

KSM11 HANDHELD VOCAL MICROPHONE

OVERVIEW

The Shure KSM11 wired vocal microphone is specifically optimized to accurately project and present artist vocals. As touring stage technology has continued to evolve, Shure developed the KSM11 to advantage of increases in linearity and fidelity. Featuring a premium cardioid condenser design, the KSM11 offers near perfect offaxis rejection and a highly consistent polar response from an expertly crafted combination of transducer and shock mount technology. The result is an elegant and natural combination of low- and mid-range clarity together with essential high-end detail designed specifically for prominent applications, including live performance, live event recording, and premium streaming.

FEATURES

- Proprietary condenser capsule utilizing a ¾" gold diaphragm and premium electronics for exceptional dynamic range and transient response.
- Highly consistent, deep cardioid polar pattern reduces off-axis phase distortion for pristinely focused vocal reproduction to provide rich and full low frequency response, linear and transparent mid-range and natural high-end detail.
- Streamlined design for an overall smaller and lighter capsule footprint.
- Advanced suspended isolation system for virtually zero handling noise.
- Dent-resistant hardened steel grille with 3-stage plosive reduction pop filtering for consistent, artifact-free vocals.
- Also available separately as black and nickel wireless capsules (RPW192 and RPW194), and with ULX-D transmitters in black and Axient Digital transmitters in black and nickel. RPW192 and RPW194 are compatible with all Shure handheld transmitters with interchangeable microphone capsules.

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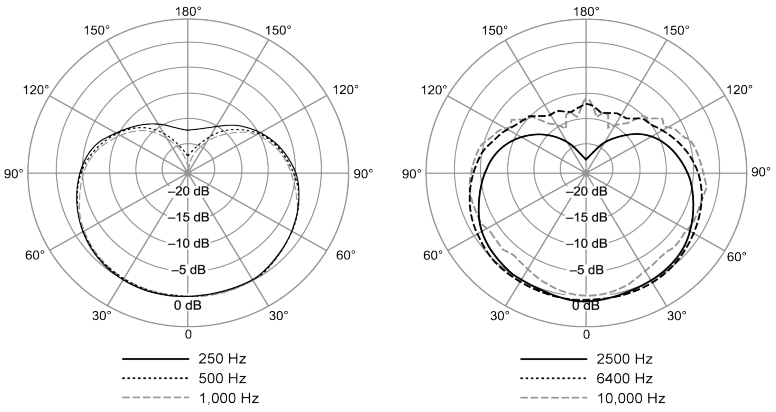
SPECIFICATIONS

(SUBJECT TO CHANGE)

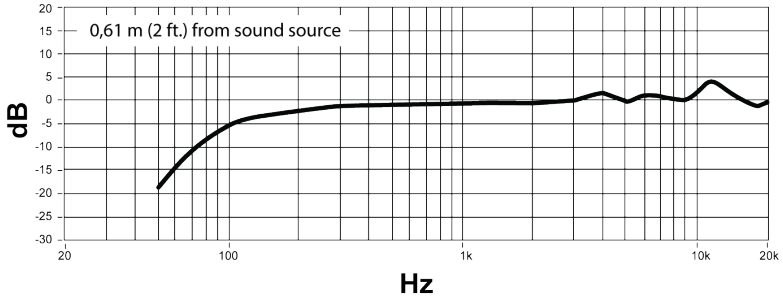
Type	Electret Condenser
Polar Pattern	Cardioid
Freqeuncy Response	80 Hz to 20 kHz
Output Impedance *(1 kHz)*	150 Ω
Sensitivity *at 1 kHz, open circuit voltage*	1k load: –49 dBV/Pa (3.5 mV) 5k load: -48 dBV/Pa (3.9 mV) *1 Pa=94 dB SPL*
Maximum SPL *with 5 VDC*	149 dB SPL
Signal-to-Noise Ratio	75 dB *S/N ratio is the difference between 94 dB SPL and equivalent SPL of self noise, A-weighted*
Dynamic Range *with 5 VDC*	1k load: 130 dB 5k load: 131 dB
Clipping Level *with 5 VDC*	1k load: 6.2 dBV 5k load: 7.7 dBV
Self Noise	19 dB SPL typical, equivalent SPL, A-weighted
Common Mode Rejection	> 55 dB
Connector	Three-pin professional audio (XLR), male, balanced
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Power Requirements	11 to 52 V DC phantom power (IEC-61938) 5.2 mA, maximum
Weight	239 g (8.43 oz.)
Dimensions *(Dia × Height)*	1.92 × 3.0 in. (48.7 × 76.3 mm)
Housing	Aluminum and steel grille

All specifications measured with a 48 Vdc phantom power supply.
The microphone operates at lower voltages, but with slightly decreased headroom and sensitivity.

POLAR PATTERN



FREQUENCY RESPONSE



REPLACEMENT PARTS

RPM261	Replacement Grille for use with KSM11, black finish
RPM263	Replacement Grille for use with KSM11, nickel finish

AVAILABLE MODELS

KSM11/B	KSM11 Premium cardioid condenser vocal microphone, black finish
RPW192	KSM11 Premium wireless cardioid condenser vocal microphone capsule, black finish
RPW194	KSM11 Premium wireless cardioid condenser vocal microphone capsule, nickel finish
ULXD2/K11B	... with ULX-D Digital Wireless handheld transmitter (Black)
AD2/K11B	... with Axient Digital Wireless handheld transmitter (Black)
AD2/K11N	... with Axient Digital Wireless handheld transmitter (Nickel)
ADX2/K11B	... with Axient Digital Wireless handheld transmitter with ShowLink™ (Black)
ADX2/K11N	... with Axient Digital Wireless handheld transmitter with ShowLink™ (Nickel)
ADX2FD/K11B	... with Axient Digital Wireless Frequency Diversity handheld transmitter with ShowLink™ (Black)
ADX2FD/K11N	... with Axient Digital Wireless Frequency Diversity handheld transmitter with ShowLink™ (Nickel)



RPW192
KSM11 Wireless microphone capsule (Black)



RPW194
KSM11 Wireless microphone capsule (Nickel)

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