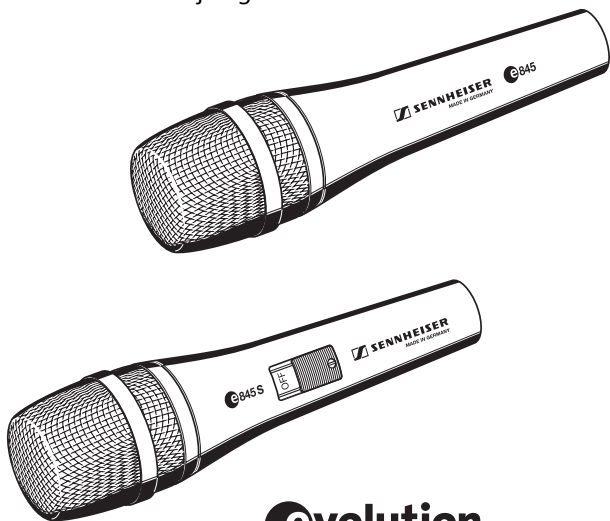


e845**e845 S**

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

**evolution**

☉845 / ☉845 S

The ☉845 is a high-performance lead vocal microphone, specially designed for rough stage use. Due to its extended high-frequency response and super-cardioid pick-up pattern, the ☉845 ensures vocal projection through high on-stage sound levels.

The microphone has a smooth, warm tonal response and full dynamic range. The presence boost ensures vocal clarity and projection.

The balanced frequency response maintains signal quality when moving on and off axis during performance. The minimal proximity effect provides for consistently clear bass-end performance when singing closer to, or further from the microphone, providing greater on-stage freedom.

The super-cardioid pick-up pattern provides excellent feedback rejection. The rugged metal construction and internal damping isolates handling noise.

The ☉845 S variant features a silent ON/OFF switch.

Features

- Rugged all metal body
- Full dynamic range and smooth frequency response for excellent signal quality
- Excellent feedback rejection
- Very good suppression of handling noise
- Humbucking coil

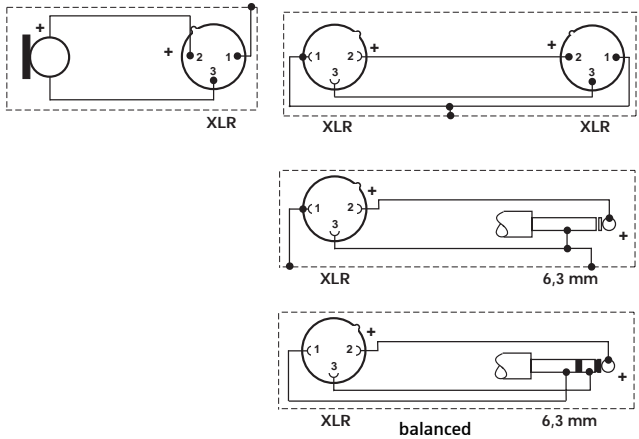
Delivery includes

- 845 microphone
- MZQ 800 microphone clamp
- Pouch
- Instructions for use
- Warranty Certificate

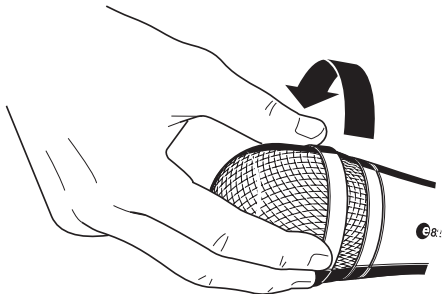
ON/OFF switch (845 S only)

Use the screw to lock the switch in the ON position. With the switch set in the ON position, gently turn the screw head 90° to lock the switch in position.


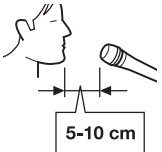
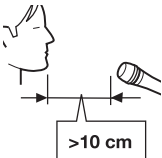
Pin assignment of XLR-3 connector



Removing the sound inlet basket



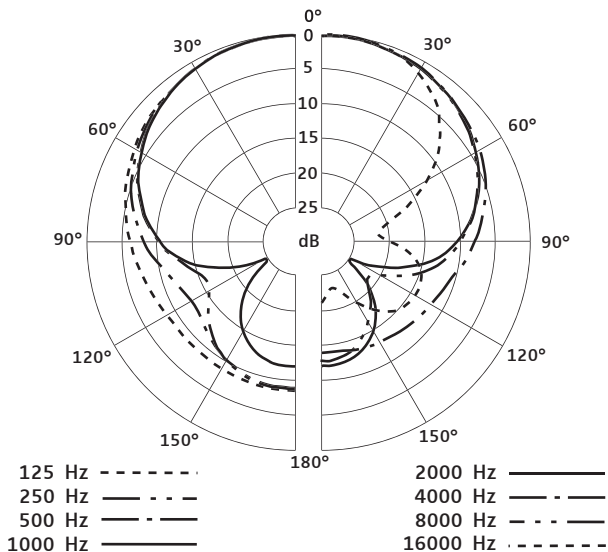
Positioning the microphone

Position	Resulting sound	Commentary
	High proximity effect (much bass/ fundamental) Powerful, direct sound	Very little crosstalk from other sound sources
	Less proximity effect (less bass/ fundamental) Some room ambience, natural, balanced sound	More crosstalk from other sound sources
	Very little proximity effect (little bass/ fundamental) More room ambience, indirect sound	Much crosstalk from other sound sources

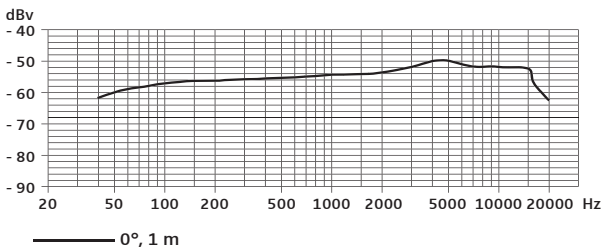
If sibilance or “popping” occurs, position the microphone not directly in front of the mouth but slightly to the side. In order to prevent feedback, position monitor loudspeakers so that they are located in the angle area of the highest cancellation of the microphone.

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. 120° ; see polar diagram).

Polar diagram



Frequency response curve



Specifications

Transducer principle	dynamic
Frequency response	40.....16,000 Hz
Pick-up pattern	super-cardioid
Sensitivity (free field, no load at 1 kHz)	1.8 mV/Pa
Nominal impedance	350 Ω
Min. terminating impedance	1 k Ω
Connector	XLR-3
Weight	330 g
Dimensions	\emptyset 46 x L 185 mm

Overview of microphone applications

Application	Variant										
	e602-II	e604	e606	e608	e614	e815	e825	e835	e840	e845	e865
Vocals						x	x	x	x	x	x
Choirs					x						
Studio, acoustic instruments					x						
Orchestra					x						
Brass / Saxophone	x	x		x							
Acoustic guitar					x						
Acoustic bass					x						
Guitar amplifiers			x								
Bass amplifiers	x										
Leslie	x	x	x								
Piano, grand piano					x						
Kick drums	x										
Snare drums		x	x	x							
Rack toms		x	x	x							
Floor toms	x	x	x								
Congas		x	x	x							
Cymbals					x						
Percussion		x	x	x	x						
Overheads					x						

Manufacturer declarations

Waaranty

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.



Sennheiser electronic GmbH & Co. KG
30900 Wedemark, Germany
Phone +49 (5130) 600 0
Fax +49 (5130) 600 300
www.sennheiser.com

Printed in Germany

Publ. 03/07

511656/A04