**SI 1015**

**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

**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. (N.B.: The barrier strip – which also powers the connected radiators – can only be used with SI 1015 and SI 1029-24 radiators.)

**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)

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 SI 1015 and SI 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 SI 1015 and SI 1029-24 radiators.)
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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