Key Features:

- Smooth, controlled frequency response
- High neodymium sensitivity
- Superior multistage shock mount and "Warm Grip" handle for unmatched low handling noise
- Silent on/off switch
- Anti-roll grille design



General Description:

The Electro-Voice® KM377 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 KM377 allows the user to easily work the microphone for optimal performance.

The neodymium magnet geometry used in the KM377, combined with a reinforced diaphragm design, creates a smooth, extended frequency response with a warm, open and transparent sound quality.

The KM377 features EV's AcoustiDYM[™] shock -mount system. This unique vibration isolating system works as a multistage device. At low frequencies, a rear sound wave cancels the diaphragm motion, while, at high frequencies, the specially designed rubber shock mount isolates the transducer from motion. Combining AcoustiDYM[™] with the elastomeric Warm-Grip[™] handle and the windscreen bumper produces an advanced technology, vibration isolating system which dramatically reduces all forms of handling noise for the most demanding situations.

The KM377 has a cardioid polar pattern, providing an enhanced front-area sensitivity and acoustic rejection directly behind the microphone, reducing feedback under live performance conditions. This is particularly useful with typical monitor speaker placement and high sound pressure (SPL) requirements. Additionally, the KM377's polar patterns are unusually uniform with frequency, ensuring superior gain-before-feedback in live applications.

The KM377 pop filter's unique design utilizes a specially processed Acoustifoam™ filter to minimize wind noise and vocal P-pops. This

Technical Specifications:

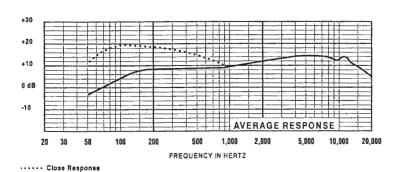
Dynamic neodymium magnet structure
30 Hz - 22,000 Hz
60 Hz - 22,000 Hz
Cardioid
3.0 mV/pascal
144 dB
14 dB A weighted (0 dB = 0.00002 pascal)
Positive pressure on diaphragm causes positive voltage on pin 2 ref. pin 3
350 ohms balanced (low-z)
3 pin XLR type
Non-reflecting black
Soft Zippered "Gig" Bag
7.28" (185 mm) 2.22" (56 mm) 0.80" (20 mm)
9.1 oz (258 g)

design makes the pop filter an integral part of the microphone's removable front grille assembly, allowing easy cleaning for continued top performance.

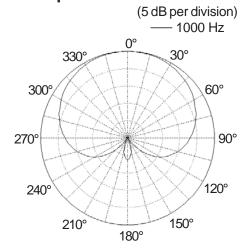
The KM377 also features a noiseless on/off switch, and a subtle "anti-rolling" ring on the ball screen. This feature allows the KM377 to stay where it is placed and prevents damage from rolling off of elevated hard surfaces.



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.

<u>Usage</u>

Optimal Placement

Vocals

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

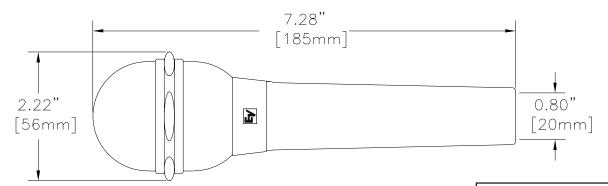
Spoken Word

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:



KM377 Part Number: PRD000058-001



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For technical assistance, contact Technical Support at: 800/392-3497 or 952/736-4656

Specifications subject to change without notice.