



Key Features:

- Smooth, controlled frequency response
- High neodymium sensitivity
- Multi-stage shock mount for low handling noise
- Silent on/off switch
- Anti-roll grille design



General Description:

The Electro-Voice® KM177 is manufactured with refinements that enhance the sonic smoothness, improve gain before feedback and provide more consistent performance with greater durability than earlier generations of microphones.

The controlled response of the KM177 allows the user to easily work the microphone for optimal performance.

The neodymium magnet geometry used in the KM177, combined with dual diaphragm technology, creates a smooth, extended high frequency response with a warm, open and transparent sound quality.

The KM177 microphone features a unique multi-stage, multi-point shockmount system. This unique vibration isolation system works to effectively dampen mechanical disturbances from being transmitted to the capsule, independent of the nature and direction of the noise source. This translates to very low handling noise in all situations.

The KM177 has a super-cardioid polar pattern for excellent acoustic rejection of off-axis sounds, reducing feedback under live performance conditions. This is particularly useful with typical monitor speaker placement and high sound pressure requirements.

Also incorporated into the KM177 design is a 2-stage pop filter to minimize wind noise and vocal P-pops. The pop filter design is an

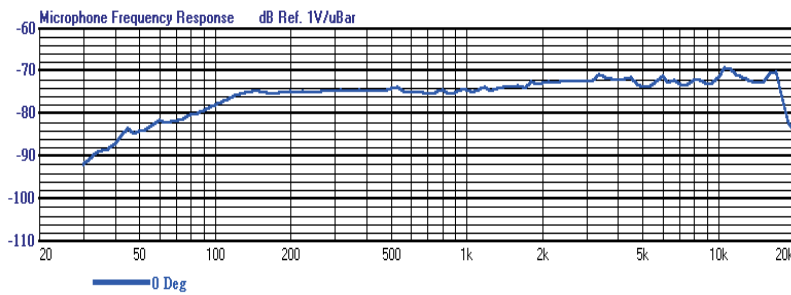
Technical Specifications:

Element:	Dynamic neodymium magnet structure
Freq. Response:	50 Hz - 18,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage @ 1 kHz:	2.0 mV/pascal
Dynamic Range:	144 dB
Equivalent Output Noise:	14 dB A weighted (0 dB = 0.00002 pascal)
Polarity:	Positive pressure on diaphragm causes positive voltage on pin 2 ref. pin 3
Impedance:	300 ohms balanced (low-z)
Microphone Connector:	3 pin XLR type
Finish:	Non-reflecting black
Accessories Included:	Soft Zippered "Gig" Bag
Dimensions, Length:	7.11" (181 mm)
Diameter:	1.94" (49 mm)
Shank:	0.93" (24 mm)
Net Weight:	11.0 oz (312 g)

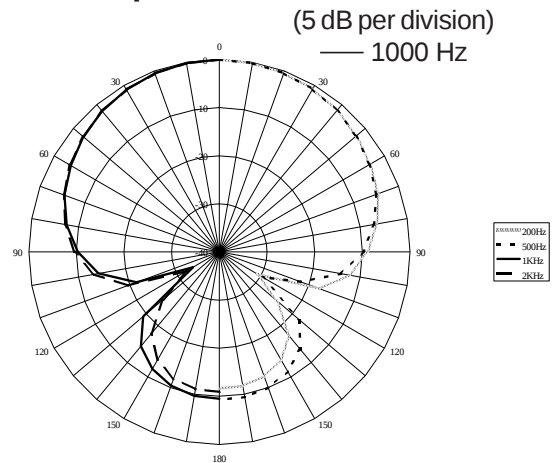
integral part of the microphone's removable front grill assembly, allowing easy cleaning for continued top performance.

The KM177 also features a noiseless on/off switch designed for easy and silent operation. In addition, the microphone was designed with a subtle "anti-roll" ring on the front grill assembly. This feature prevents potential damage of the microphone that could occur from rolling off of elevated flat surfaces.

Frequency Response:



Polar Response:



Microphone Use and Placement

Please note that micing techniques are a matter of personal preference. These are merely guidelines to assist in the placement of the microphone to gain optimal performance.

Usage

Vocals

Spoken Word

Optimal Placement

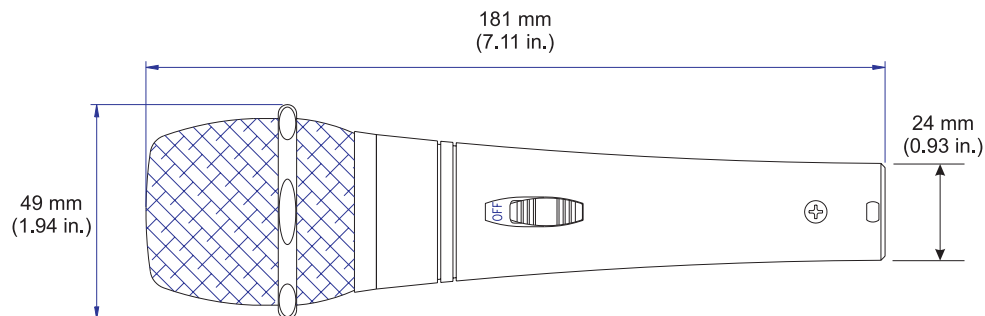
Zero to six inches from the windscreen, and on axis with the microphone.

Five to ten inches from the windscreen, and on axis with the microphone.

Standard Placement & Use Guidelines

1. Always point the microphone at the desired source of sound, and away from any unwanted sources.
2. The microphone should be located close to the sound source to minimize interference from other potential sound sources.
3. Use the 3-to-1 rule when using multiple microphones. Place each microphone three times farther from other microphones as from the desired sound source.
4. Minimize over-handling of the microphone to reduce unwanted mechanical noise.
5. Working close to the microphone will increase the bass tone and also provide increased gain-before-feedback.

Dimension Drawing:



KM177 Part Number: PRD000058-000



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www.electrovoice.com

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U.S.A. and Canada only. For customer orders, contact Customer Service at:

800/392-3497 Fax: 800/955-6831

Europe, Africa, and Middle East only. For customer orders, contact Customer Service at:

+ 49 9421-706 0 Fax: + 49 9421-706 265

Other International locations. For customer orders, contact Customer Service at:

+ 1 952 884-4051 Fax: + 1 952 736-4212

For warranty repair or service information, contact the Service Repair department at:

800/553-5992 or 402/467-5321

For technical assistance, contact Technical Support at:

800/392-3497 or 952/736-4656

Specifications subject to change without notice.