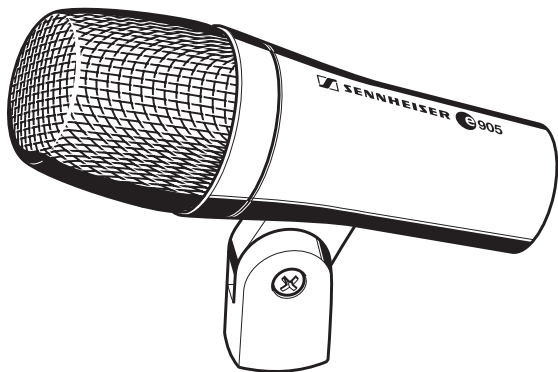


e905

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



evolution

e905

High-quality dynamic microphone with cardioid pick-up pattern.

The **e905** has been specially developed for snare drum miking but is also suitable for use with percussion instruments and toms.

Due to its compact design, the microphone is easy to position.

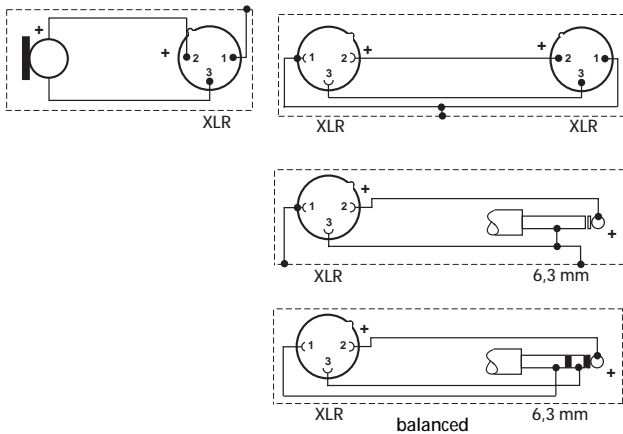
Features

- Rich, powerful sound
- Humbucking coil protects against electromagnetic interference
- Shock-mounted capsule
- Compact design
- Extremely rugged sound inlet basket, replaceable
- Gold-plated XLR connector
- Integral stand mount

Delivery includes

- **e905** microphone
- Pouch
- Instructions for use
- Warranty Certificate

Pin assignment of XLR-3 connector





Removing the sound inlet basket




Positioning the microphone

Snare drums, drums and percussion instruments

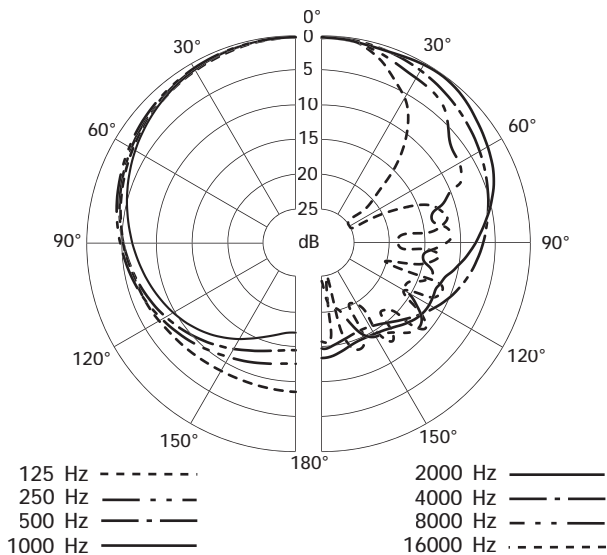
Position	Resulting sound	Commentary
	more fundamental, little overtones	Position on the drum: 3 – 5 cm above the drumskin and directed towards the center of the drumskin, the fundamental tone to overtones ratio can be adjusted by changing the angle of the microphone.
	less fundamental, many overtones	

Snare pick-up using two microphones

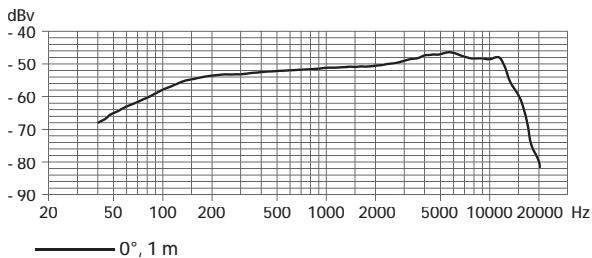
Position	Commentary
	Use of a second microphone for picking up the bottom of the drumskin. The lower microphone must be phase-reversed to avoid phase-cancellation effects due to the second microphone being on the other side of the drumskin.

In order to prevent interference due to crosstalk between adjacent sound sources, try to position the microphone so that the interfering sound source is located in the angle area of the highest cancellation of the microphone (approx. 180°).

Polar diagram



Frequency response curve



Accessories

The following accessories are available for the 905:
Microphone clamp MZH 604 (Cat. No. 05299)

Specifications

Transducer principle	dynamic
Frequency response	40 – 18,000 Hz
Pick-up pattern	cardioid
Sensitivity (free field, no load)	2.6 mV/Pa (at 1 kHz)
Nominal impedance (at 1 kHz)	350 Ω
Min. terminating impedance	1 k Ω
Connector	XLR-3
Weight	210 g
Dimensions	diam.: 41 mm, length: 116 mm

Overview of microphone applications

Anwendung	Modell											
	e901	e902	e904	e905	e906	e908B	e908B ew	e908D	e908T ew	e912	e914	e935/e945
Vocals												X
Choir										X	X	
Studio, acoustic instruments					X					X	X	
Orchestra											X	
Trumpets, Trombones			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 Drum	X	X										
Snare Drum			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											X	
Conference table, altar										X		
Lectern										X		
Theater stage										X		

Manufacturer declarations

Warranty

2 years

Approval




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

WEEE Declaration



Please dispose of this product at the end of its operational lifetime by bringing it to your local collection point or recycling centre for such equipment.





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