

MKH 800 P 48

Microphones | RF Symmetrical Capsule Condenser Microphone

Cat. No. 004927

General Description

The MKH 800 condenser microphone is the first microphone to fully utilise the wider frequency response and dynamic range of the new high bit-rate standard of advanced digital recording systems (for example SACD). Featuring five switchable pick-up patterns, the MKH 800 is a superior microphone for any recording application, offering high clarity and the absolute minimum colouration.



Cable pictured is an accessory not supplied with the microphone

Features

- Extended frequency response up to 50 kHz
- Wide, flat frequency response
- Exceptionally low inherent self-noise, wide dynamic range
- Switchable pre-attenuation, switchable roll-off filter and switchable treble emphasis
- Transformerless and fully floating balanced output
- LED for on-axis alignment
- Anodised light metal body
- Delivery includes: 1 MKH 800 P 48, 1 MZS 80 shock mount, 1 MZW 80 windshield

Recommended Accessories

- | | |
|---|-----------------|
| ■ MZA 14 P 48 U battery power supply unit | Cat. No. 002960 |
| ■ MZW 80 foam windshield, anthracite | Cat. No. 003780 |
| ■ MZS 80 shock mount | Cat. No. 003685 |
| ■ MZP 40 popshield | Cat. No. 003132 |

Technical Data

Pick-up patterns	omni-directional, wide cardioid, cardioid, super-cardioid, figure-of-eight
Frequency response	30 – 50,000 Hz
Sensitivity (free field, no load, 1 kHz)	40 mV/Pa ± 1 dB
Nominal impedance	150 Ω
Min. terminating impedance	2 kΩ
Equivalent noise level	
A-weighted (DIN IEC 651)	10 dB
CCIR-weighted (CCIR 468-3)	20 dB
Max. sound pressure level	136 (142) dB at 1 kHz
Power supply	phantom 48 ± 4 V
Supply current	3 mA
Dimensions	∅ 26.7 x 176 mm
Weight	135 g

Values in parentheses with attenuator switched on (6/12 dB)

Profile

Studio microphone with 5 switchable pick-up patterns (omni-directional, wide cardioid, cardioid, super-cardioid, figure-of-eight), switchable pre-attenuation, switchable roll-off filter and switchable treble emphasis. Frequency response 30 – 50,000 Hz, sensitivity (free field, no load) 40 mV/Pa ± 1 dB at 1 kHz, nominal impedance 150 Ω, min. terminating impedance 2 kΩ, equivalent noise level A-weighted 10 dB, CCIR-weighted 20 dB, max. sound pressure level 136 (142) dB at 1 kHz, phantom powering 48 ± 4 V, supply current 3 mA, dimensions ∅ 26.7 x 176 mm, weight 135 g. Values in parentheses with attenuator switched on (6/12 dB).

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Polar Diagrams and Frequency Response Curves

