



SOUND ASSOCIATES, INC.



FEATURES

Low-profile, compact design.

72 high powered diodes.

On - Auto Switch (Auto switch shuts "off" when no modulated audio is present and turns "on" when modulated audio is present.)

Carrier frequencies from 95 kHz to 3.8 MHz.

BNC modulated audio input and paralleled output.
Able to daisy-chain signal.

Indicator lights switch to turn off rear indicator lights.

Available in black or white

SA1211 - 2-Channel Infrared Emitter

Small to Medium Area (Black chassis)

SA1211W - 2-Channel Infrared Emitter

Small to Medium Area (White chassis)

The Sound Associates SA1211 emitter is an infrared panel that converts a frequency modulated signal, generated by an infrared modulator or transmitter, into infrared light, invisible to the naked eye. This powerful yet compact emitter can operate at 2.3 MHz, 2.8 MHz, 3.3 MHz, 3.8 MHz or 95 kHz.

The SA1211 works in conjunction with the SA1411 transmitter / emitter and the SA1422 rack mounted transmitter to extend the coverage area. It can be powered locally with the SA1711 power supply or remotely by the SA1710 or SA1720 rack mounted power supply. Additionally, the SA1411 can power a single SA1211 panel.

The sleek low-profile design is ideal for classrooms, court rooms, board rooms or movie theaters. The SA1211 emitter is equipped with long life infrared diodes, designed to ensure years of quality performance at an affordable price.



SA1211 Infrared Emitter (front). Also available in white.



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Technical Specification:

	SA1211
Modulation	FM
Infrared Light Wavelength	870 nm
Modulated AF Input	50 mV - 3V / 5 K ohms
Carrier Frequency Response	94 kHz - 4 MHZ
Input Connection	BNC 50 ohms
Output Connection	BNC 50 ohms
Switching threshold for automatic on/off function	50 mV
Supply Voltage (nominal)	24 VDC
Minimum Supply Voltage	19 VDC
Maximum Supply Voltage	28 VDC
LED quantity	72
Optical Power	> 1.5 Watts
Range	Up to 2500 sq. ft. (250 m ²) with SA1531 Receiver
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 jack (or 4-Pin Phoenix connector)
Weight	SA1211 Emitter: 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- SA1711 Universal Input 24 VDC
1 - MB11 Wall Mount	Desktop power supply 48 W
1 - Operation Manual	

Warranty

The SA11211 emitters 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.