

MEG 14-40-L-II | MAT 153-S

Gooseneck Microphone and Table Stand

FEATURES

- Intuitive handling
- Clearly visible LED ring and microphone button
- Proven Sennheiser KE 10 microphone capsule
- Powered with standard XLR 3 cable



Experience clearly structured meetings and discussions as the intuitive handling will lead the focus on the content – not the technology. Both, the clearly visible LED ring and the prominent microphone button make great sound performance easily accessible. The proven Sennheiser KE 10 capsule provides best speech intelligibility. Powered with just a standard XLR 3 cable, both microphone and LEDs are integrated in a bigger setup with a finger snap and make even spontaneous discussion setups possible using just a mixing console. The TTL-logic output serves for various control purposes such as camera control. The **MAT 153-S** with the **MEG 14-40-L-II** is as versatile as it is easy to operate.

SPECIFICATIONS

MEG 14-40-L-II

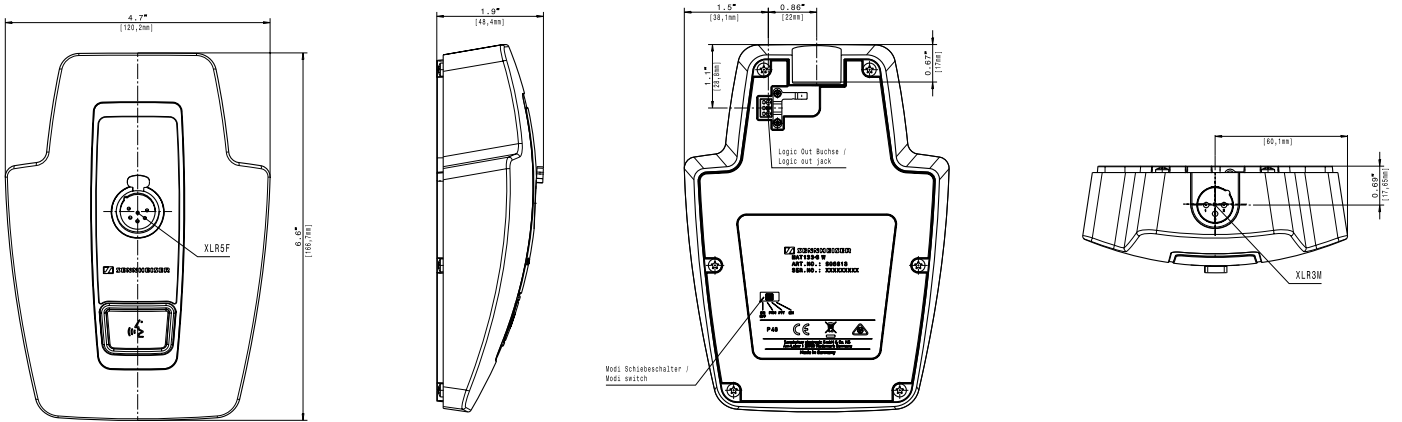
Pick-up pattern	cardioid
Frequency response	50 Hz - 20 kHz
Acoustic principle	gooseneck microphone (condenser)
Output impedance @ 1 kHz	< 100 Ω
Sensitivity	15 mV/Pa
Max. sound pressure level	130 dB @ 1 kHz < 3 %
Equivalent noise level	37 dB (CCIR) 26 dB (A)
Power supply microphone	12 V - 48 V phantom power (P 12 - P 48)
Current consumption	3 mA
Power supply signal light ring	12 - 30 V DC 1 - 18 mA green
Connector	XLR-5M
Temperature	Operation: 0 °C to 40 °C (32 °F to 104 °F) Storage: -25 °C to +70 °C (-13 °F to 158 °F)

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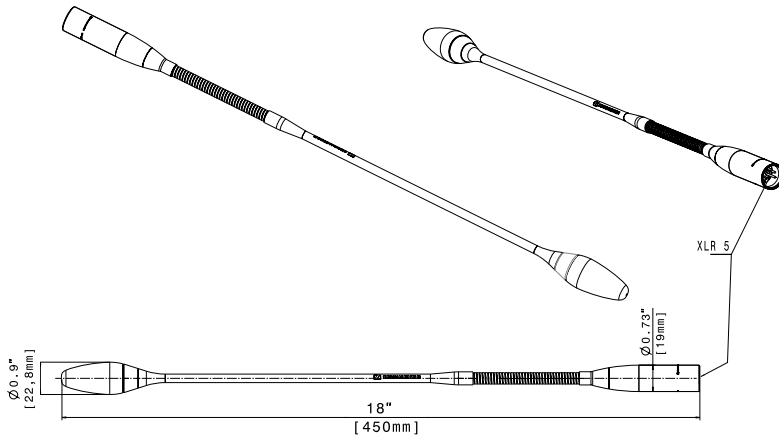
Current consumption	3.7 mA
Logic input	high level input voltage > 2.0 V low level input voltage > 0.8 V
Logic output	high level output voltage > 2.4 V low level output voltage > 0.4 V
Connector	MIC IN: XLR-5F MIC OUT: XLR-3M 3x terminal
Power supply	48 V phantom power (P 48)
Weight	approx. 1206 g
Dimensions (W x H x D)	120 mm x 43 mm x 170 mm
Temperature	Operation: -10 °C to 50 °C (14 °F to 122 °F) Storage: -25 °C to 70 °C (-13 °F to 158 °F)
Microphone activation modes	PTT: Push to talk PTM: Push to mute ON/OFF: Toggle on/off ON: Permanently on or external logic control

DIMENSIONS

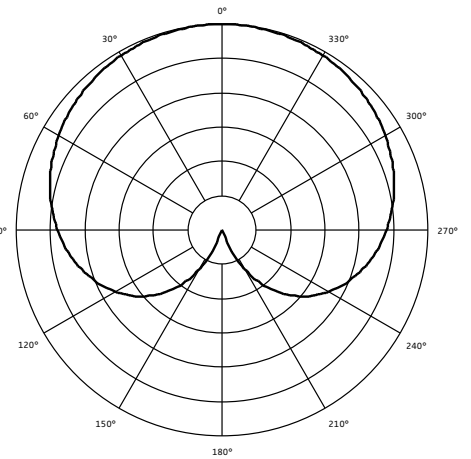
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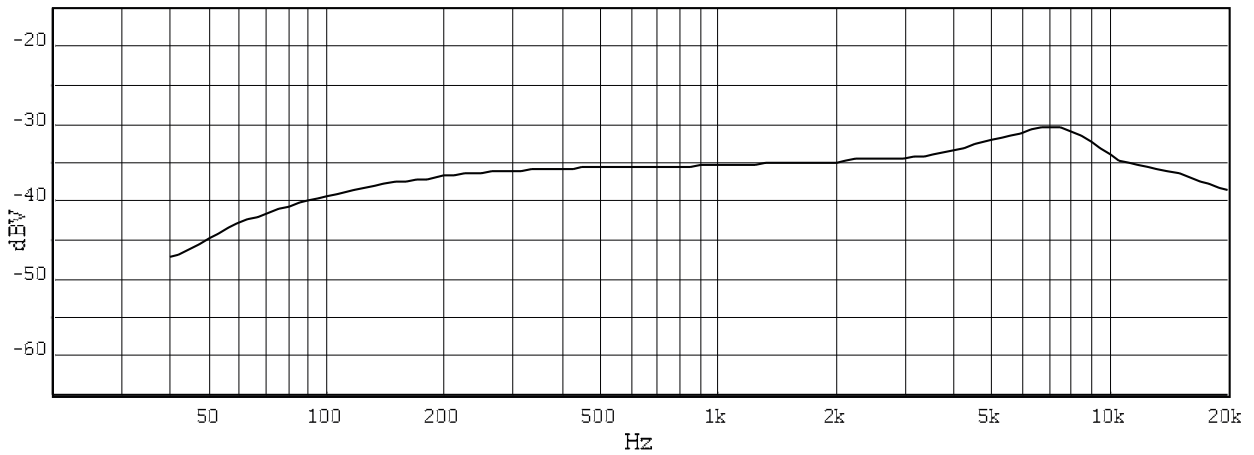
MEG 14-40-L-II



POLAR DIAGRAM MEG 14-40-L-II



FREQUENCY RESPONSE MEG 14-40-L-II



ARCHITECT'S SPECIFICATION

The microphone shall be a pre-polarized condenser microphone designed for permanent installation or portable applications. It shall have a microphone capsule with a cardioid polar pattern with uniform 120° angle of acceptance (-3dB). The microphone shall include a green lighted LED ring below the capsule for indicating the activity of the microphone.

It shall have a frequency response of 50 Hz to 20,000 Hz and be capable of handling sound input levels up to 130 dB SPL. Nominal equivalent noise level shall be 26 dBA (37 dB weighted as per CCIR 468-3). Output shall be low impedance balanced (<100 ohms). Operating temperature shall be 0 °C to 40 °C (32 °F to 104 °F). The microphone shall operate from an external 12 V to 48 V DC phantom power source; current consumption shall be 3 mA. The lighted LED ring shall operate from an external 8 – 30 V AC or DC power source; current consumption shall be 3 mA. The microphone shall offer radio frequency interference (RFI) shielding against intermodulation from wireless equipment or devices.

The microphone shall be a gooseneck design ensuring precise alignment of the microphone. It shall incorporate a self-contained power module with an XLR-5M connector at the base, which includes connection for the lighted LED ring power supply. The microphone shall be a small-diameter gooseneck design with a diameter of 8 mm (0.31") and an overall length of 457.2 mm (18"). Head diameter shall be 22.8 mm (0.9"). The microphone weight shall be 147 g (4.72 oz). Finish shall be matte black.

The microphone shall be Sennheiser MEG 14-40-L-II.

The table stand for connecting and operating XLR gooseneck microphones shall be rugged and unobtrusive. It shall have a programmable microphone button (Toggle on/off, PTM, PTT and permanent on) and a bi-color LED ring for status indication shall be provided.

The table stand shall feature an XLR-5F microphone input, an XLR-3M microphone output and a TTL logic connector with logic inputs and outputs. The logic output voltage shall be high level > 2.4 and low level < 0.4 V, the logic input voltage shall be high level > 2.0 V and low level < 0.8 V. The table stand shall operate on 48 V phantom power. Current consumption shall be 3.7 mA. Dimensions shall be 120 x 170 x 43 mm (4.72" x 6.69" x 1.69"). Weight shall be 1,210 grams (42,68 oz). Operating temperature shall range from -10 °C to +50 °C (+14 °F to +122 °F).

The table stand shall be the Sennheiser MAT 153-S.

PRODUCT VARIANTS

MEG 14-40-L-II B - black

Art. No. 506398

MAT 153-S B - black

Art. No. 505626