



MKH 800 TWIN

Studio Condenser Microphone



The MKH 800 TWIN is a universal studio condenser microphone of exceptional quality. It includes a dual capsule consisting of two symmetrical push-pull transducers with high linearity. This is a „side fire“ microphone with the two cardioid pick-up patterns of the transducer aligned back-to-back across the axis of the microphone. The signals of both transducers are not combined in the microphone in order to generate differing pick-up patterns but are available separately as two channels at the microphone output. This allows the pick-up patterns of the MKH 800 TWIN to be remotely adjusted. The signals can be combined in any desired way in the mixing console in order to create all pick-up patterns from omni-directional to figure-8 with an infinite number of intermediate stages. Based on the legendary MKH 800, this microphone opens up to a new dimension of studio recordings.

FEATURES

- The remote adjustability and the variable pick-up patterns make the MKH 800 TWIN a universal main microphone, soloist microphone or supporting microphone
- The pick-up patterns can be set and optimised under monitoring conditions
- A wide range of mixes for stereo and surround are possible
- Stable pick-up patterns minimise sound distortion in the direct and diffuse field
- Saving of the microphone signals in two channels also allows an unlimited range of mixes to be realised at a later date

DELIVERY INCLUDES

- MKH 800 TWIN
- MZQ 80 microphone clamp
- MZS 80 shock mount
- AC 20 adaptor cable
- Transport case
- Quick Guide
- Safety Instructions

PRODUCT VARIANTS

MKH 800 TWIN Ni

Art. no. 502431

MKH 800 TWIN Nx

Art. no. 502083



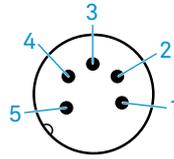
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SPECIFICATIONS

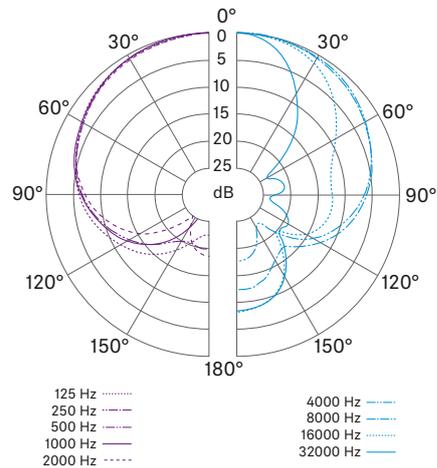
Frequency response	30 - 50,000 Hz
Pick-up pattern	2x cardioid
Sensitivity (free field, no load) (1 kHz)	40 mV/PA \pm 1 dB
Nominal impedance	100 Ω
Min. terminating impedance	2 k Ω
Max. SPL	136 dB SPL / 1 kHz
Max. output voltage	4 V
Equivalent noise level	
A-weighted	approx. 12 dB
CCIR-weighted	approx. 20 dB
Noise voltage	
A-weighted	3 μ V
CCIR-weighted	8 μ V
Dynamic range	
A-weighted	122 dB
CCIR-weighted	114 dB
Power supply	48 V \pm 4 V
Current consumption	2x 3.1 mA
Dimensions	\varnothing 27 x 136 mm
Weight	172 g
Temperature range	storage: -20 °C to + 70 °C
Connector	XLR-5M

CONNECTOR ASSIGNMENT



- 1: Ground/housing
- 2: Front channel: (+)
- 3: Front channel: (-)
- 4: Rear channel: (+)
- 5: Rear channel: (-)

POLAR PATTERN



FREQUENCY RESPONSE

