

SI30 Modulator & Radiator

Features:

- Compact Size
- Covers up to 80 m²
- Easy installation and precise alignment



Modulator & Radiator

The **SI 30** is a wideband modulator with an integral radiator.

It can be switched between operation on channel 1 (2.3 MHz), channel 2 (2.8 MHz) and stereo operation.

Due to its compact size and relatively low radiating power, the **SI 30 modulator/radiator** and the **SZI 30 radiator** are an ideal choice for smaller or medium-sized rooms, for covering recesses or for applications which require transmission of audio information to well defined zones, e.g. in museums.

The **SI 30** is a miniature combination modulator/radiator. It is slim and compact but can cover areas of up to 80 m² in mono operation. The integrated modulator uses stereo wideband modulation. When the audio signal at the SI 30 input exceeds a certain threshold value, the modulator/radiator is switched on automatically. It switches off again when there has not been an audio signal for about 2 minutes. Transmission is indicated by a green LED on the left of the front panel.

An **automatic modulation control** adapts to audio signals between 45 mV and 4 V. This process is effected over a period of about one minute, so that short speaking pauses do not entail a greater amplification. Problems may arise when you are working with microphones and very different signal levels. Longer breaks can lead to a strong increase in amplification.

Modulation	FM
Carrier frequency	2,3 MHz + 2,8 MHz
Nominal deviation	+/- 50 kHz
Audio-XLR connector	3 pin-Texas- Socket
Input voltage range	45 mV- 4V
Output impedance	50 Ohm
IR Diodes	11
Max. coverage area	80 m ²
Operating voltage	24-27 V DC
Current consumption	180 mA
Dimensions	118 x 25 x 90 mm
Weight 140 g	140 g
RF output	3.5 mm mono
Input voltage range	45 mV.....4 V