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 Carry	

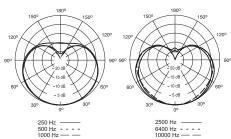
Specifications

Cartridge Type	Electret Condenser				
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Polar Pattern	Cardioid				
Frequency Response	20 to 20,000 Hz				
Senstivity	-37 dBV/Pa (14.1 mV)				
Open circuit voltage, @ 1 kHz, typical	1 Pa = 94 dB SPL				
Maximum SPI	No Pad -25 dB Pad 145 dB 170 dB				
(1 kHz @ 1% THD)	149 UB 1/0 UB 1/0 UB				
	134 dB 159 dB				
Signal-to-noise ratio A-weighted	80 dB				
Dynamic Range	5000 ohms load: 131 dB				
(@ 1 kHz)	2500 ohms load: 125 dB				
	1000 ohms load: 120 dB				
Clipping Level	5000 ohms load: 15 dBV				
(20 Hz - 20 kHz, 1% THD)	2500 ohms load: 9 dBV 1000 ohms load: 3 dBV				
Self Noise equivalent SPL, A-weighted, typical	14 dB				
Common Mode Rejection (10 to 100.000 Hz)	≥50 dB				
(10 10 100,000 112)					
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.)				

Furnished Accessories

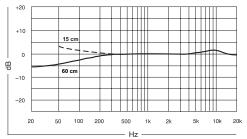
A100C	Case	A100WS	Windscreen
A27M	Stereo Microphone Adapter	A57F	Stand Adapter

Polar Pattern





Frequency Response



KSM137

KSM137

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