

e 614

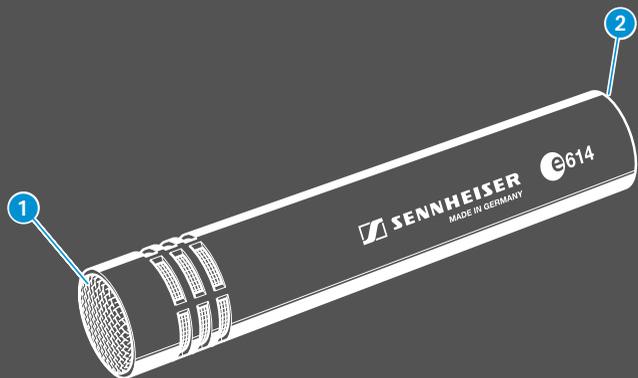


Bedienungsanleitung
Instruction manual
Notice d'emploi
Istruzioni per l'uso
Instrucciones de uso
Manual de utilização
Gebruiksaanwijzing
Инструкция по эксплуатации
使用说明

evolution
Stage Microphones

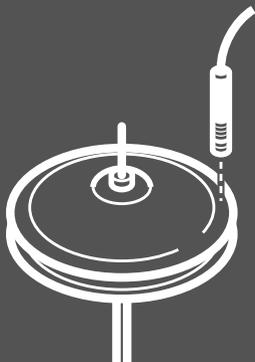
SENNHEISER
The Pursuit of Perfect Sound

A



B

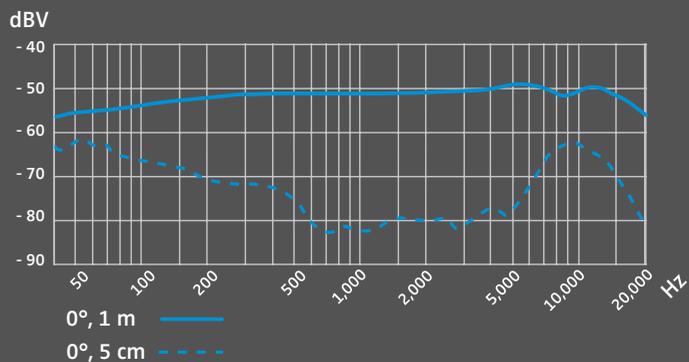
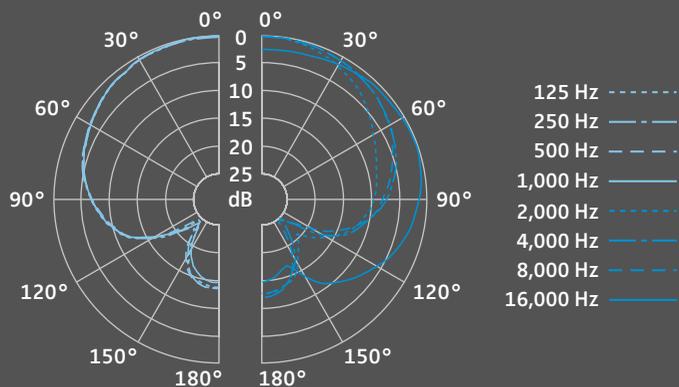
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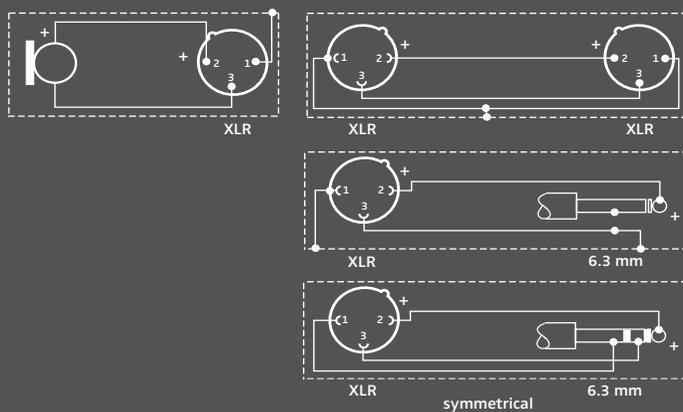
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C



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.

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The e 614

The super-cardioid e 614 is a pre-polarised condenser microphone designed for demanding applications which require a wide frequency response, high sound pressure level, fast transient response and a compact design. With its frequency response of 40 Hz to 20 kHz, the e 614 is able to capture the full sound of the instrument, while its super-cardioid pick-up pattern isolates the microphone from other on-stage signals.

An excellent microphone for overheads, hi-hat and percussions, the e 614 is also an ideal choice for wood-wind and string instruments. Its excellent acoustic properties also make it a valuable tool for home recording, the project studio and live stereo pair recording.

Features

- Condenser microphone
- Excellent directivity across the entire extended frequency range (40-20,000 Hz)
- Natural sound for flexible applications
- Designed for high SPLs
- Sturdy metal housing

Package contents

- 1 e 614 microphone
- 1 Pouch
- 1 MZQ 100 microphone clamp
- 1 Instructions for use

Product overview A*

- 1 Sound inlet basket
- 2 XLR-3 connector

* Diagrams can be found on the cover pages.

Using the microphone

Positioning the microphone B

Drums / Percussions

Pos.	Resulting sound	Commentary
B.1	<ul style="list-style-type: none">Natural, clear sound	<p>Position the microphone a few centimetres above the outer edge of the hi-hat aiming down. If necessary, remove unwanted low-frequency signal portions by high pass filtering.</p> <p>Attention: When closing the hi-hat, a strong air current is created on the edge. If the microphone is positioned too close to the edge, interfering noise due to the air current can occur.</p>
B.2	<ul style="list-style-type: none">More fundamental, little overtones	

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. 135°; see polar diagram)

Cleaning and maintaining the e 614

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.

- ▶ Unscrew the sound inlet basket ①.
- ▶ Remove the foam insert from the sound inlet basket ①.
- ▶ Use a slightly damp cloth to clean the sound inlet basket ① from the inside and outside.
- ▶ Reinsert the foam insert into the sound inlet basket ① and replace the sound inlet basket on the microphone and screw it tight.

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Specifications

Transducer principle	pre-polarised condenser microphone
Frequency response	40....20,000 Hz
Pick-up pattern	super-cardioid
Sensitivity (free field, no load at 1 kHz)	3 mV/Pa
Nominal impedance	50 Ω
Min. terminating impedance	1 k Ω
Phantom powering	12 – 52 V / 3 mA
Connector	XLR-3
Dimensions	\varnothing 20 mm, L 100 mm
Weight	93 g
Max. sound pressure level at 1 kHz	139 dB/SPL

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.

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)

The declaration is available at www.sennheiser.com/download.

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