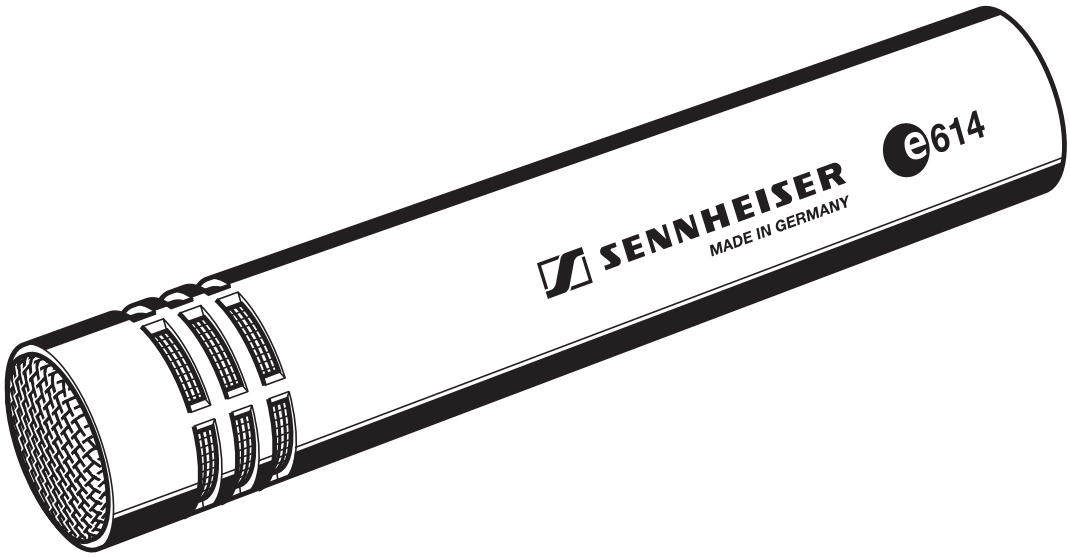
SENNHEISER

e614

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



evolution

Deutsch

English

Français

Italian

Español

Nederlands

e614

The super-cardioid e614 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 e614 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 e614 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.

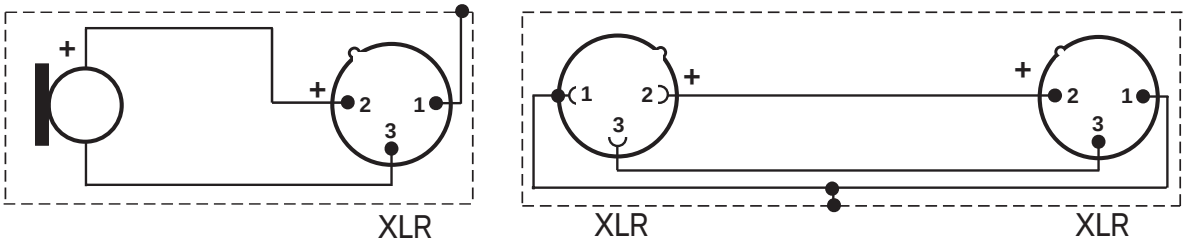
Features

- Rugged design
- Excellent directivity across the whole frequency range
- Full, natural sound
- High maximum sound pressure level
- Wide frequency response

Delivery includes

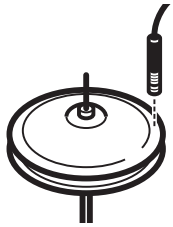
- e614 microphone
- Pouch
- MZQ 100 microphone clamp
- Instructions for use
- Warranty Certificate

Pin assignment of XLR-3 connector



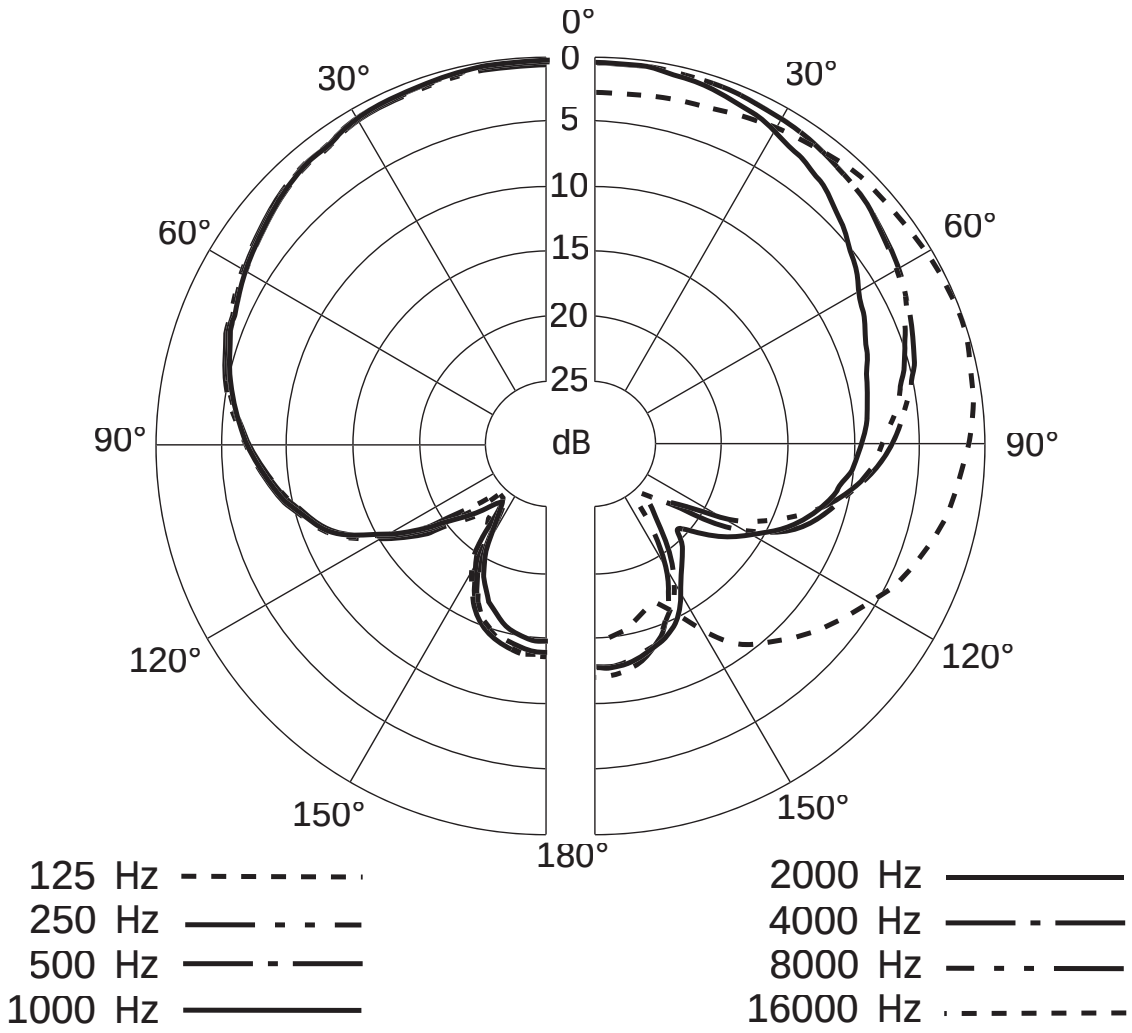
Positioning the microphone

Drums / Percussions

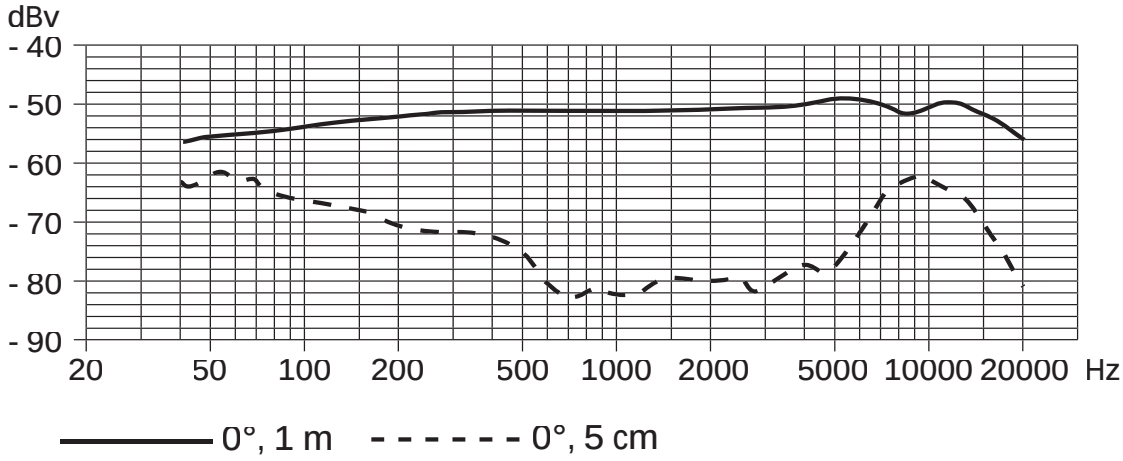
Position	Resulting sound	Commentary
	Natural, clear sound	Position the microphone a few centimetres above the outer edge of the hi-hat aiming down. If necessary, remove unwanted low-frequency signal portions by high pass filtering. Attention: When closing the hi-hat, a strong air current is created on the edge. If the microphone is positioned too close to the edge, interfering noise due to the air current can occur.
	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)

Polar diagram



Frequency response curve



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
Max. sound pressure level at 1 kHz	139 dB/SPL
Nominal impedance	50 Ω
Min. terminating impedance	1 kΩ
Phantom powering	12 – 52 V / 3 mA
Connector	XLR-3
Dimensions	Ø 20 mm, L 100 mm
Weight	93 g

Overview of microphone applications

Application \ Variant	e602	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

Warranty

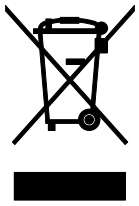
2 years

Approval

CE

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.

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