







e 845/e 845 S

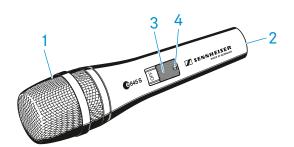
Instruction manual



Delivery includes

- e 845 / e 845 S
- MZQ 800 microphone clamp
- pouch
- quick guide
- safety guide

Product overview



- 1. Sound inlet basket
- 2. XLR-3 connector
- 3. On/off switch (e 845 S only)
- 4. Screw (e 845 S only)

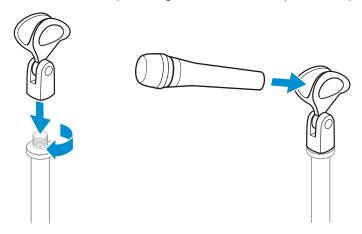
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Installation

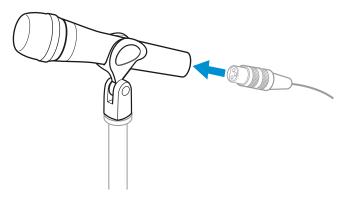
Attaching the microphone

- > Screw the microphone clamp to a stand.
- ▶ Place the microphone with its back end into the microphone clamp.
- ▷ Orient the microphone together with the microphone clamp.



Connecting the microphone

Connect the XLR-3 socket of the microphone cable (optional accessories) to the XLR-3 socket of the microphone.



Using the windshield

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hd$ Place the MZW 4032 (optional accessories) windshield over the microphone head.



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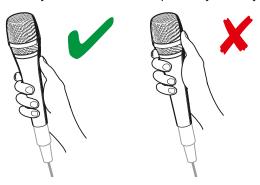


Operation

Holding the microphone

If you cover the microphone head during transmission, this will change the pick-up pattern of the microphone and consequently the sound.

▷ Only hold the radio microphone by its body.

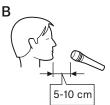


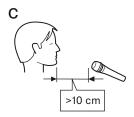
Positioning the microphone

▷ It is vital to observe the following notes:

Position	Resulting sound	Commentary					
A	High proximity effect (large bass boost) Powerful, direct sound	Very little crosstalk from other sound sources					
В	Less proximity effect (less bass boost) Some room ambience, natural, balanced sound	More crosstalk from other sound sources					
С	Very little proximity effect (minimal bass boost) More room ambience, indirect sound	Higher crosstalk from other sound sources					







If sibilance occurs:

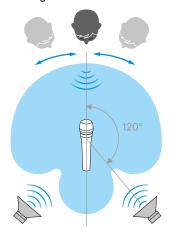
▶ Position the microphone slightly to the side and not directly in front of the mouth.

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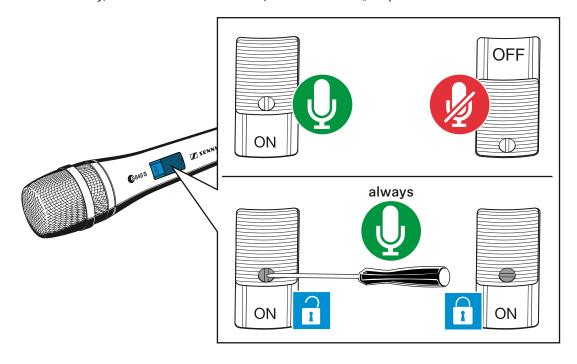
Positioning the monitor loudspeakers

➤ To prevent feedback and crosstalk, postion your monitor loudspeakers in the angle area of the highest cancellation of the microphone (approx. 120°).



Switching the e 845 S on/off

- ▶ Use the on/off switch to switch the the e 845 S on or off.
- $\, \triangleright \,$ If necessary, use the screw to lock the on/off switch in the "on" position.



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Cleaning and maintaining the e 845 / e 845 S

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.

- ▶ 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.

Cleaning the sound inlet basket of the microphone module

- ▶ Unscrew the sound inlet basket.
- ▶ Remove the foam insert from the sound inlet basket.
- ${f
 ho}$ Use a slightly damp cloth to clean the sound inlet basket from the inside and ouside.
- ▶ If necessary, clean the foam insert with a mild detergent or replace the foam insert.
- ▷ Dry the foam insert.
- ▶ Reinsert the foam insert.
- ▶ Replace the sound inlet basket on the microphone head and screw it tight.



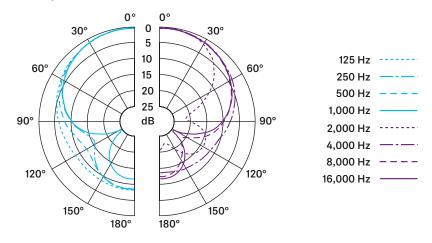
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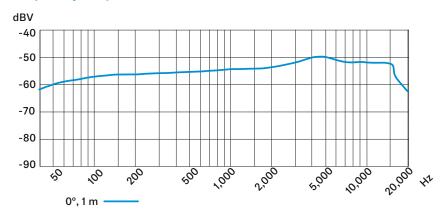
Specifications

Transducer principle	dynamic							
Frequency response	40 - 16,000 Hz							
Pick-up pattern	super-cardioid							
Sensitivity (free field, no load)	1.8 mV/Pa							
Nominal impedance (at 1 kHz)	350 Ω							
Min. terminating impedance	1 kΩ							
Connector	XLR-3							
Temperature range	0 °C to +40 °C							
Dimensions	Ø 46 x 185 mm							
Weight	330 g							

Polar pattern



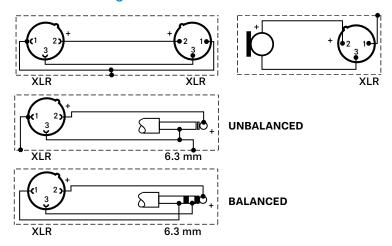
Frequency response



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Connector assignment



Overview of applications

- Primary application
- Secondary application

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e 608					•								•	•		•			•
e 609 silver								•					•	•	•	•			•
e 614			•	•		•	•				•					•	•		•
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