

e 908



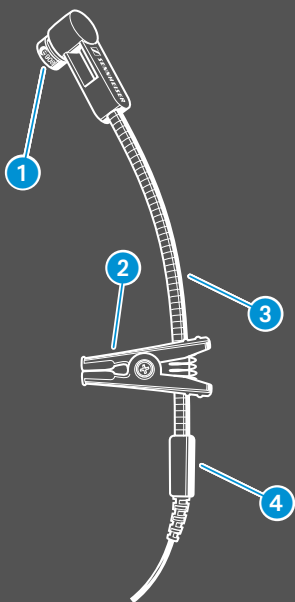
Bedienungsanleitung
Instruction manual
Notice d'emploi
Istruzioni per l'uso
Instrucciones de uso
Manual de utilização
Gebruiksaanwijzing
Инструкция по эксплуатации
使用说明

evolution
Stage Microphones

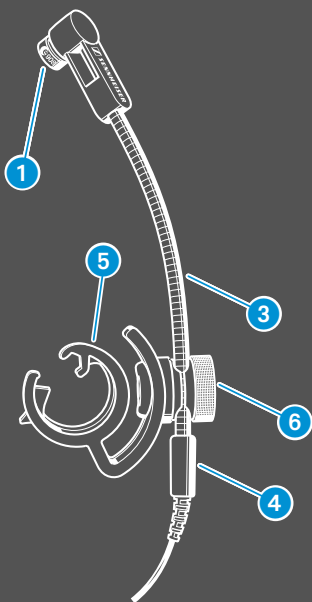
SENNHEISER
The Pursuit of Perfect Sound

A

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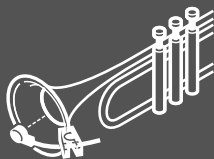


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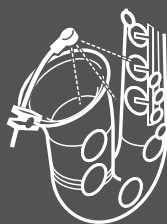
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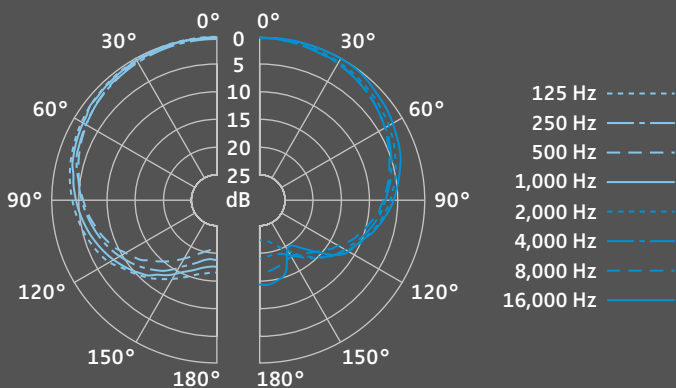
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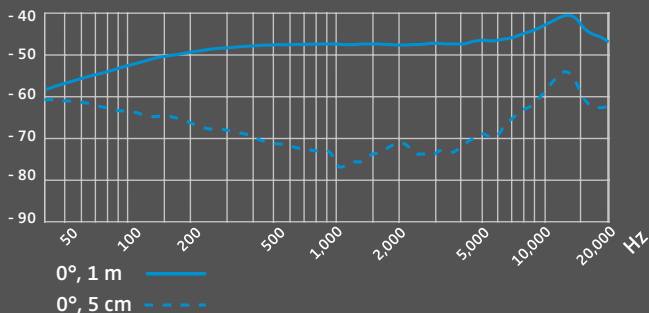
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C



dBV



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 908 B/e 908 B ew/e 908 D

These microphones are professional pre-polarized condenser microphones. An extended dynamic range and a well balanced frequency response deliver an outstanding signal quality with excellent projection and the lowest possible distortion. An excellent directivity across the whole frequency range enables the mics to handle the highest signal levels without feedback.

The e 908 D has been developed especially for drums and percussion. The e 908 B is designed for wired use with wind instruments, but thanks to its instrument clamp it is also suitable for drums with suspension systems or for congas. When combined with an ew bodypack transmitter (SK 100 G3, SK 300 G3, SK 500 G3), the e 908 B ew is an ideal way to give wireless freedom to saxophones.

For wired applications, please use the MZA 900 P phantom power adapter, which adds phantom powering capability making these mics suitable for direct connection to professional mixing consoles.

Extensive damping and shock mounting isolates the capsules from extraneous vibrations, impact and handling noise.

The long, flexible goosenecks enable the mics to be optimally positioned on the instrument.

Features

- Exceptionally vivid, clear sound
- Optimum positioning on the instrument due to flexible gooseneck
- Shock-mounted capsule provides low sensitivity to impact and handling noise
- Rugged metal housing
- Extremely robust connection cable
- Can optionally be used with any ew bodypack transmitter or the MZA 900 P phantom power adapter

Package contents

e 908 D	e 908 B	e 908 B ew
e 908 D microphone	e 908 B microphone	e 908 B ew microphone
MZA 900 P phantom power adapter	MZA 900 P phantom power adapter	—
MZH 908 D microphone clamp	MZH 908 B microphone clamp	MZH 908 B microphone clamp
Pouch	Pouch	Pouch
Instruction manual	Instruction manual	Instruction manual

Product overview A*

e 908 D A.1	e 908 B A.2	e 908 B ew A.2
<ol style="list-style-type: none">1 Microphone head2 MZH 908 D microphone clamp3 Gooseneck4 XLR-3 connector5 Clip6 Knurled screw	<ol style="list-style-type: none">1 Microphone head2 MZH 908 B microphone clamp3 Gooseneck4 XLR-3 connector	<ol style="list-style-type: none">1 Microphone head2 MZH 908 B microphone clamp3 Gooseneck4 3.5 mm jack

* Diagrams can be found on the cover pages.

Using the microphone

Positioning the microphone on a wind instrument B (e 908 B, e 908 B ew)

- ▶ Use the microphone clamp ② to attach the e 908 to the bell of the instrument.

Pos.	Resulting sound	Commentary
B.1	<ul style="list-style-type: none">• Reduced ambient noise	Directed into the bell of the instrument.
B.2	<ul style="list-style-type: none">• Clear, powerful sound	
B.3	<ul style="list-style-type: none">• Balanced, natural sound	Directed partly towards the bell and partly towards the body of the instrument.

Positioning the microphone on a drum B (e 908 D)

- ▶ Attach the drum clamp ② to the rim of the drum by putting the upper part of the clip ⑤ onto the rim and clipping it on by pushing down the drum clamp ② in a rotating action until it snaps into place.
- ▶ Loosen the knurled screw ⑥.
- ▶ Insert the gooseneck ③ from the side into one of the two slots.
- ▶ Tighten the knurled screw ⑥.

Pos.	Resulting sound	Commentary
B.4	<ul style="list-style-type: none">• More fundamental• Little overtones	Position on the drum: 3–5 cm above the drumskin, directed towards the center of the drumskin, the fundamental to overtones ratio can be adjusted by changing the angle of the microphone. The most balanced results are obtained at an angle of 30–60°.
B.5	<ul style="list-style-type: none">• Less fundamental• Many overtones	
B.6	<ul style="list-style-type: none">• Pronounced proximity effect	Optional: tangential position of the gooseneck in order to reduce the distance to the drumskin.

You can attach two microphones to the drum clamp (e.g. for picking up two toms in cramped space conditions). To do so, use both slots of the drum clamp.

The various adjustment possibilities of the MZH 908 D and MZH 908 B clamps together with the flexible gooseneck enable the microphone to be optimally positioned on the sound source (see arrows in the diagrams C).

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 908

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	pre-polarized condenser microphone
Frequency response	40 ... 20,000 Hz
Pick-up pattern	cardioid
Sensitivity (free field, no load at 1 kHz)	4.0 mV/Pa
Nominal impedance (at 1 kHz)	100 Ω (balanced)*
Min. terminating impedance	2 k Ω *
Connector	
e 908 B, e 908 D	XLR-3*
e 908 B ew	3.5 mm jack
Dimensions	\varnothing 47 x 193 mm
Weight	140 g

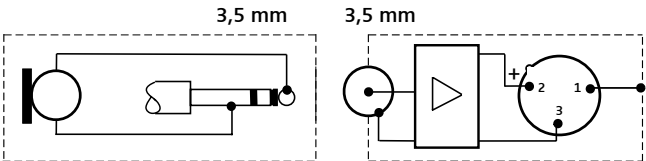
* with MZA 900 P (e 908 B/e 908 D)

e 908 B ew for direct connection to ew transmitters

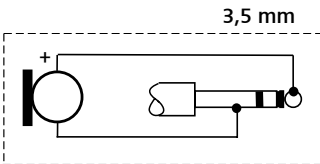
The polar diagram and the frequency response curve D can be found on the cover pages.

Connector assignment

e 908 B/e 908 D



e 908 B ew



Manufacturer Declarations

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 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.

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)
- EMC Directive (2004/108/EC)

The declaration is available at www.sennheiser.com.



e 602-II

e 604

e 608

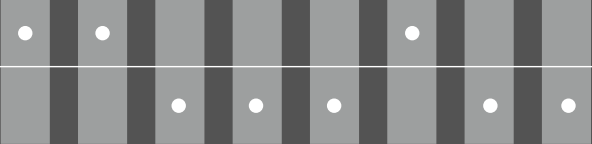
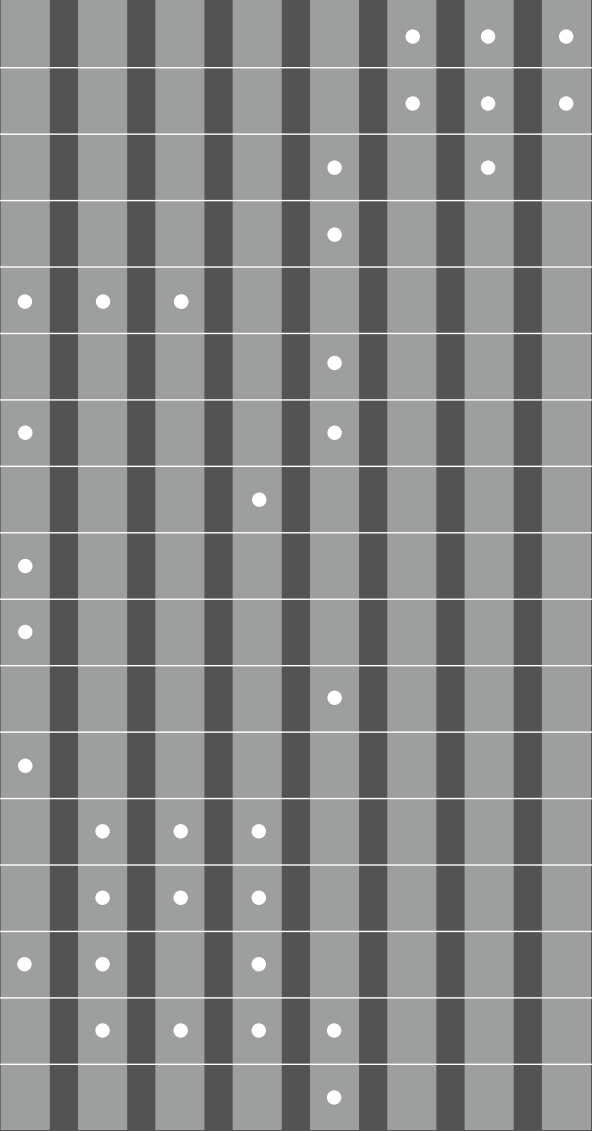
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Printed in Germany, Publ. 08/15, 511912/A02