

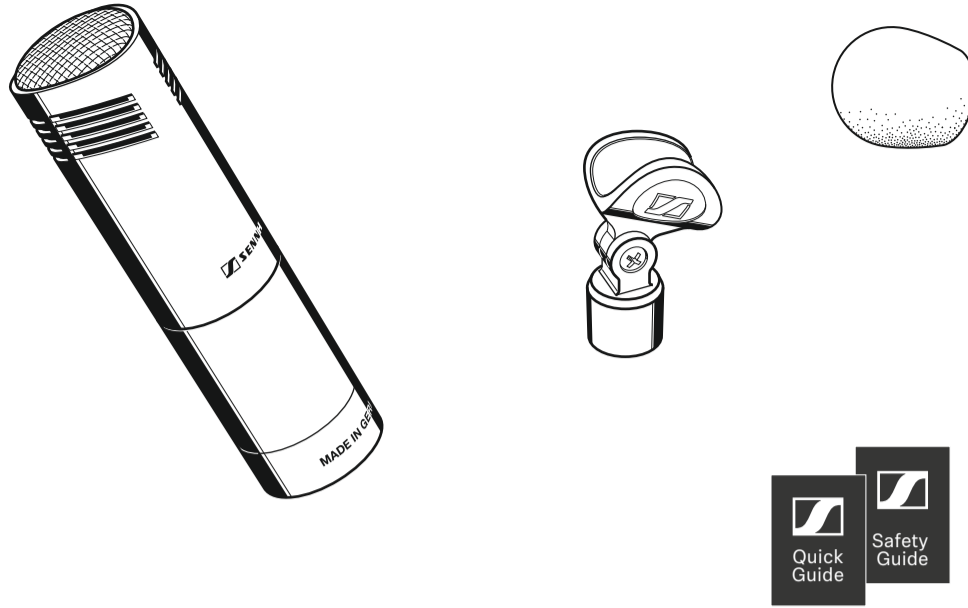


# MKH 8090

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- Kurzanleitung
- Guide rapide
- Guía rápida
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- Guia rápido
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- Краткая инструкция
- 快速指南
- 快速使用指南
- クイックガイド
- 퀵 가이드

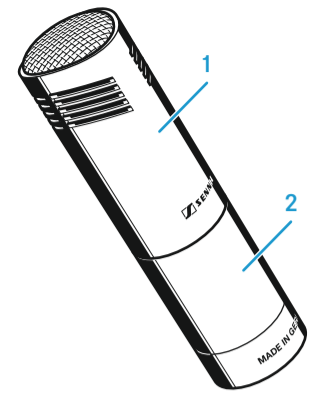
**SENNHEISER**

## In the box

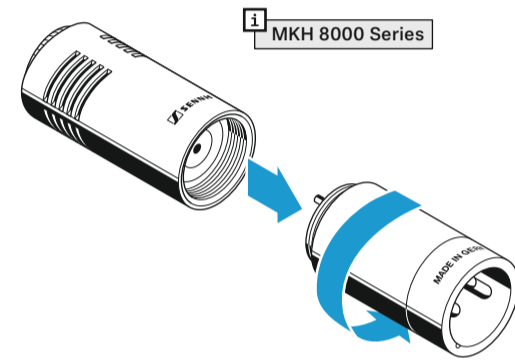
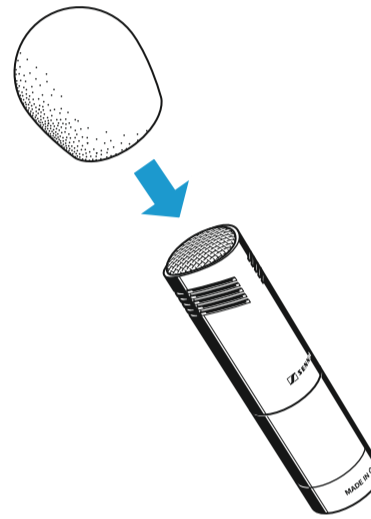
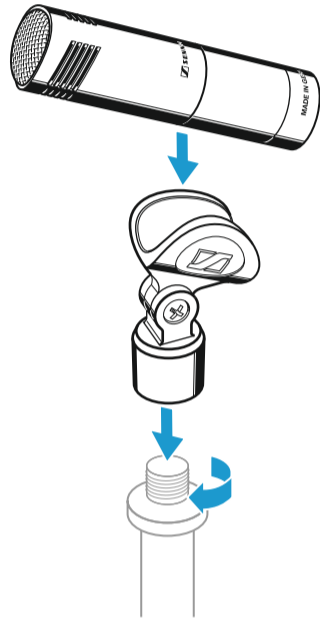


## Overview

- 1 Microphone head
- 2 XLR module



## Setup



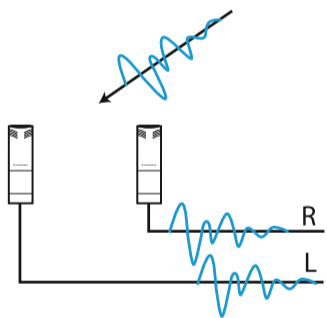
Sennheiser electronic GmbH & Co. KG

Am Labor 1, 30900 Wedemark, Germany  
www.sennheiser.com

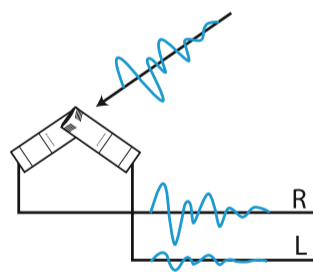
Printed in Germany, Publ. 07/23, 581393/A04

## Stereo recording

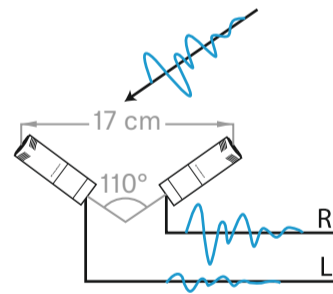
**Time-of-arrival stereo (AB):**  
(almost) only time-of-arrival differences



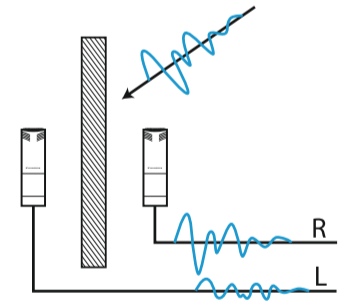
**Intensity stereo (XY):**  
only sound pressure level differences



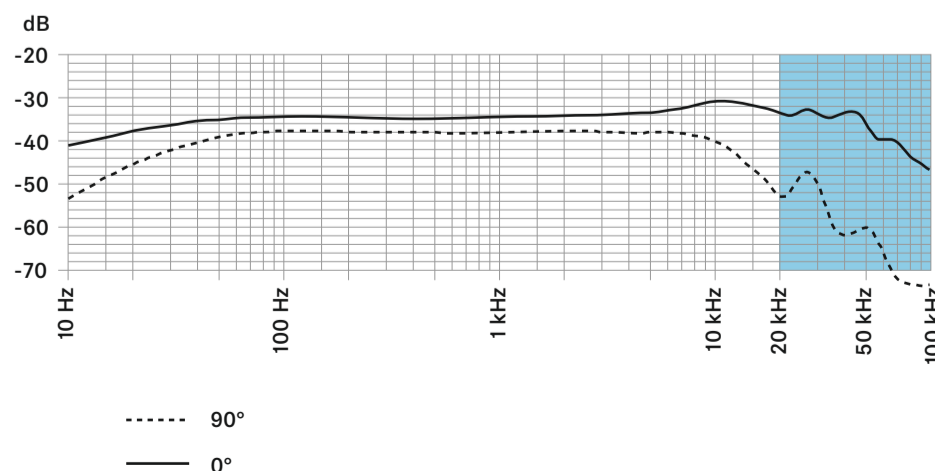
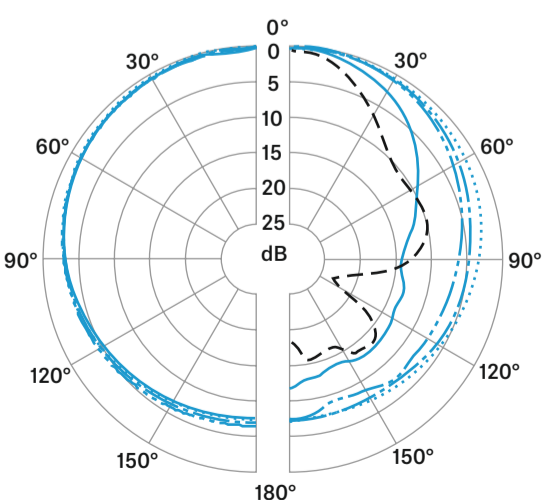
**Equivalence or mixed stereo (here: ORTF):**  
sound pressure level and time-of-arrival differences



**Baffle stereo (here: OSS):**  
sound pressure level, time-of-arrival and spectral differences with off-axis sound





## Polar pattern and frequency response

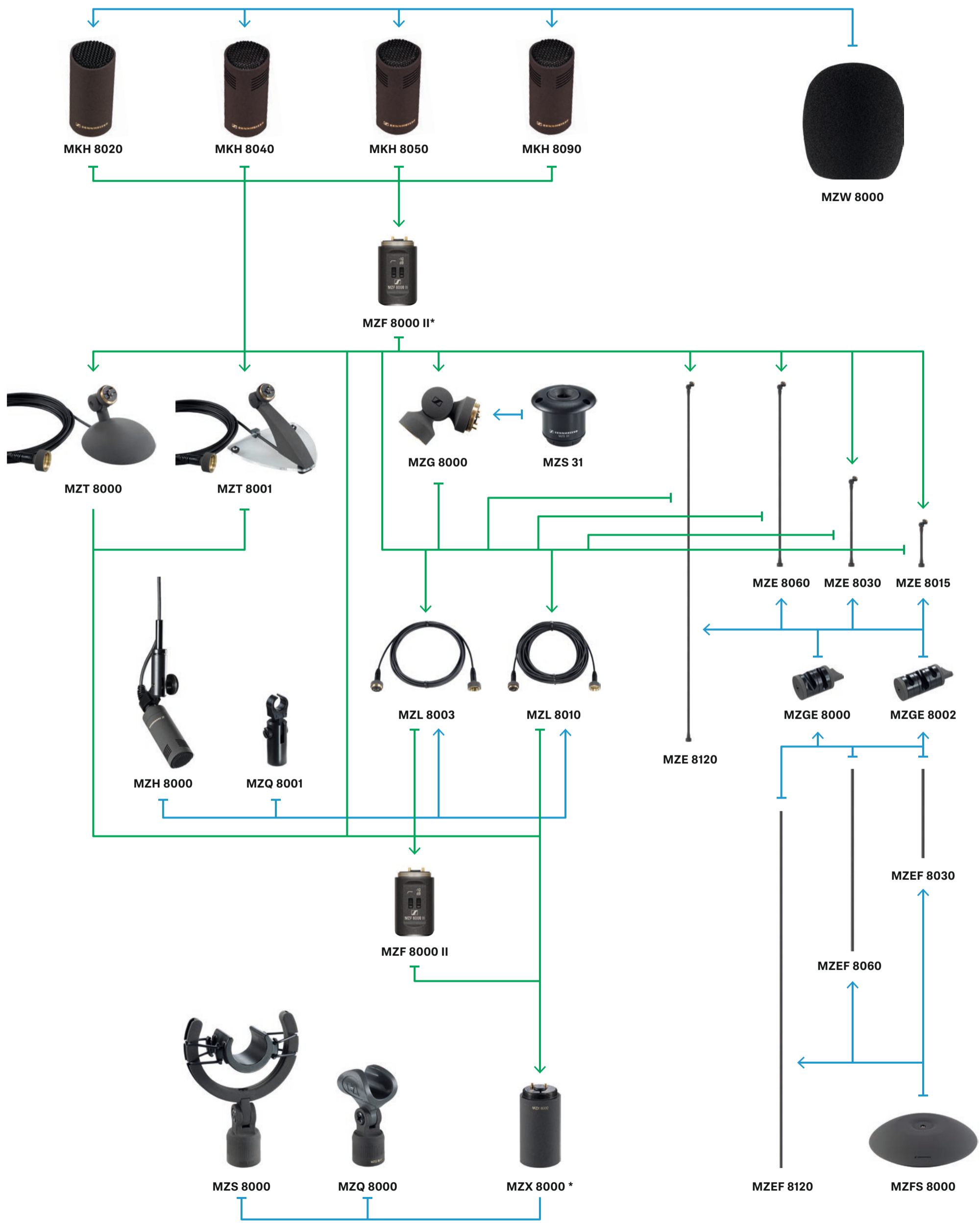


## Specifications

Pick-up pattern	wide cardioid
Frequency response	30 - 50,000 Hz
Sensitivity	-34 dBV/Pa (31 mV/Pa) with MZF 8000 II -44 dBV/Pa (10 mV/Pa)
Max. SPL	142 dB with MZF 8000 II 142 dB
Equivalent noise level	13 dB(A) 23 dB (CCIR)
Nominal impedance	25 Ω
Min. terminating impedance	4 Ω
Phantom powering	48 V ±4 V (P48, IEC 61938)
Current consumption	3.3 mA
Diameter	approx. 19 mm
Length	approx. 41 mm with MZF 8000 II approx. 75 mm
Weight	approx. 25 g with MZF 8000 II approx. 55 g
Operating temperature	-10 °C to 60 °C

Microphone and accessories overview

audio signal   
mounting accessories 



\*Screw filter module MZF 8000 II at suitable place between microphone head and XLR module.