

# SI 1015 Modulator

## FEATURES

- Wideband modulator for the carrier frequencies 2.3 and 2.8 MHz
- Modulator for single-channel, two-channel or stereo operation, features monitoring diodes and a separate barrier strip with RF and DC outputs for connecting radiators
- Wide range of mounting accessories for the radiator, modulator comes complete with rack-mount ears

## The SI 1015

wideband modulator uses the reliable carrier frequencies 2.3 and 2.8 MHz and can be operated in single-channel, two-channel and stereo modes. The modulator is fitted with two balanced XLR-3 audio inputs and IR monitoring diodes. It can be used with SZI 1015 and SZI 1029 radiators, the signals for the radiators are available at two RF sockets, or, alternatively, at a barrier strip. (N.B.: The barrier strip – which also powers the connected radiators – can only be used with SZI 1015 and SZI 1029-24 radiators.)



## ARCHITECT'S SPECIFICATIONS

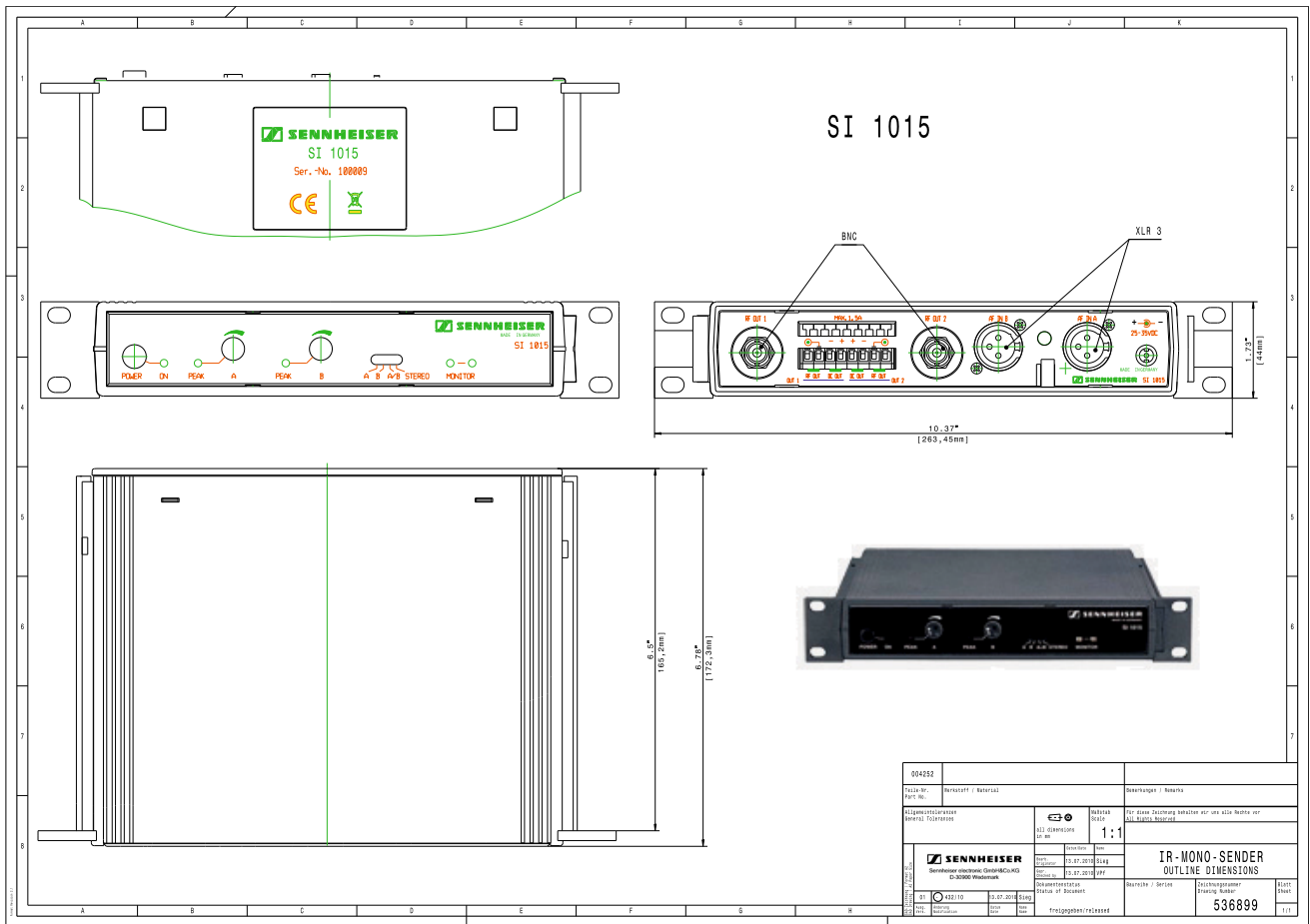
The wideband infrared modulator shall be for use with companion radiators as part of a wireless IR assistive listening system or IR language transmission system. The modulator shall provide coverage for up to 400 sq m (4305,56 sq ft). The modulator shall be capable of operating on the carrier frequencies of 2.3 and 2.8 MHz and shall be switchable between single-channel, two-channel and stereo operation. The modulator shall feature IR monitoring diodes and shall provide two balanced XLR-3 audio inputs. Input impedance shall be 600 ohms, the input voltage range shall be 10 mV – 5 V (line). The RF signals for the radiators shall be available at two BNC-type RF sockets or, alternatively, at a separate barrier strip with RF and DC outputs. Nominal deviation shall be +/- 40 kHz, peak deviation shall be +/- 56 kHz. The operating voltage shall be 24 – 30 V DC, current consumption shall be < 140 mA. The modulator shall feature a 9.5" 1U rack-mountable housing and shall come complete with two rack-mount ears. The modulator dimensions without rack-mount ears shall be 224 x 44 x 173 mm. Weight without rack-mount ears shall be 800 grams (1.8 lbs.). The modulator shall be the Sennheiser SI 1015.

## TECHNICAL DATA

Audio-in .....	2 x XLR-3 balanced
Carrier frequency.....	2.3 MHz / 2.8 MHz
Current consumption .....	< 140 mA
Dimensions.....	1/2 19-inch, 1 U (224 x 44 x 173 mm)
Impedance .....	600 Ω
Input voltage range.....	10 mV – 5 V (Line)
Modulation .....	FM
Nominal deviation .....	± 40 kHz
Operating voltage (mains) .....	24-30 V DC
Peak deviation .....	± 56 kHz
RF output .....	2 x BNC
Weight.....	1.8 lbs. (800 g)

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## DIMENSIONS



50422		Beschreibung - Details		Abmessungen - Details	
Teil-Nr. Part No.		Beschreibung Description		Abmessungen Dimensions	
Sennheiser electronic GmbH & Co. KG D-30900 Wedemark		Sennheiser Sennheiser electronic GmbH & Co. KG D-30900 Wedemark		IR-MONO-SENDER OUTLINE DIMENSIONS	
01 420110 01.07.2010 1.000		Date of document Freigegeben/Released		Revisions / Series Drawing Number 536899	
1:1		Scale		Sheet 1 of 1	

## RECOMMENDED ACCESSORIES

Power Main units:

NT 1015-EU (EU version)

Art. No. 04560

NT 1015-120 (US version)

Art. No. 004561

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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