



KSM11

Handheld Vocal Microphone

KSM11 manual. Includes specifications, power requirements, and more.
Version: 5.0 (2025-A)

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KSM11

Handheld Vocal Microphone

KSM11 General Description

The Shure KSM11 wired vocal microphone is specifically optimized to accurately project and present artist vocals. As stages have transitioned to more fully embrace digital technology, Shure developed the KSM11 to take advantage of increased linearity and control enabled by this transition. Featuring a premium cardioid condenser design, the KSM11 offers near-perfect off-axis 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 $\frac{3}{4}$ " 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.
- 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.

Power Requirements

This microphone requires phantom power and performs best with a 48 V DC supply (IEC-61938), but it can operate with supplies as low as 11 V DC. Most modern mixers provide phantom power and require the use of a **balanced** microphone cable: XLR-to-XLR or XLR-to-TRS.

Load Impedance

Maximum SPL capability, output clipping level, and dynamic range vary with the input load impedance of the preamplifier to which the microphone is connected. Shure recommends a minimum input load impedance of 1000 Ohms. Most modern microphone preamplifiers meet this requirement. Higher impedance results in better performance for these specifications.

Specifications

Type

Electret condenser

KSM11 Polar Pattern

Cardioid

KSM11 Frequency Response

80 to 20,000 Hz

Output Impedance (1 kHz)

150 Ω

Sensitivity

1k load	-49 dBV/Pa (3.5 mV)
5k load	-48 dBV/Pa (3.9 mV)

1 Pa=94 dB SPL

Maximum SPL

149 dBSPL

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

1k load	130 dB
5k load	131 dB

Clipping Level

1k load	6.2 dBV
5k load	7.7 dBV

Self Noise

19 dBSPL 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

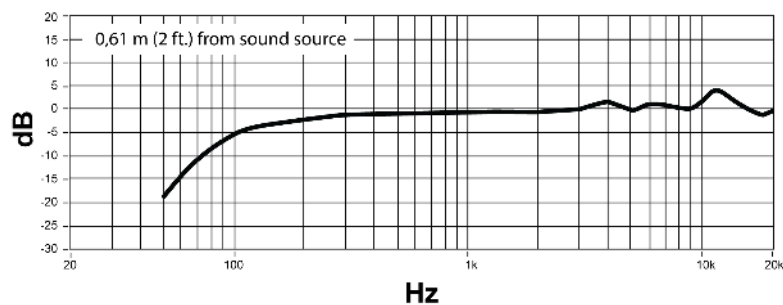
Power Requirements

11 to 52 V DC phantom power (IEC-61938) 5.2 mA, maximum

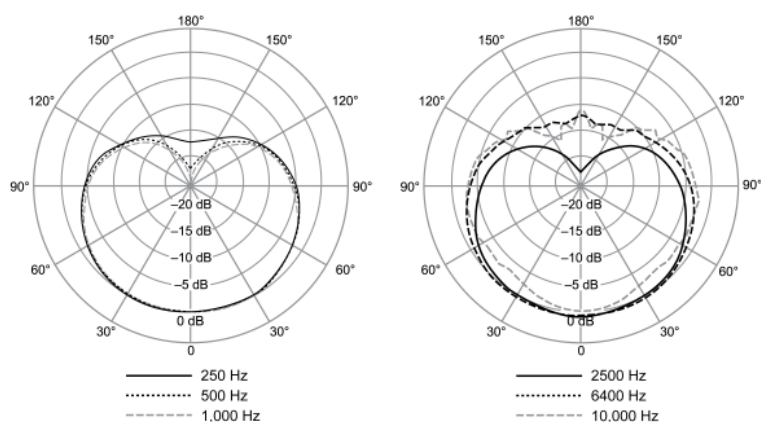
All specifications measured with a 48 Vdc phantom power supply. The microphone operates at lower voltages, but with slightly decreased headroom and sensitivity.

Weight

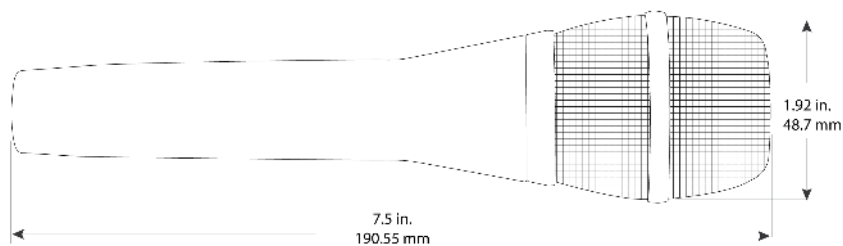
239 g (8.43 oz.)



Typical KSM11 Frequency Response



Typical KSM11 Polar Pattern



KSM11 Dimensions

Certifications

CE Notice

Hereby, Shure Incorporated declares that this product with CE Marking has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site: <https://www.shure.com/en-EU/support/declarations-of-conformity>.

UKCA Notice

Hereby, Shure Incorporated declares that this product with UKCA Marking has been determined to be in compliance with UK-CA requirements.

The full text of the UK declaration of conformity is available at the following site: <https://www.shure.com/en-GB/support/declarations-of-conformity>.

Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union and the United Kingdom, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

Registration, Evaluation, Authorization of Chemicals (REACH) Directive

REACH (Registration, Evaluation, Authorization of Chemicals) is the European Union (EU) and the United Kingdom (UK) chemical substances regulatory framework. Information on substances of very high concern contained in Shure products in a concentration above 0.1% weight over weight (w/w) is available upon request.

Recycling Information

Please consider the environment, electric products and packaging are part of regional recycling schemes and do not belong to regular household waste.

部件名称	有害物质					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
金属部位	X	○	○	○	○	○
塑料外壳	○	○	○	○	○	○
电池*	○	○	○	○	○	○
本表格依据 SJ/T11364 的规定编制。 O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T26572 规定的限量要求以下。 X: 表示该有害物质至少在该部件某一均质材料中的含量超出 GB/T26572 规定的限量要求。 注: 本产品大部分的部件采用无害的环保材料制造, 含有有害物质的部件皆因全球技术发展水平的限制而无法实现有害物质的替代。 *: 表示如果包含部分						

SAFETY PRECAUTIONS

Before using this product, please read and save the enclosed warnings and safety instructions.

	WARNING: Ignoring these warnings may cause severe injury or death as a result of incorrect operation. If water or other foreign objects enter the inside of the device, fire or electric shock may result.
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	Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
⚠	CAUTION: Ignoring these cautions may cause moderate injury or property damage as a result of incorrect operation. Never disassemble or modify the device, as failures may result. Do not subject to extreme force and do not pull on the cable or failures may result. Keep the microphone dry and avoid exposure to extreme temperatures and humidity.