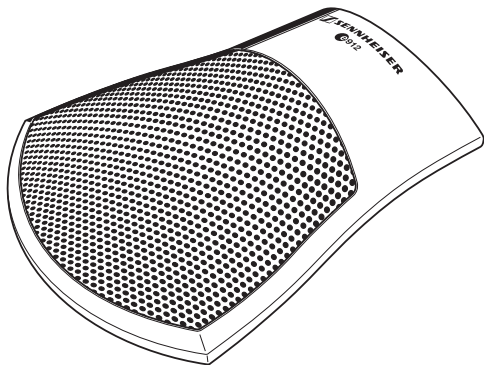




Bedienungsanleitung
Instructions for use
Notice d'emploi
Istruzioni per l'uso
Instruccion para el uso
Gebruiksaanwijzing





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e912

High-quality pre-polarized condenser microphone with half-cardioid pick-up pattern, acoustically optimized for speech, vocal and instrument miking.

The **e912** is suitable for use in grand pianos or on theater and opera stages, conference tables, altars, lecterns, etc.

Incidental rear noise is effectively rejected.

The **e912** is available in two color variants:

e 912 WH (white) Cat. No. 500648

e 912 BK (black) Cat. No. 500647

Features

- Frequency response and sensitivity tailored for speech, vocal and instrument miking
- Very unobtrusive due to flat design
- Extremely rugged sound inlet basket
- Rubber damping plate on base
- Mounting slots for mounting the microphone to e.g. table tops
- Gold-plated XLR connector
- Integrated electronics (instead of in-line pre-amp)

Delivery includes

- e912 microphone
- Pouch
- Instructions for use
- Warranty Certificate

Positioning the microphone

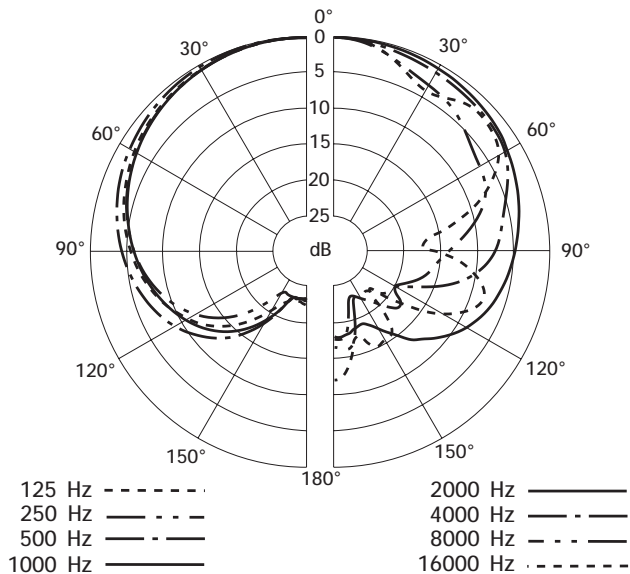
Boundary microphones make use of the pressure effects at a room boundary and need to be mounted on a flat surface:

Position	Resulting sound	Commentary
Altar or lectern: on a sound-reflecting surface	Less room resonance portions or comb filter elements; improved speech intelligibility and greater gain reserves in contrast to free- standing microphones	Unobtrusive due to flat design; no microphones in the field of vision
Conference rooms: lying on the table; directed towards the conference participants *)	Less room resonance in contrast to free- standing microphones	Microphones must not be covered by papers, folders or similar objects

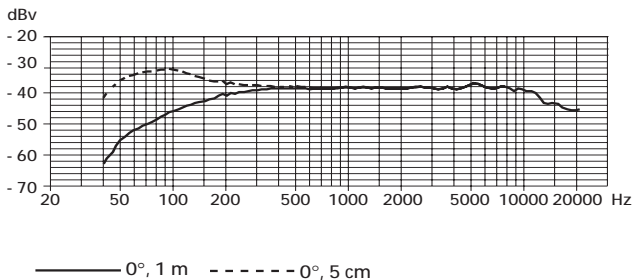
<p>Theater stages: lying at the edge of the stage and directed towards the stage; as spot microphone of the PA system or for monitoring purposes in the theater cloakrooms</p>	<p>Less room resonance in contrast to free-standing microphones; improved speech intelligibility</p>	<p>Excellent rejection of rumble noise; if necessary, place the microphone on a soft pad (e.g. mousepad).</p> <p>If necessary, combine with overhead microphones (e.g. Sennheiser ME 36 with MZH 30 B & MZC 30)</p>
<p>Grand piano / piano: mounted to the inside cover (= sound-reflecting surface) of the piano or lying in the instrument or on the floor underneath the piano</p>	<p>Very transparent and powerful sound; stereo sound image can be shaped individually, depending on microphone position chosen</p>	<p>Instrument is easy to mike, even when the cover is closed; excellent protection against crosstalk into other microphone channels and reduced volume on stage</p>

*) The cardioid pick-up pattern has an opening angle of approx. 130°. Try to position the microphone so that the sound source (conference participant, speaker or instrument) is located in this angle area (see polar diagram).

Polar diagram



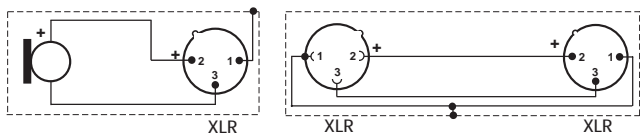
Frequency response curve



Specifications

Transducer principle	pre-polarized condenser microphone
Frequency response	20–20,000 Hz
Pick-up pattern	half-cardioid
Sensitivity (free field, no load at 1 kHz)	10 mV/Pa
Nominal impedance (at 1 kHz)	< 100 Ω
Min. terminating impedance	1 k Ω
Phantom powering	48 V / 1.1 mA
Max. sound pressure level at 1 kHz	136 dB SPL
Connector	XLR-3
Weight	350 g
Dimensions	Length: 126.5 mm Width: 105 mm Height: 26.5 mm

Pin assignment of XLR-3 connector



Overview of microphone applications

Application	Variant											
	e901	e902	e904	e905	e906	e908B	e908B ew	e908D	e908T ew	e912	e914	e935/e945
Vocals												X
Choirs										X	X	
Studio, acoustic instruments					X					X	X	
Orchestra											X	
Trumpet, trombone			X			X			X			
Saxophone			X			X	X					
Acoustic guitar											X	
Acoustic bass											X	
Guitar amplifiers					X							
Bass amplifiers		X										
Leslie	X	X	X	X								
Piano, grand piano										X	X	
Kick drums	X	X										
Snare drums			X	X	X			X				
Rack toms			X	X	X	X		X				
Floor toms		X	X	X	X			X				
Congas			X		X	X		X				
Cymbals											X	
Percussion			X	X	X	X		X			X	
Overhead												
Conference table, altar										X		
Lectern										X		
Theater stage										X		

Manufacturer Declarations




Approval

Sennheiser electronic GmbH & Co. KG declare that this device is in compliance with the applicable CE standards and regulations.



WEEE Declaration

Your Sennheiser product was developed and manufactured with high-quality materials and components which can be recycled and/or reused. This symbol indicates that electrical and electronic equipment must be disposed of separately from normal waste at the end of its operational lifetime. Please dispose of this product by bringing it to your local collection point or recycling centre for such equipment. This will help to protect the environment in which we all live.



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