

# N/D167 Vocal Microphone



N / D Y M °  
W I R E D  
MICROPHONES

## General Product Description

The N/D167's acoustic response presents optimal performance in a live sound environment. Experience the advanced technology of an Electro-Voice N/DYM® microphone, you won't settle for anything less. An innovative EV design harnesses the increased power of a neodymium based magnet design, allowing for dynamic, efficient microphone performance. The N/D167 offers power and clarity to “cut through the mix.”

- Cardioid pattern for superior feedback rejection and acoustic isolation
- Neodymium based magnet structure provides greater sensitivity and signal-to-noise ratio
- Warm Grip™ handle for more comfortable feel
- Comes with stand adapter and zippered “gig” bag

## Operation

The low frequency response of the N/D167 microphone varies with the distance from the sound source. Known as “proximity effect,” maximum bass response is produced in “close-up” use with the microphone 1/4 inch from the sound source. Normal bass response is experienced with working distances greater than 24 inches. Working close to the microphone will produce a more robust sound. Close up positioning of the microphone will also reduce the potential for feedback from the sound reinforcement system. When close-talked, the bass-boost provides an increase in overall microphone output level. The mixer gain may be proportionately reduced, resulting in a reduction of the system's sensitivity to feedback caused by sound entering the microphone from the loudspeakers.

## 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	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 microphone.



# N/D167

## Vocal Microphone

### Specifications

<b>Element</b>	Dynamic N/DYM® magnet structure
<b>Frequency Response</b>	
Close Response	50 Hz to 12 kHz
Far Response	100 Hz to 12 kHz
<b>Polar Pattern</b>	Cardioid
<b>Impedance</b>	Low-Z balanced (600 Ohms)
<b>Sensitivity</b>	
Open Circuit Voltage	2.3 mV/Pascal @ 1.0 kHz
Power Level	(0 dB=1mW/pascal) -56.6 dB
<b>Microphone Connector</b>	3-pin, XLR-type
<b>Polarity</b>	Pin 2 positive, referenced to pin 3 with positive pressure on diaphragm
<b>Finish</b>	Non-reflecting black
<b>Materials</b>	
Memraflex™ grille screen	
Warm-Grip™ handle	
<b>Dimensions</b>	
Length	@ 7.12 in. (181 mm)
Diameter	@ 2.05 in. (52 mm)
Shank	@ 0.80 in. (20 mm)
<b>Weight</b>	
Net	@ 8.4 oz (238 g)
Shipping	@ 18.2 oz (515 g)
<b>Accessories included:</b>	
Stand adapter (black)	
Soft zippered "gig" bag	

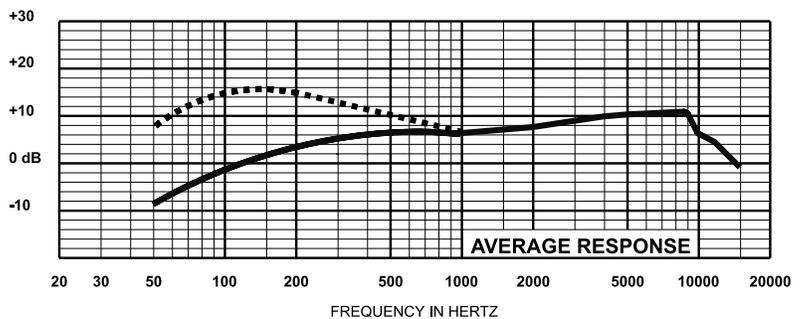
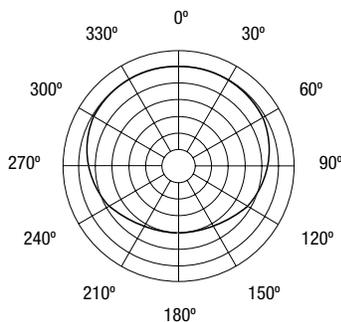
### Standard Placement & Use Guidelines

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.

### Warranty

This product is guaranteed against malfunction from any cause for two (2) years from the date of original purchase. In addition, the Limited Warranty for the acoustic system contained in the microphone shall apply for the life of this product, defines as a period of ten (10) years from the date that the manufacture of this microphone model has been discontinued. Any and all active electronics incorporated in this microphone are guaranteed against malfunction due to material workmanship for a period of three (3) years from the date of original purchase. This Limited Warranty does not extend to cables, connectors, or switches.

**For warranty service please call us at:  
616-695-6831 or 1-800-234-6831**



# EVERYWHERE<sup>SM</sup>

<b>USA</b>	12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-884-4051, FAX: 952-884-0043
<b>Canada</b>	705 Progress Avenue, Unit 46, Scarborough, Ontario, Canada, M1H2X1, Phone: 416-431-4975, 800-881-1685, FAX: 416-431-4588
<b>Switzerland</b>	Keltenstrasse 11, CH-2563 IPSACH, Switzerland, Phone: 41/32-331-6833, FAX: 41/32-331-1221
<b>Germany</b>	Hirschberger Ring 45, D94315, Straubing, Germany, Phone: 49 9421-706 392, Fax: 49 9421-706 287
<b>France</b>	Parc de Courcerin, Allee Lech Walesa, Lognes, 77185 Marne La Vallee, France, Phone: 33/1-6480-0090, FAX: 33/1-6480-4538
<b>Australia</b>	Unit 23, Block C, Slough Business Park, Slough Avenue, Silverwater, N.S.W. 2128, Australia, Phone: 61/2-9648-3455, FAX: 61/2-9648-5585
<b>Hong Kong</b>	Unit E & F, 21/F, Luk Hop Industrial Bldg., 8 Luk Hop St., San PO Kong, Kowloon, Hong Kong, Phone: 852-2351-3628, FAX: 852-2351-3329
<b>Japan</b>	2-5-60 Izumi, Suginami-ku, Tokyo, Japan 168, Phone: 81-3-3325-7900, FAX: 81-3-3325-7789
<b>Singapore</b>	3015A Ubi Rd 1, 05-10, Kampong Ubi Industrial Estate, Singapore 408705, Phone: 65-746-8760, FAX: 65-746-1206
<b>Mexico</b>	Av. Parque Chapultepec #66-201, Col. El. Parque Edo. Mex. 53390, Phone: (52) 5358-5434, FAX: (52) 5358-5588
<b>UK</b>	4, The Willows Centre, Willow Lane, Mitcham, Surrey CR4 4NX, UK, Phone: 44 181 640 9600, FAX: 44 181 646 7084
<b>Africa, Mid-East</b>	12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7424, FAX: 952-887-9212
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**U.S.A. and Canada only.**  
**For customer orders, contact the Customer Service department at  
800/392-3497 Fax: 800/955-6831**  
**For warranty repair or service information, contact the Service  
Repair department at 800/685-2606**  
**For technical assistance, contact Technical Support at 800/392-3497**  
Please refer to the Engineering Data Sheet for warranty information.  
Specifications subject to change without notice.