



e 908

Instruction manual

SENNHEISER



Delivery includes

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e 908 D

- e 908 D microphone
- MZA 900 P phantom power adapter
- MZH 908 D microphone clamp
- Pouch
- Quick guide
- Safety guide

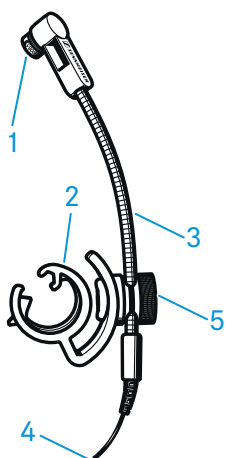
e 908 B

- e 908 B microphone
- MZA 900 P phantom power adapter
- MZH 908 B microphone clamp
- Pouch
- Quick guide
- Safety guide

e 908 B ew

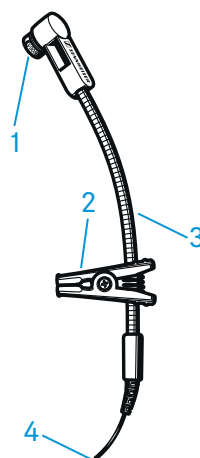
- e 908 B ew microphone
- MZH 908 B microphone clamp
- Pouch
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- Safety guide

Product overview



e 908 D

1. Microphone head
2. MZH 908 D microphone clamp
3. Gooseneck
4. XLR-3 connector
5. Knurled screw



e 908 B / e 908 B ew

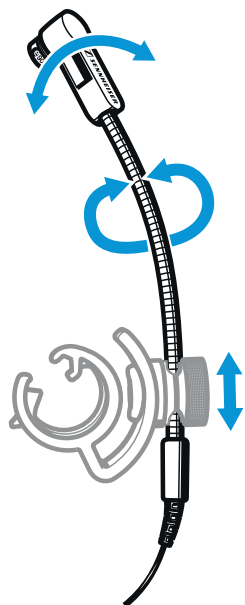
1. Microphone head
2. MZH 908 B microphone clamp
3. Gooseneck
4. e 908 B: XLR-3 connector
e 908 B ew: 3.5 mm jack



Installation

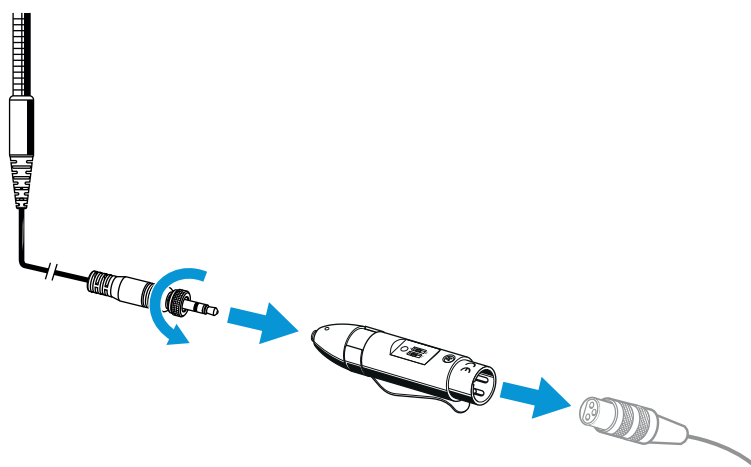
Attaching the microphone

- ▷ Carefully bend the flexible goose neck.



Connecting the microphone

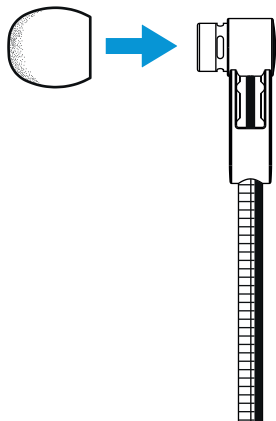
- ▷ Plug the 3.5 mm mini jack plug into the 3.5mm jack socket of the MZA 900 P phantom power adapter (included with e 908 B and e 908 D).
- ▷ Tighten the coupling ring.
- ▷ Plug the XLR cable into the XLR output of the MZA 900 P phantom power adapter.





Using the windshield

- ▷ Place the MZW 908 (optional accessories) windshield over the microphone head.



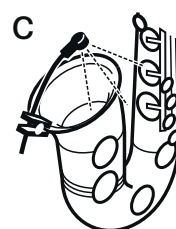
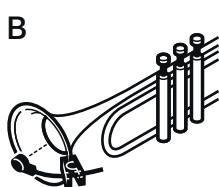
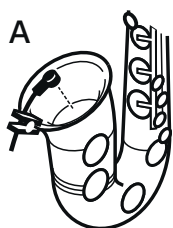


Operation

Positioning the microphone e 908 B/e 908 B ew on a wind instrument

- ▷ Use the microphone clamp to attach the e 908 to the bell of the instrument.
- ▷ It is vital to observe the following notes:

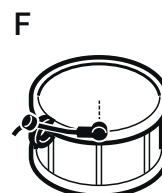
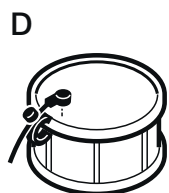
Position	Resulting sound	Commentary
A	Reduced ambient noise	Directed into the bell of the instrument.
B	Clear, powerful sound	
C	Balanced, natural sound	Directed partly towards the bell and partly towards the body of the instrument.



Positioning the microphone e 908 D on a drum

- ▷ Attach the drum clamp to the rim of the drum by putting the upper part of the clip onto the rim and clipping it on by pushing down the drum clamp in a rotating action until it snaps into place.
- ▷ Loosen the knurled screw.
- ▷ Insert the gooseneck from the side into one of the two slots.
- ▷ Tighten the knurled screw.
- ▷ It is vital to observe the following notes:

Position	Resulting sound	Commentary
D	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°.
E	Less fundamental Many overtones	
F	Pronounced proximity effect	Optional: tangential position of the gooseneck in order to reduce the distance to the drumskin.



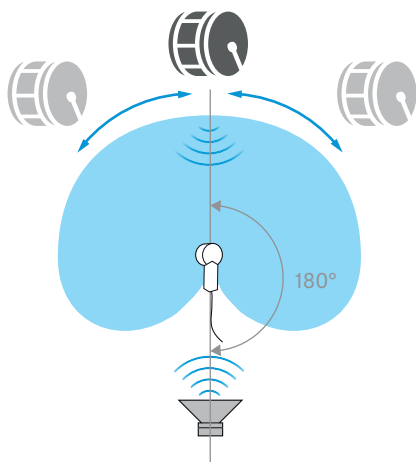
You can attach two microphones to the drum clamp (e.g. for picking up two toms in cramped space conditions). To do so, use both slots of the drum clamp.

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.



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°).



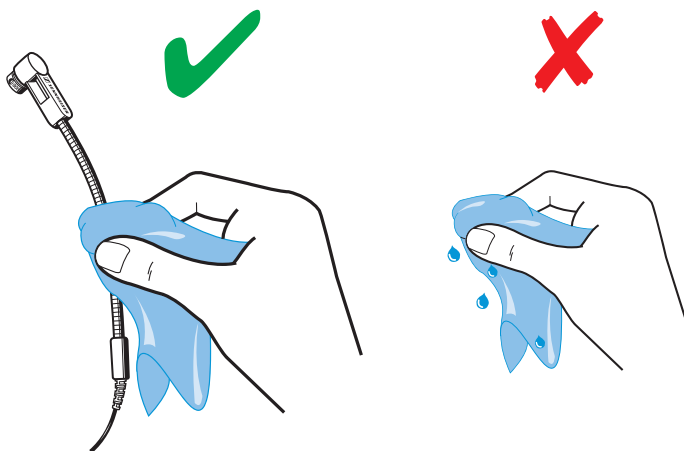
Cleaning and maintaining the e 908

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.
- ▷ Disconnect the products from the power supply system and remove rechargeable batteries and batteries before you begin cleaning.
- ▷ Clean all products only with a soft, dry cloth.



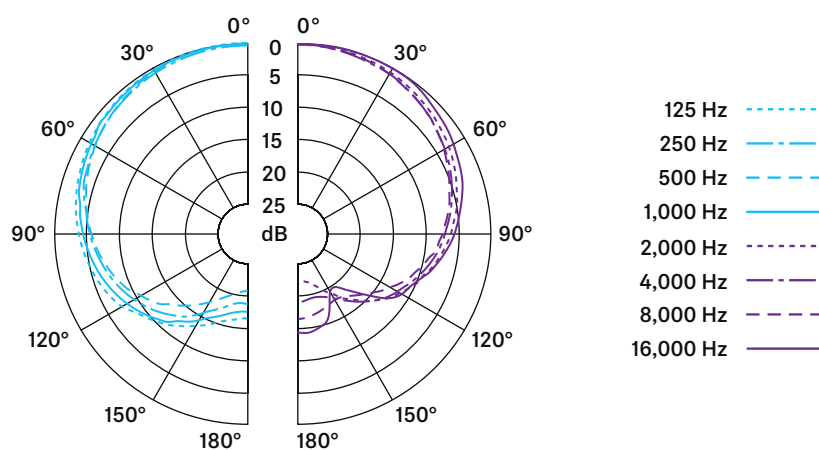


Specifications

Transducer principle	pre-polarised condenser microphone
Frequency response	40 - 20,000 Hz
Pick-up pattern	cardioid
Sensitivity (free field, no load)	4.0 mV/Pa
Nominal impedance (at 1 kHz)	100 Ω (balanced)*
Min. terminating impedance	2 k Ω *
Max. sound pressure level (active)	
e 908 B, e 908 D	35 dB(A)
e 908 B ew	30 dB(A)
Phantom powering	12 - 48 V*
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

Polar pattern



Frequency response

