

Product Specifications

KSM141 Dual-pattern End-Address Condenser Microphone

Overview

The Shure KSM141 is a small diaphragm end-addressed condenser microphone with a rotating collar allowing easy switching between a highly consistent cardioid or true omnidirectional polar pattern for smooth and extremely focused sound reproduction. Designed for studio use, yet rugged enough for live applications, the KSM141 can withstand extremely high sound pressure levels (SPL). Its low self-noise and extended frequency response make it ideal for recording musical instruments. Versatile, durable, and precise, the KSM141 is an outstanding microphone for both live and studio applications.

Features

- A mechanical polar pattern switch for highly consistent cardioid and true omnidirectional polar patterns. Provides flexibility in a wide variety of recording applications.
- Ultra-thin, 2.5 µm 24 karat gold-layered, low mass Mylar® diaphragm for superior transient response.
- Class A, discrete, transformerless preamplifier for transparency, extremely fast transient response, no crossover distortion, and minimal harmonic and intermodulation distortion.
- Premium electronic components, including gold-plated internal and external connectors.
- Subsonic filter eliminates low-frequency rumble (less than 17 Hz) caused by mechanical vibration.
- Three-position switchable pad (0 dB, 15 dB, and 25 dB) for handling extremely high sound pressure levels (SPLs).
- Three-position switchable low-frequency filter reduces background noise and counteracts proximity effect.

Available Models

KSM141/SL	Includes Stand Adapter, Windscreen, and Carrying Case
KSM141/SL STEREO	Includes two KSM141, two Stand Adapters, two Windscreens, A27M Stereo Microphone Adapter and Carrying Case

Specifications

Cartridge Type	Electret Condenser
Frequency Response	20 to 20,000 Hz
Output Impedance	150 ohms (actual)
Power Requirements	48 Vdc phantom, 4.7 mA
Common Mode Rejection	>50 dB, 50 Hz to 20 kHz
Polarity	Positive pressure on front diaphragm produces positive voltage on output pin 2 relative to pin 3
Polar Patterns	Cardioid, Omnidirectional
Sensitivity (typical; at 1000 Hz; 1 Pa = 94 dB SPL)	-37 dBV/Pa
Self-noise (typical, equivalent SPL; A-weighted, IEC 651)	14 dB
Maximum SPL @ 1000 Hz	
5000 ohms load	134 dB (159 dB, -25 Pad)
2500 ohms load	139 dB (164 dB, -25 Pad)
1000 ohms load	134 dB (159 dB, -25 Pad)
Output Clipping Level	
5000 ohms load	15 dBV
2500 ohms load	9 dBV
1000 ohms load	3 dBV
Dynamic Range	
5000 ohms load	131 dB
2500 ohms load	125 dB
1000 ohms load	120 dB
Signal to Noise ratio	80 dB
Weight	Net: 156 g (5.5 oz.)
Switch	Attenuator: 0, -15, -25 dB Low Frequency Response: flat; -6 dB/octave below 115 Hz; -18 dB/octave below 80 Hz

Furnished Accessories

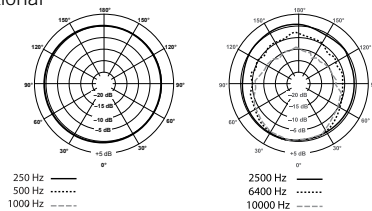
A100G	Case	A100WS	Windscreen
A27M	Stereo Microphone Adapter	A57F	Stand Adapter



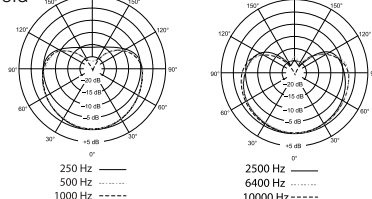
KSM141

Polar Pattern

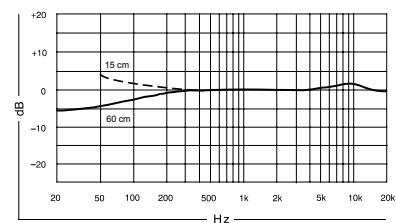
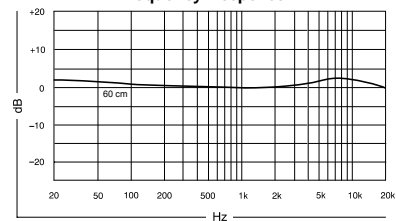
Omnidirectional



Cardioid



Frequency Response



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