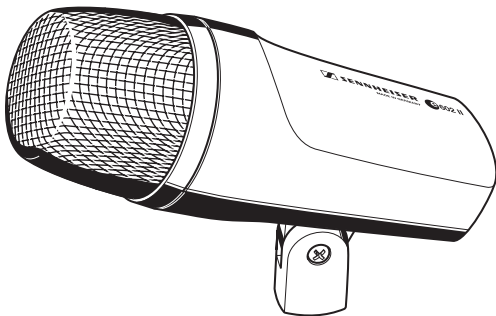


# **e602-II**

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



 **evolution**

## e602-II

The cardioid e602-II is a dynamic microphone especially suitable for use with kick drums, bass guitar cabs, tubas and other low frequency instruments.

Its lightweight high-performance voice coil construction delivers fast transient signals. The low frequency extension and mid band attenuation produce an ultra-smooth pre-shaped signal. The microphone is ideal for direct use on the most problematic bass signal sources.

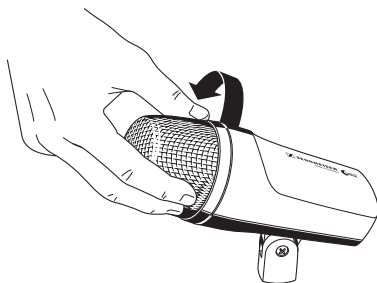
### Features

- Rugged, lightweight aluminium body for stable positioning on long microphone boom arms
- Lightweight high-performance voice coil construction for fast transient response
- Low frequency extension
- Ideal for direct use on the most problematic bass signal sources
- Frequency-independent directivity provides effective rejection of incidental rear noise
- Humbucking coil
- Integral stand mount

## Delivery includes




- e602-II microphone
- Pouch
- Instructions for use
- Warranty Certificate

## Removing the sound inlet basket



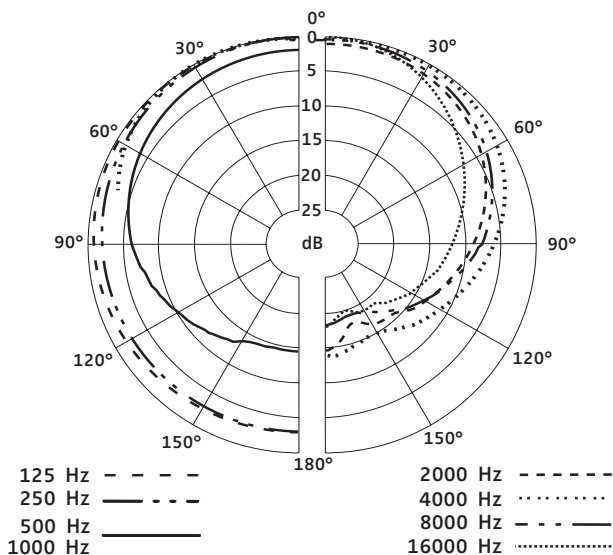
# Positioning the microphone

## Kick drums

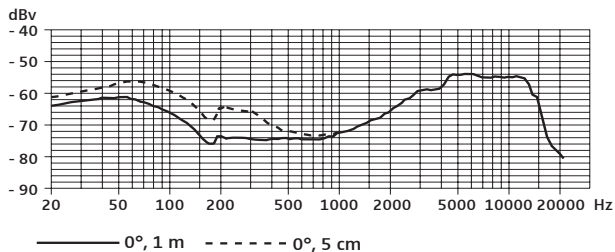
Position	Resulting sound	Commentary
	Much attack, little resonance, dry	Position the microphone at a distance of a few centimeters from the batter head.
	Less attack, much resonance, smooth, voluminous	Position the microphone at the level of the resonant head.
	Less attack	Position the microphone in the middle between the batter head and the re-sonant head. For less attack in all three positions, turn the microphone away from where the beater strikes.

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. 180°; see polar diagram).

## Polar diagram



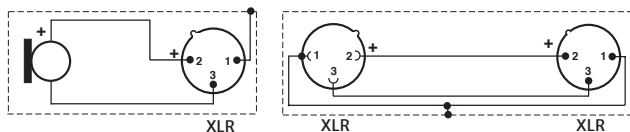
## Frequency response curve



## Specifications

Transducer principle	dynamic
Frequency response	20.....16,000 Hz
Pick-up pattern	cardioid
Sensitivity (free field, no load)	0.9 mV/Pa (at 50 Hz) 0.25 mV/Pa (at 1 kHz)
Nominal impedance (at 1 kHz)	350 $\Omega$
Min. terminating impedance	1 k $\Omega$
Connector	XLR-3
Dimensions	Ø 60 x L 153 mm
Weight	318 g

## Pin assignment of XLR-3 connector



## Overview of microphone applications

Variant Application	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

## Warranty

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](http://www.sennheiser.com)