

# e 904

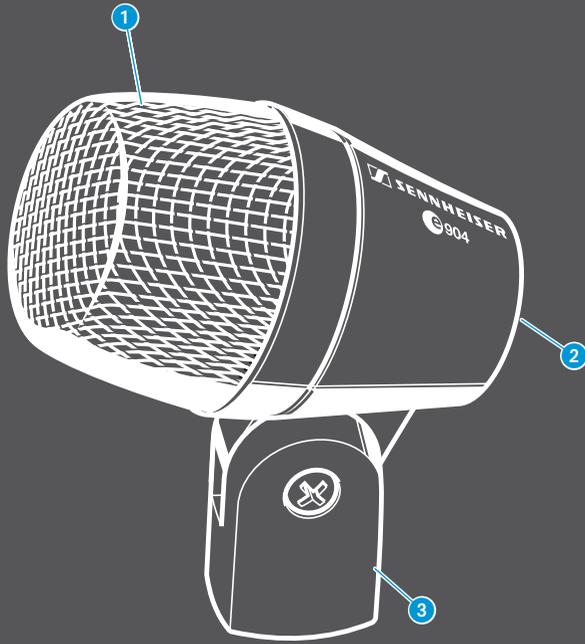


Bedienungsanleitung  
Instruction manual  
Notice d'emploi  
Istruzioni per l'uso  
Instrucciones de uso  
Manual de utilização  
Gebruiksaanwijzing  
Инструкция по эксплуатации  
使用说明

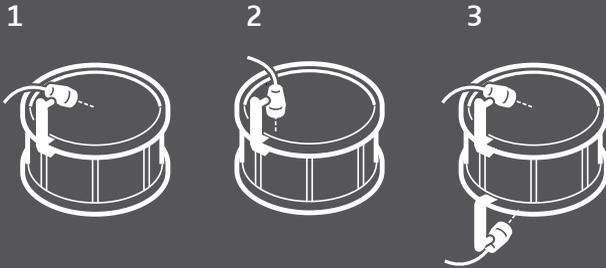
**Evolution**  
Stage Microphones

 **SENNHEISER**  
The Pursuit of Perfect Sound

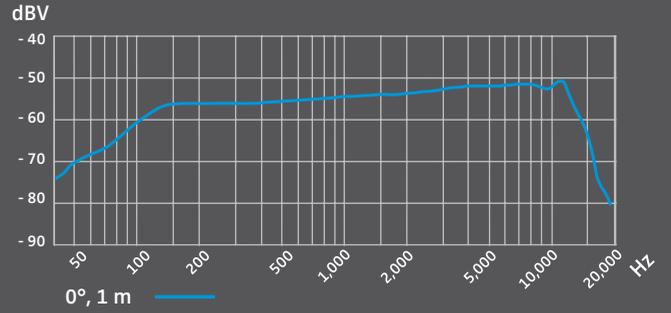
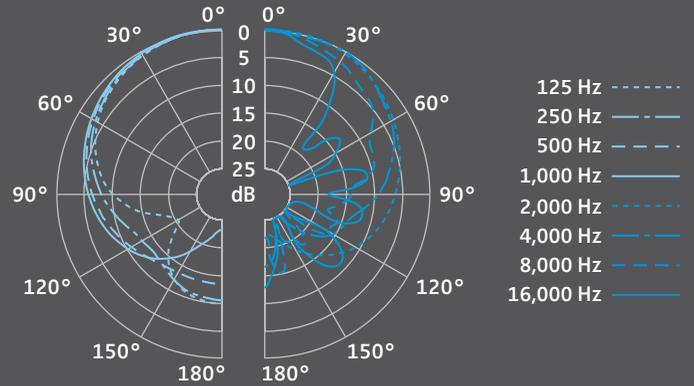
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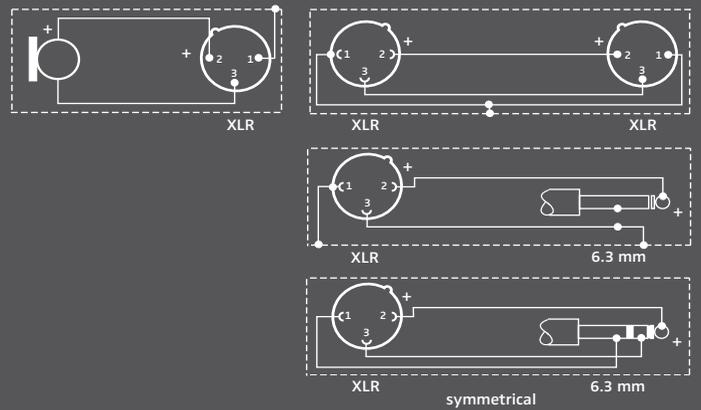
B



C



D



## Important safety information

- Please read this instruction manual carefully and completely before using the product.
- Make this instruction manual easily accessible to all users at all times.
- Always include this instruction manual when passing the product on to third parties.

### Before operation

- Never open the housing of the product. If products are opened by customers in breach of this instruction, the warranty becomes null and void.
- Only use attachments, accessories or spare parts specified by Sennheiser.

### During operation

- Liquids entering the product can short-circuit the electronics or damage the mechanics. Keep all liquids away from the product.
- Solvents or cleansing agents can damage the surface of the product. Only use a soft, slightly damp cloth to clean the product.
- Do not expose the product to extreme temperatures.

### After operation

- Handle the product with care and store it in a clean, dust-free environment.

### Intended use

Intended use includes:

- having read this instruction manual, especially the chapter "Important safety information",
- using the product within the operating conditions and limitations described in this instruction manual.

"Improper use" means using the product other than as described in this instruction manual, or under operating conditions which differ from those described herein.

## The e 904

Full of sound – full of life

With its consistent frequency response, the e 904 creates a sound that is as transparent as it is harmonic and that can be wonderfully shaped. It can be cleanly embedded in the drum mix thanks to its precise attacks and voluminous body.

The set receives an extremely energetic and defined sound with this microphone. The e 904 reliably withstands even the hardest direct hits. Thanks to its practical clip, it is child's play to attach to the rims of snares and tom-toms. And, with its compact form, it takes up a very small amount of space.

### Features

- Compact dynamic microphone
- Consistent frequency response offers wide flexibility for individual sound designs
- Very quick transient response delivers precise attacks
- Extremely simple handling and flexible positioning
- Humbucking coil
- Extremely rugged metal housing

### Package contents

- 1 microphone e 904
- 1 MZH 604 microphone clamp
- 1 pouch
- 1 user manual

### Product overview A\*

- 1 Sound inlet basket
- 2 Microphone clamp
- 3 XLR-3 connector

\* Diagrams can be found on the cover pages.

## Using the microphone

### Positioning the microphone on a drum B

- ▶ Use the microphone clamp ② to attach the e 904 to the rim of the drum.

Pos.	Resulting sound	Commentary
B.1	<ul style="list-style-type: none"> <li>• More fundamental</li> <li>• Little overtones</li> </ul>	Position on the drum: 3–5 cm above the batter head, the fundamental tone to overtones ratio can be adjusted via the angle. The most balanced results are obtained at an angle of 30–60°.
B.2	<ul style="list-style-type: none"> <li>• Less fundamental</li> <li>• Many overtones</li> </ul>	
B.3		Use of a second e 904 for picking up the resonant head and the snares. If necessary, activate phase reversing for one of the microphones.

### Positioning the monitor loudspeakers

- ▶ To prevent feedback and crosstalk, position your monitor loudspeakers in the angle area of the highest cancellation of the microphone (approx. 180°).

## Cleaning and maintaining the e 904

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- Caution**    **Liquids can damage the electronics of the product!**  
 Liquids entering the housing of the product can cause a short-circuit and damage the electronics.
- ▶ Keep all liquids away from the product.
  - ▶ Do not use any solvents or cleansing agents.
- 

- ▶ Only use a soft, slightly damp cloth to clean the product.

## Specifications

Transducer principle	dynamic
Frequency response	40 ... 18,000 Hz
Pick-up pattern	cardioid
Sensitivity (free field, no load at 1 kHz)	2.0 mV/Pa
Nominal impedance (at 1 kHz)	350 $\Omega$
Min. terminating impedance	1 k $\Omega$
Connector	XLR-3
Dimensions	$\emptyset$ 41 x L 63 mm
Weight	125 g

The polar diagram and the frequency response curve C can be found on the cover pages.

The XLR-3 connector assignment D can be found on the cover pages.

## Warranty

Sennheiser electronic GmbH & Co. KG gives a warranty of 24 months on this product.

For the current warranty conditions, please visit our website at [www.sennheiser.com](http://www.sennheiser.com) or contact your Sennheiser partner.

### FOR AUSTRALIA ONLY

Sennheiser goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is in addition to other rights or remedies under law. Nothing in this warranty excludes, limits or modifies any liability of Sennheiser which is imposed by law, or limits or modifies any remedy available to the consumer which is granted by law.

To make a claim under this warranty, contact Sennheiser Australia Pty Ltd, Unit 3, 31 Gibbes Street Chatswood NSW 2067, AUSTRALIA.

Phone: (02) 9910 6700, email: [service@sennheiser.com.au](mailto:service@sennheiser.com.au).

All expenses of claiming the warranty will be borne by the person making the claim.

The Sennheiser International Warranty is provided by Sennheiser Australia Pty Ltd (ABN 68 165 388 312), Unit 3, 31 Gibbes Street Chatswood NSW 2067 Australia.

## In compliance with the following requirements

- WEEE Directive (2012/19/EU)

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

## CE Declaration of Conformity

- RoHS Directive (2011/65/EU)

The declaration is available at [www.sennheiser.com/download](http://www.sennheiser.com/download).





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