a mono signal for ADA compliance or a high fidelity stereo signal for a multitude of applications.

The SA1411 works in conjunction with the SA1211 emitter panel to extend the coverage area of the wireless transmission. The SA1411 can power one additional SA1211 emitter with no need for an extra power supply. This powerful yet compact Transmitter / Emitter can operate at 2.3 MHz, 2.8 MHz, or Stereo 2.3 and 2.8 MHz.

The sleek low-profile design is ideal for classrooms, court rooms, board rooms or movie theaters. The SA1411 emitter is equipped with long life infrared diodes designed to ensure years of quality performance at an affordable price.

FEATURES

On - Auto Switch (Automatically shuts off when no audio is present for 5 minutes; auto turn On when audio is present).

Automatic gain control - switchable.

Balanced Mic level input with Phantom Power.

Unbalanced line level input mono or stereo.

Switchable 2.3 MHz, 2.8 MHz, and Stereo.

BNC output to feed additional emitters.

Power Supply can power transmitter and one additional SA1211 emitter.

Available in black or white.



424 West 45th Street, New York, NY 10036 TEL: 212-757-5679

TOLL FREE 888-772-SOUND (888-772-7686)

www.soundassociates.com



SOUND ASSOCIATES, INC.



Technical Specification:

	SA1411
Modulation	FM
Infrared Light Wavelength	870 nm
Modulated AF Input	50 mV - 3V / 5 K ohms
Carrier Frequency	2.3 MHz, 2.8 MHz or Stereo (2.3 MHz (left) and 2.8 MHz (right))
Audio Frequency Response	100 Hz - 10 kHz (- 1 dB) for line input
THD	< 1%
Signal to Noise Ratio	typ. 75 dB (A) System >65 dB SNR from end to end with SA1531H receiver
Mic Input Connection	XLR - balanced
Mic Input Impedance	>50 ohms / >2k ohms
Mic Input Phantom Power	+/- 12V switchable
Maximum Input Level	20 dBm (7.75V)
Unbalanced Line/Stereo Input Connection	Two (2) RCA phono or two (2) 3.5 mm connectors unbalanced
Unbalanced Input	-10 dBu Nominal, dB headroom+
Unbalanced Input Impedance	10K ohms
Input Indicators	Green: nominal range of audio level Red: audio peak indicator, approaching audio distortion
Output Connection	BNC x 1
RF Output Voltage	Approximately 750 mV rms (2V P-P)
Output Impedance	Approximately 50 ohms
LED quantity	72
Optical Power	> 1.5 Watts
Range	Up to 2500 sq. ft. (250 m ²) with SA1531 Receiver
Supply Voltage	19 VDC min - 28 VDC max
Power Supply Input	100-240 VAC 50/60 Hz
Power Supply Output	24 VDC @ 2A
Power Supply Wattage	48 W
Power Connection	2.5 mm DC jack (or 4-Pin Phoenix connector)
Weight	SA1411: 1 lb (0.45 kg); SA1711: Power Supply: 0.8 lb (0.36 kg)
Dimensions	8.3" L x 2.8" D x 3.1" H (210 mm L x 70 mm D x 80 mm H)
Color	Black or White

Supplied Accessories:

- | | |
|---|------------------------------------|
| 1 - Male Phoenix Header 4-Pin Power | 1- TDX-2402 Universal Input 24 VDC |
| 1 - MB11 Wall Mount | Desktop power supply 48 W |
| 1 - 2 - 3.5 mm plugs to 1 - 3.5 mm jack adapter cable | 1 - Operation Manual |

Warranty

The SA1411 transmitter with emitter are covered by a full three-year warranty, from the original date of purchase, against defects in workmanship or materials. If component fails due to defects in craftsmanship or materials, we will repair or replace the component without charge. The factory warranty does not cover malfunctions due to abuse or operation other than specified.

424 West 45th Street, New York, NY 10036 TEL: 212-757-5679

TOLL FREE 888-772-SOUND (888-772-7686)

www.soundassociates.com