

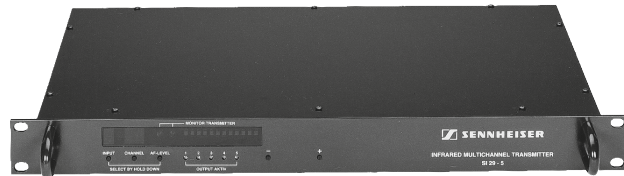
# SI 29-5

## 5-channel modulator

### FEATURES

- Modulator with up to five narrow-band audio channels
- Each audio channel can be programmed to any of the 32 carrier frequencies
- Several units can be cascaded to make systems of up to 32 channels
- Integrated IR monitoring diodes
- 19" (1 U) housing

Each of these 1U / 1RU rack unit modulators can handle up to five narrowband channels and has the capability of being daisy-chained with additional SI 29-5 to configure systems of up to 32 channels. Using Phase Locked Loop frequency synthesis, the five channels can be programmed to transmit on any of the 32 available frequencies. If systems of less than five channels are required, non-active channels can be turned off, resulting in increased transmission range from SZI 1029 or SZI 1015 emitter panels. The SI 29-5 requires an NT 29 power supply.



### ARCHITECT'S SPECIFICATIONS

The narrow-band infrared modulator shall be capable of handling up to 5 audio channels and shall be cascadable to make wireless IR transmission systems with up to 32 channels.

Each of the modulator's 5 audio channels shall be programmable to transmit on any of the 32 carrier frequencies ranging from 55 to 1,335 kHz. 12V AC power shall be supplied via the NT 29 power supply, power consumption shall be maximum 17 W. Nominal deviation shall be +/- 6 kHz, peak deviation shall be +/- 7 kHz. Amplitude limitation shall be maximum 30 dB, AF sensitivity shall be 50 mV-1.5 V. The modulator shall feature IR monitoring diodes and a 7-segment deviation display. The modulator shall provide 5 transformer balanced XLR-3 audio inputs and a 25-pin sub-D connector as additional audio input connected in parallel to the XLR-3 inputs. 2 BNC-type RF cascading sockets shall be provided for connecting several modulators.

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### TECHNICAL DATA

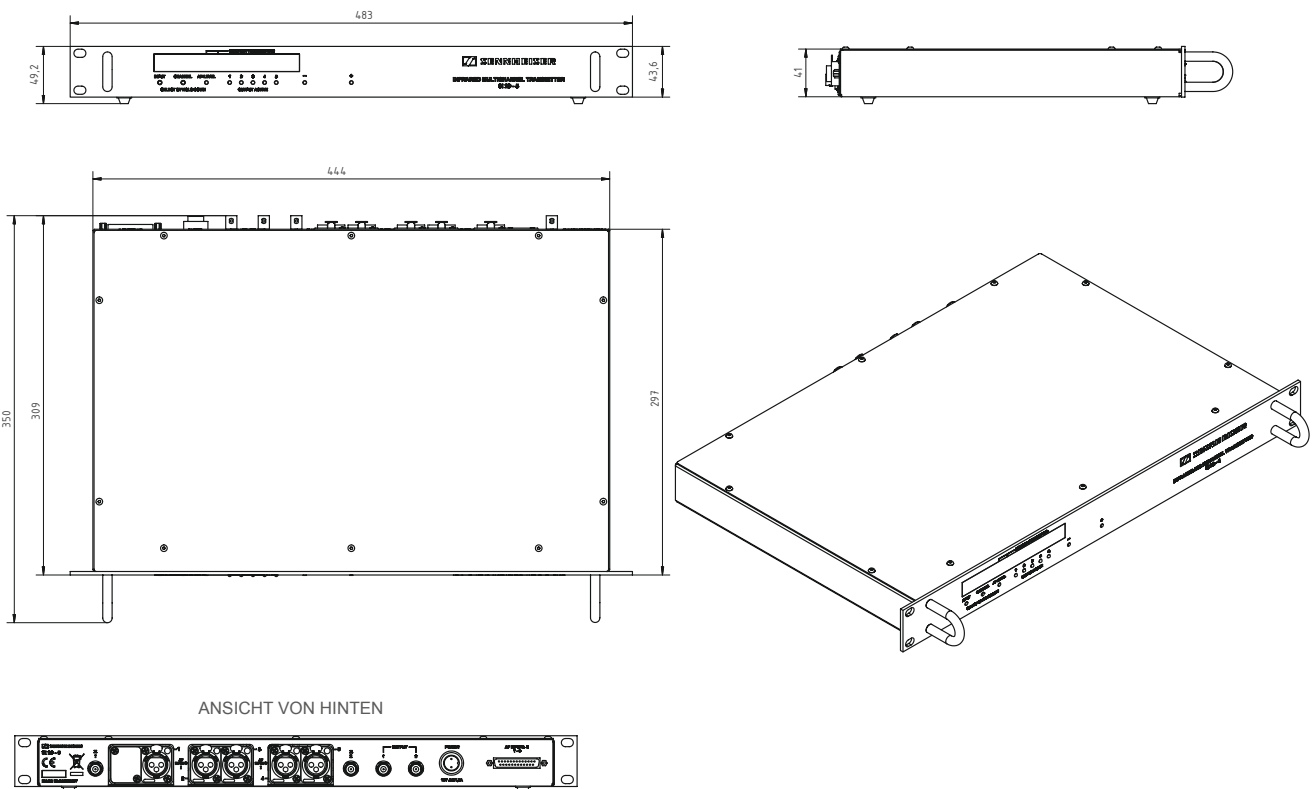
AF sensitivity .....	50 mV-1.5 V
Amplitude limitation .....	Max. 30 dB
AF inputs .....	25-pin sub-D connector XLR-3F transformer balanced
Deviation display .....	-20 dB-5dB / Peak
Dimensions .....	19.1 x 1.8 x 13.4 in. (485 x 45 x 340 mm)
Frequency range .....	55-1,335 kHz
Modulation .....	FM
Nominal deviation .....	± 6 kHz
Number of channels .....	5
Output impedance .....	50 Ω
Peak deviation .....	± 7 kHz
Power consumption.....	Max. 17 W
Power supply.....	12 V AC
RF cascading socket.....	2 x BNC
RF output .....	2 x BNC
Suppression of harmonics.....	> 60 dB
Weight.....	8.8 lbs. (4 kg)
Delivery includes .....	SI 29-5 modulator

## SI 29-5 5-channel modulator

### ARCHITECT'S SPECIFICATIONS

The RF signals for the radiators shall be available at 2 BNC-type RF outputs.  
Output impedance shall be 50 ohms, suppression of harmonics shall be > 60 dB. The modulator shall feature a 19" 1U housing.  
The housing shall measure 485 x 45 x 340 mm (19.1" x 1.8" x 13.4"). Weight shall be 4 kg (8.8 lbs.). The modulator shall be the Sennheiser SI 29-5.

### DIMENSIONS



### RECOMMENDED ACCESSORIES

Plug-in mains units:

NT 29-UK (UK version)	Art. No. 004004
NT 29-EU (EU ver.)	Art. No. 004002
NT 29-120 (120V version)	Art. No. 004003

BNC cables

GZL 1019-A1	1 m	Art. No. 002324
GZL 1019-A5	5 m	Art. No. 002325
GZL 1019-A10	10 m	Art. No. 002326

BNC coupler GZV 1019-A

Art. No. 02368

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