MKH 8018
Shotgun microphone

Capture what other microphones can't.
The MKH 8018 is a stereo shotgun RF condenser microphone that delivers a rich sense of directionality and spatial realism. MKH 8018 features a remarkable push-pull transducer design. In combination with a low-tension diaphragm, this transducer design delivers remarkable sensitivity and wide frequency response, so you can capture sound as authentically as possible.

Recording Flexibility via 3 Switchable Modes
With its switchable modes — MS, XY-narrow, and XY-wide — MKH 8018 allows sound recordists remarkable flexibility. In M-S mode, MKH 8018 provides independent mid and side signals. This allows the width of the stereo image to be adjusted in post-production or in the field with a matrix mixer. Or choose from two internally matrixed modes that provide traditional "left-right" stereo without the need for external mixers. To accommodate varying acoustic environments, the user may select between a "wide" pattern (LR-W) with increased ambient pickup, and a "narrow" pattern (LR-N) which offers more rejection and less ambiance.

Part of a complete series
The MKH 8000 series is the complete toolkit for audio professionals. Perfect for outdoor applications such as sports broadcasting and wilderness recording excursions, MKH 8000 microphones allow you to head into the field with confidence.

DELIVERY INCLUDES

- **MKH 8018**
- Microphone clip MZQ 100
- Windshield MZW 8018
- Threaded transport tube
- Camera adapter MZR 8000
- Safety instructions
- Quick guide

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FEATURES

- Stereo shotgun capsule configuration captures sound with an immersive sense of directionality and spatial realism
- Ideal mic choice for capturing film and video production with a sense of directionality; stereo soundscapes during screenplay scenes, sporting events, and spatially accurate environmental sounds, wildlife, and more
- Three switchable stereo-modes: MS, XY-narrow, and XY-wide
- Switchable low-cut filter (-3 dB at 70 Hz) reduces wind- and handling noise
- High-quality -10 dB pad protects against overdriving
- Fully floating balanced output allows for non-critical connection technology with minimal distortion
- A low-tension diaphragm and symmetrical, acoustically open push-pull transducer design keep the sound flow as unrestricted and undistorted as possible
- Extended bass response enables capturing sound in its full frequency extent and gives more freedom for microphone positioning
- Moisture-resistant design ideal for use in humid, hot, and cold environments where other mics fail
- Optimal polar pattern avoids off-axis colorations, allows for coherent sound image, especially for larger sound sources
- Low self-noise for greater detail in audio; retains the softness of quiet sounds and increases dynamics
- Low nonlinear distortion avoids adding new frequency spectrum, thus maintaining sonic clarity
- Compact size means easy transport; it is visually unobtrusive in live shows or TV
- Nextel® non-reflecting paint ensures no reflection from stage lights, keeping the mic visually unobtrusive in live shows or TV
- Non-modular design; fixed XLR 5M-Out

ARTICEL INFORMATION

MKH 8018	Art.no. 700252

ACCESSORIES

MZS 20-1	Art.no. 003609
MZW 60-1	Art.no. 003607
MZH 60-1	Art.no. 003224
MZR 8000	Art.no. 700311
MZW 8018	Art.no. 700255

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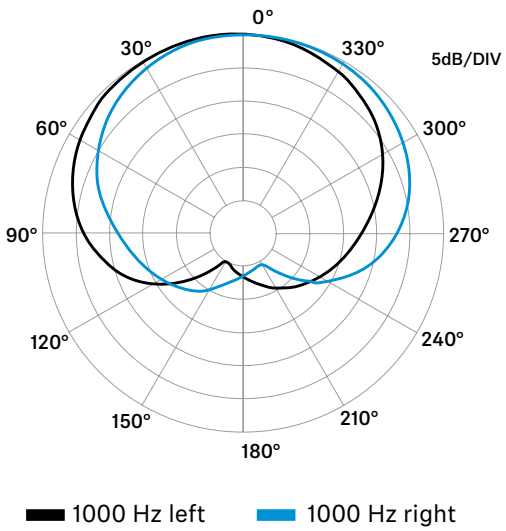
SPECIFICATIONS

Pick-up pattern	stereo shotgun			
Frequency response	40 Hz - 20,000 Hz			
Sensitivity	**M-Channel**	**S-Channel**	**XY Narrow**	**XY Wide**
mV/Pa	56	25	50	32
dB ref (1V/Pa)	-25	-32	-26	-30
Equivalent noise level				
dB A-weighted	12	14.5	12	13
dB CCIR-weighted	24	25	24	25
Nominal impedance at 1 kHz	430 Ω			
Min. load impedance	4.7 kΩ			
Low-cut filter (switchable)	-3 dB @ 70 Hz			
Attenuation (switchable)	-10 dB			
Power supply	P48 phantom powering (IEC 61938)			
Current consumption	2x 3.4 mA			
Max. SPL	> 126 dB			
Connector	XLR-5M			
Weight	115 g			
Diameter	⌀ 22 mm			
Length	approx. 230 mm			
Operating temperature	-10 °C to 60 °C (14 °F to 140 °F)			
Storage temperature	-20 °C to 70 °C (-4 °F to 158 °F)			
Relative humidity	5 to 95%, non condensing			

POLAR PATTERN

XY narrow



XY wide

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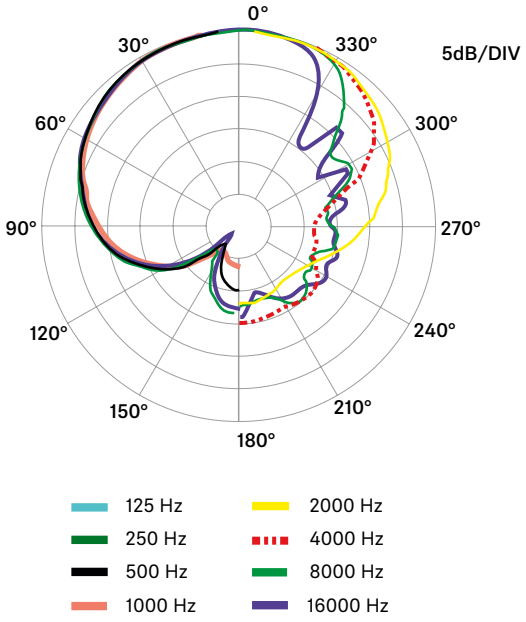
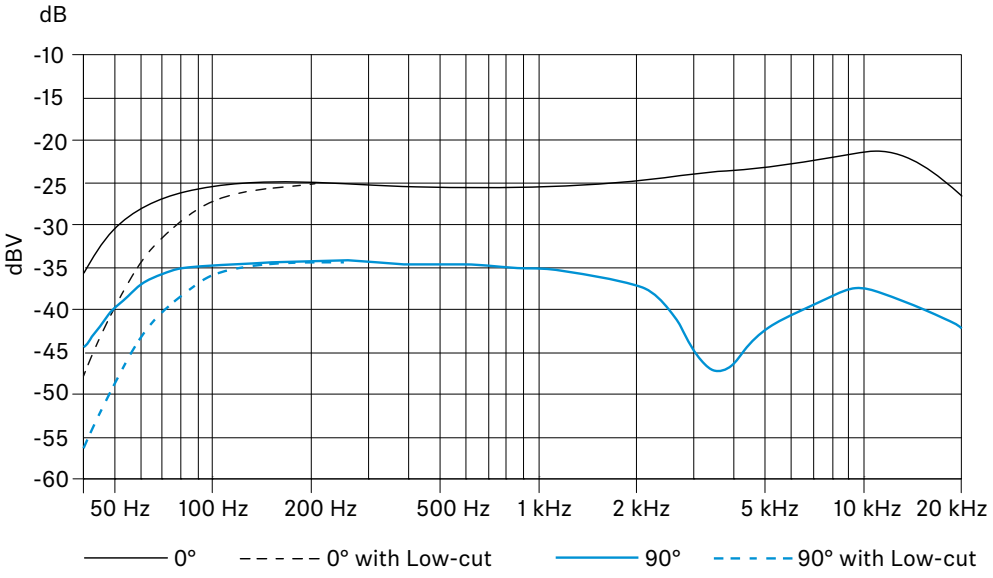
POLAR PATTERN AND FREQUENCY RESPONSE M-CHANNEL

Mid





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POLAR PATTERN AND FREQUENCY RESPONSE S-CHANNEL

Side