

Product Specifications

KSM137 End-Address Cardioid Condenser Microphone

Overview

The KSM137 is a premium end-address cardioid condenser microphone engineered for highly critical studio recording and live sound productions. Its class A, discrete, transformerless preamplifier provides extremely natural response and transparent sound capture, and a three position switchable pad allows for handling of extremely high sound pressure levels. Versatile, durable, and precise, the KSM137 is an outstanding microphone for both live and studio applications.

Features

- A highly consistent cardioid polar pattern.
- 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

KSM137/SL	Includes Stand Adapter, Windscreen and Carrying Case
KSM137/SL STEREO	Includes two KSM137, two Stand Adapters, two Windscreens, A27M Stereo Microphone Adapter and Carrying Case

Specifications

Cartridge Type	Electret Condenser	
Polar Pattern	Cardioid	
Frequency Response	20 to 20,000 Hz	
Sensitivity	-37 dBV/Pa (14.1 mV)	
Open circuit voltage, @ 1 kHz, typical	1 Pa = 94 dB SPL	
Maximum SPL (1 kHz @ 1% THD)	No Pad	-25 dB Pad
	145 dB	170 dB
	139 dB	164 dB
	134 dB	159 dB
Signal-to-noise ratio <i>A-weighted</i>	80 dB	
Dynamic Range (@ 1 kHz)	5000 ohms load:	131 dB
	2500 ohms load:	125 dB
	1000 ohms load:	120 dB
Clipping Level (20 Hz - 20 kHz, 1% THD)	5000 ohms load:	15 dBV
	2500 ohms load:	9 dBV
	1000 ohms load:	3 dBV
Self Noise <i>equivalent SPL, A-weighted, typical</i>	14 dB	
Common Mode Rejection (10 to 100,000 Hz)	≥ 50 dB	
Switch	Attenuator: 0, -15, -25 dB Low Frequency Filter: flat; -6 dB/octave below 115 Hz; -18 dB/octave below 80 Hz	
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	11-52 VDC phantom power (IEC-61938) 4.7 mA, maximum	
Net Weight	100 g (3.5 oz.)	

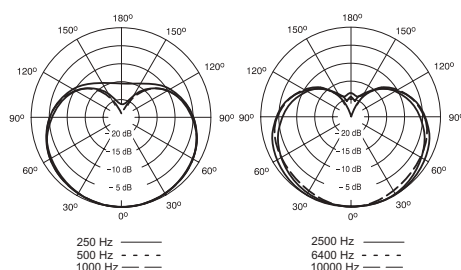


KSM137

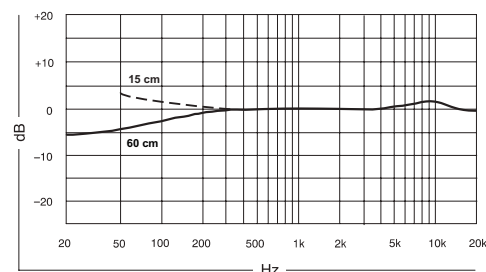
Furnished Accessories

A100C	Case	A100WS	Windscreen
A27M	Stereo Microphone Adapter	A57F	Stand Adapter

Polar Pattern



Frequency Response



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