

MEB 114 (-S) Boundary Mic

FEATURES

- Award winning design
- Optimized for speech
- Sturdy housing
- Made in Germany

The sturdy on-table boundary layer microphone **MEB 114** constitutes an improvement for any conferencing system. In its -S version it additionally features a programmable microphone button (PTT, PTM, toggle on/off, permanent on), and a bi-color LED ring for status indication. A camera or media control system can be triggered via the TTL logic out on the bottom side. Thanks to its rugged housing and its high-quality microphone capsule the MEB 114 ensures the best speech intelligibility.



MEB 114



MEB 114-S

ARCHITECT'S SPECIFICATIONS

The microphone shall be a cardioid pre-polarized condenser on-table boundary layer microphone designed for use in conference applications. The high-quality microphone capsule shall be optimized for speech intelligibility.

The frequency response shall be 40 Hz-20,000 Hz and sensitivity shall be 10 mV/Pa. Nominal impedance at 1 kHz shall be 200 Ω. Equivalent noise level shall be 26 dB(A) or 39 dB weighted as per CCIR 468-3. Dynamic range shall be 111dB (A). Maximum SPL shall be 140 dB. The microphone shall provide a tiny 3-pin XLR.

The microphone shall operate on 48 V phantom power. Current consumption shall be 1.5 mA. The microphone shall have a rugged housing; dimensions shall be 85 x 100 x 25 mm (3.35" x 3.94" x 0.98"). Weight shall be 291 grams (10.27 oz). Operating temperature shall range from -10 °C to +50 °C (+14 °F to +122 °F). The microphone shall be the Sennheiser MEB 114.

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TECHNICAL DATA

MEB 114

Transducer principle	pre-polarized condenser microphone
Acoustic principle	boundary layer microphone
Pick-up pattern.....	cardioid
Frequency response	40 Hz – 20 kHz
Nominal impedance at 1 kHz	200 Ohm
Sensitivity	10 mV/Pa
Maximum sound pressure level.....	140 dB
Equivalent noise level	29 dB (A)
Equivalent noise level weighted as per CCIR 468-3	39 dB (CCIR)
Dynamic range.....	111 dB (A)
Phantom power.....	P 48
Current consumption	1.5 mA
Connector.....	tiny XLR-3
Pin assignment XLR-3M out.....	1 = gnd 2 = + 3 = -
Weight.....	291 g
Dimensions (WxDxH)	85 x 100 x 25 mm
Operating temperature	-10 ° ... +50 °C

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
MEB 114 (-S) Boundary Mic

ARCHITECT'S SPECIFICATIONS

The Sennheiser MEB 114 microphone shall also be available as a variant (-S) with a programmable microphone button (Toggle on/off, PTM, PTT and permanent on) and a bi-color LED ring for status indication. The current consumption of the -S version shall be 5.3 mA. The microphone shall provide 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 microphone shall be the Sennheiser MEB 114-S.

TECHNICAL DATA

MEB 114-S

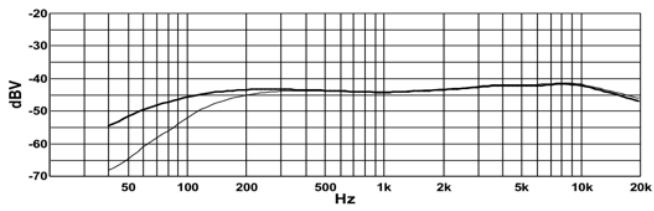
Current consumption	5.3 mA
LED light ring color.....	red / green
Microphone modes	Toggle on/off Push to mute Push to talk permanent on (external LED control)
Switchable low cut.....	at 120 Hz
Connection.....	clip contact
Pin assignment logic connector.....	trigger signal at the logic connector:
	 Logic in (LED control)
	 GND
	 Logic out (switch signal)
Logic out.....	high level output voltage > 2.4 V low level output voltage < 0.4 V
Logic In	high level input voltage > 2.0 V low level input voltage < 0.8 V

DELIVERY INCLUDES

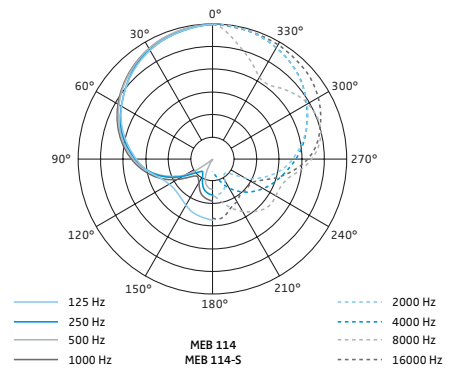
- 1 boundary microphone
- 1 microphone cable (3 m)
- Leaflet

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FREQUENCY RESPONSE

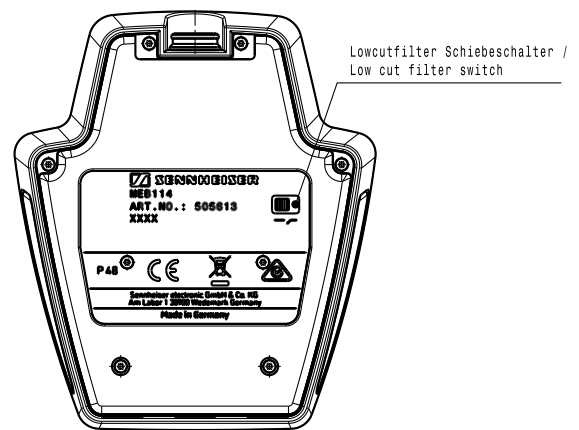
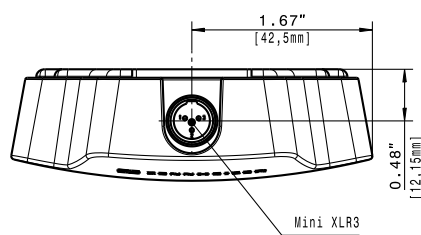
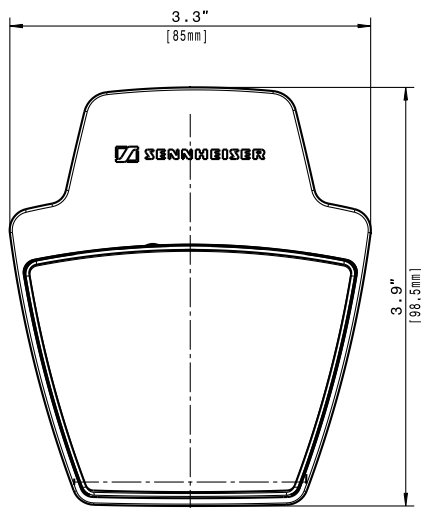


POLAR PATTERN



DIMENSIONS

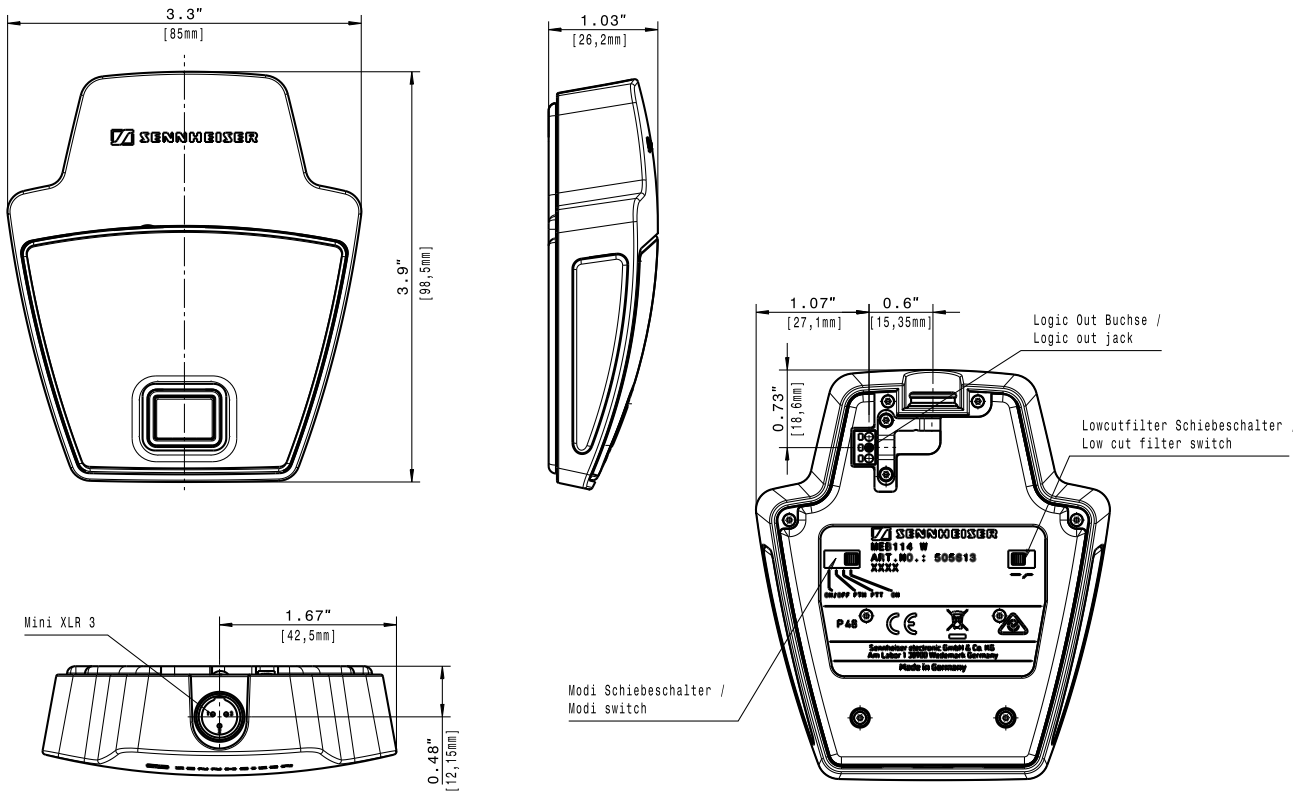
MEB 114



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DIMENSIONS

MEB 114-S



PRODUCT VARIANTS

MEB 114 B black	Cat. No. 505612
MEB 114 W white	Cat. No. 505613
MEB 114 G Nextel grey	Cat. No. 505614
MEB 114-S B black	Cat. No. 505615
MEB 114-S W white	Cat. No. 505616
MEB 114-S G Nextel grey	Cat. No. 505617

Contact your local Service Partner:

Sennheiser electronic GmbH & Co. KG
Am Labor 1, 30900 Wedemark, Germany
www.sennheiser.com

 **SENNHEISER**