

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 μ m 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 A-weighted | 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 equivalent SPL, A-weighted, typical | 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.) | |

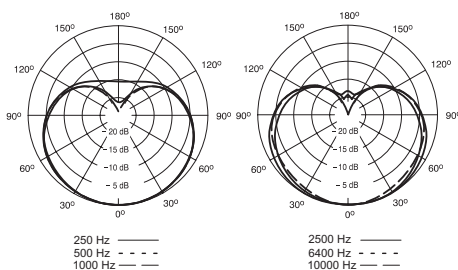


KSM137

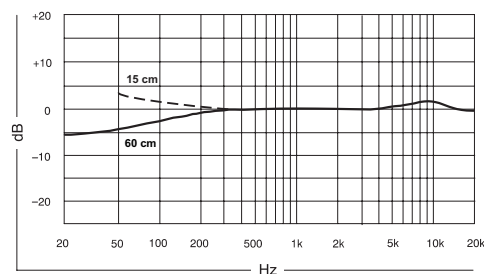
Furnished Accessories

| | | | |
|--------------|---------------------------|---------------|---------------|
| A100C | Case | A100WS | Windscreen |
| A27M | Stereo Microphone Adapter | A57F | Stand Adapter |

Polar Pattern



Frequency Response



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