MKH 8050

Quick Guide
Kurzanleitung
Guide rapide
Guida rapida
Guía de inicio rápido
Guia rápido
Beknopte handleiding
Krótka instrukcja obsługi
Snabbguide
Kort vejledning
Pikaohje
Γρήγορος οδηγός
Kısa Kılavuz
Краткая инструкция
快速指南
快速使用指南
クイックガイド
퀵 가이드

SENNHEISER

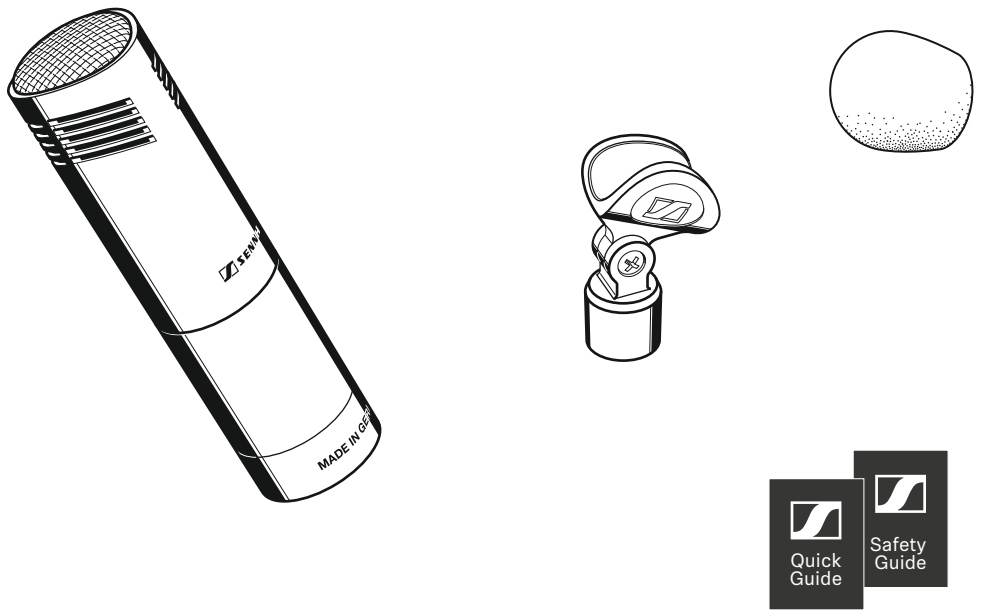
www.sennheiser.com/documentation

www.sennheiser.com/download

Sennheiser electronic SE & Co. KG
Am Labor 1, 30900 Wedemark, Germany
www.sennheiser.com

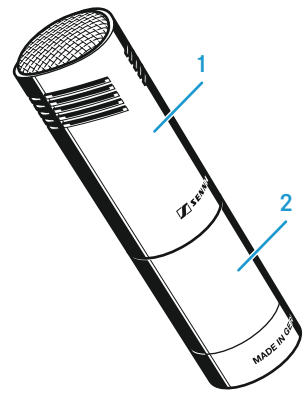
Publ. 05/26 581392/A05

In the box

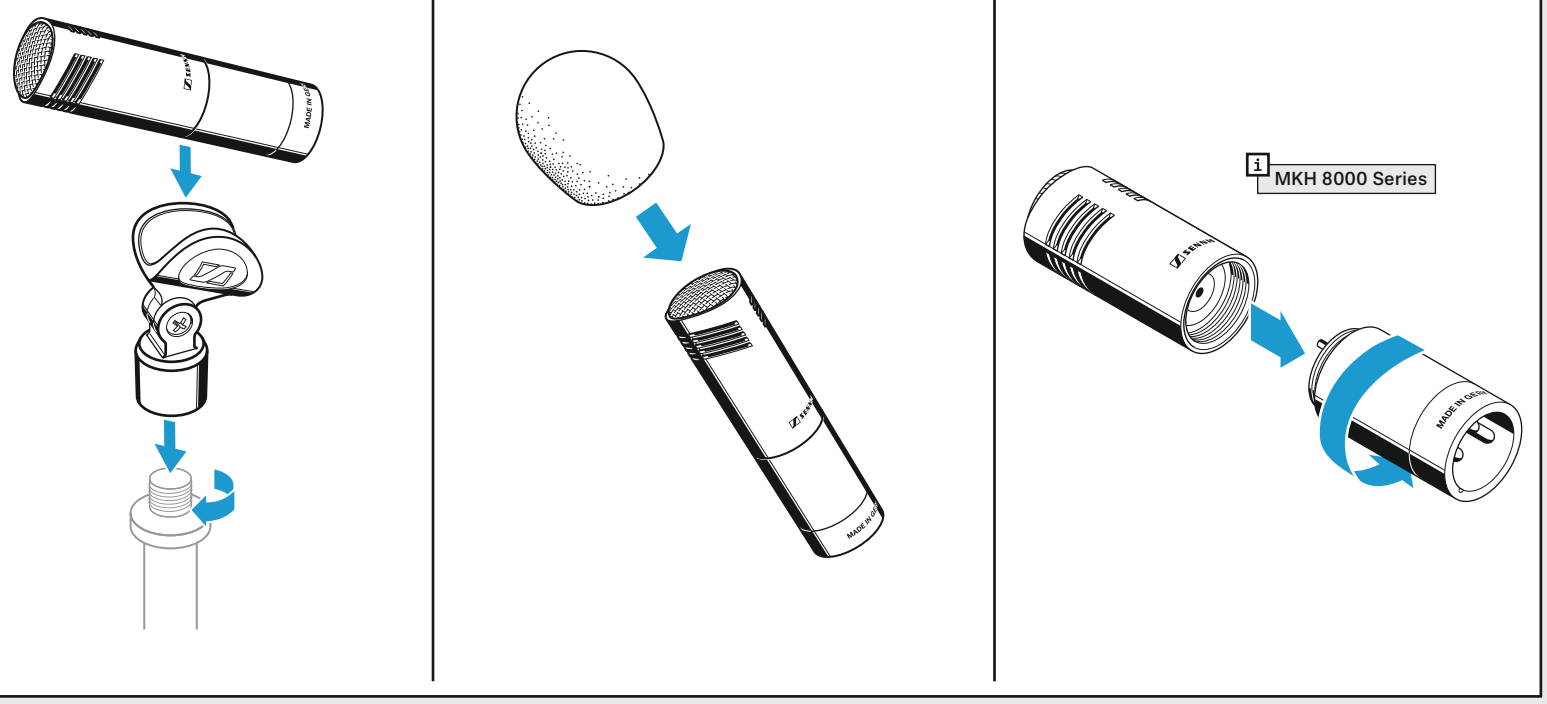


Overview

1 Microphone head
2 XLR module

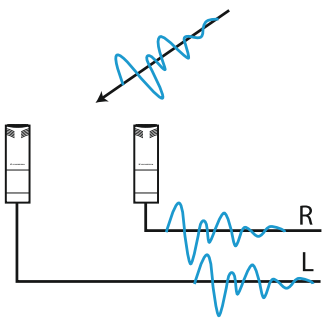


Setup

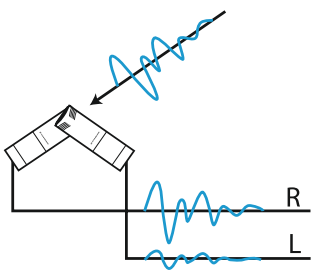


Stereo recording

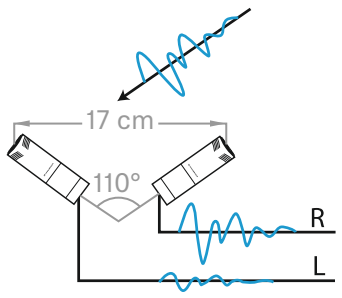
Time-of-arrival stereo (AB):
(almost) only time-of-arrival differences



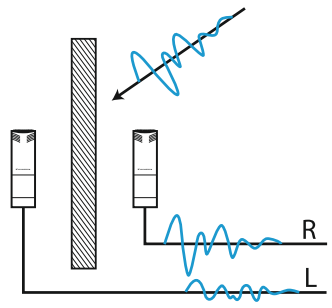
Intensity stereo (XY):
only sound pressure level differences



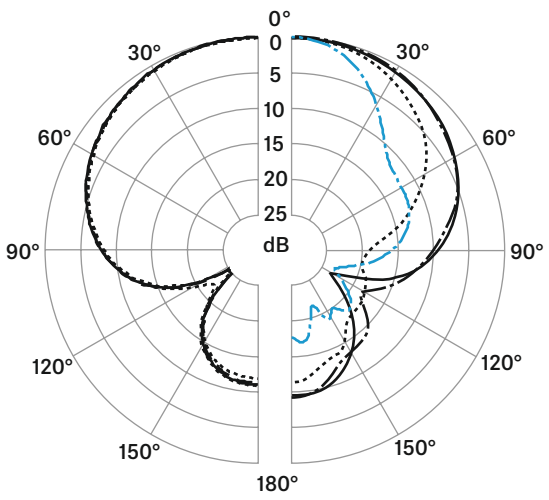
Equivalence or mixed stereo (here: ORTF):
sound pressure level and time-of-arrival differences



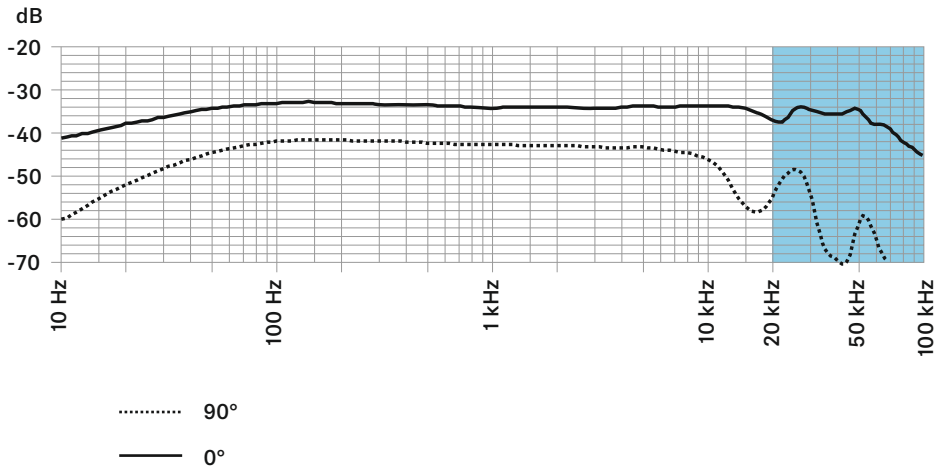
Baffle stereo (here: OSS):
sound pressure level, time-of-arrival and spectral differences with off-axis sound



Polar pattern and frequency response



125 Hz
250 Hz
500 Hz
1,000 Hz
2,000 Hz
4,000 Hz
8,000 Hz
16,000 Hz
32,000 Hz



Specifications

Pick-up pattern	super-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	137 dB
Equivalent noise level	13 dB(A)
	22 dB (CCIR)
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	approg. 55 g
Operting temperature	-10 °C to 60 °C

MKH 8000 Series

Microphone and accessories overview

MKH 8020
RF-condensor mic, omni

MKH 8030
RF-condensor mic, fig-of-eight

MKH 8040
RF-condensor mic, cardioid

MKH 8050
RF-condensor mic, super-cardioid

MKH 8090
RF-condensor mic, cardioid, wide carioid

Delivery included accessories

MZX 8000
XLR module

MZQ 8000
Mic clamp

MZW 8000 / MZW 8030
Foam windshield for
MZW 8030 for MKH 8030, all others: MZW 8000

Optional accessories

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

MZL 8003
Connecting cable, 3 m

MZL 8010
Connecting cable, 10 m

Microphone stand

Microphone stand
Vertical bar & foot stand

MZE 8060 / MZE 8120
Extension tube 0.60 m / 1.20 m

MZGE 8000
Tube connector

MZEF 8060 / MZEF 8120
Vertical bar 0.60 m / 1.20 m

MZFS 8000
Floor stand

Table / Ceiling mounting

MZT 8000
Table stand

MZH 8042
Goose neck

MZG 8000
Swivel joint

MZS 31
Shockmount

MZH 8000
Ceiling mount

MZQ 8001
Mini clip

Shotgun microphones

MKH 8060
RF-condensor mic, short shotgun

MKH 8070
RF-condensor mic, long shotgun

Delivery included accessories

MZX 8000
XLR module

MZQ 8060
Mic clamp

MZW 8060 / MZW 8070
Foam windshield
MZW 8060 for MKH 8060
MZW 8070 for MKH 8070

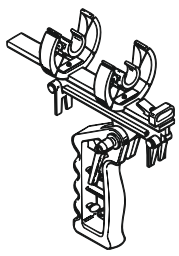
Optional accessories

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

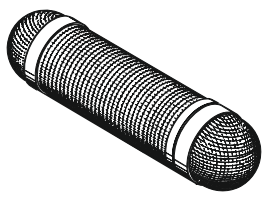
MZL 8003
Connecting cable, 3 m

MZL 8010
Connecting cable, 10 m

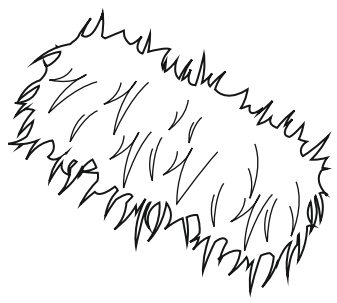
Outdoor use



MZS 20-1
Pistol grip



MZW 20-1 / MZW 80
short windshield basket / long windshield basket



MZH 20-1 / MZH 80
Wind muff for MZW 20-1 / for MZW 80