N/D267a & 267as

Vocal Microphone

N / D Y M ®

W I R E D

MICROPHONES

General Product Description

The acoustic response of the N/D267a and 267as presents optimal performance in a live sound environment. The new "vocally optimized bass" or VOB™ technology provides the performer with reduced resonant distortion at low frequencies. Critical damping of the low frequency resonant peak has resulted in a microphone that replaces the "muddiness" found in competitive models with greater warmth and increased vocal clarity. The increased clarity permits greater working distances than other competitive microphones, and ensures a clean, clear, consistent sound that "cuts through the mix."

- VOB™ technology provides tailored bass response for controlled "proximity effect" and exceptional vocal clarity
- Cardioid pattern for superior feedback rejection and acoustic isolation
- Consistent sound over greater working distances than competitive models
- Neodymium based magnet structure provides greater sensitivity and signal-to-noise ratio
- Warm Grip™ handle for more comfortable feel
- On/Off switch on N/D267as

Operation

The low frequency response of the N/D267a and 267as 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.

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Specifications

Element	Dynamic N/DYM® magnet structure
Frequency Response	
Close Response	45 Hz to 15 kHz
Far Response	100 Hz to 15 kHz
Polar Pattern	Cardioid
Impedance	Low-Z balanced (300 Ohms)
Sensitivity	
Open Circuit Voltage	2.9 mV/Pascal @ 1.0 kHz
Power Level	(0 dB=1mW/pascal) -51.5 dB
Switch	(N/D267as only)
Microphone Connector	3-pin, XLR-type
Polarity	Pin2positive, referenced to pin 3 with positive pressure on diaphragm
Finish	Non-reflecting black
Materials	
Memraflex™ grille screen	
Warm-Grip™ handle	
Dimensions	
Length	@ 7.12 in. (181 mm)
Diameter	@ 2.05 In. (52 mm)
Shank	@ 0.80 in. (20 mm)
Weight	
Net	@ 8.4 oz (238 g)
Shipping	@ 18.2 oz (515 g)
Accessories included	
Stand adapter (black)	
Soft zippered “gig” bag	

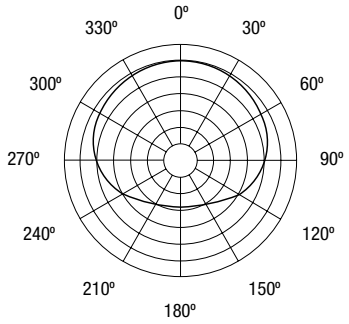
Standard Placement & Use Guidelines

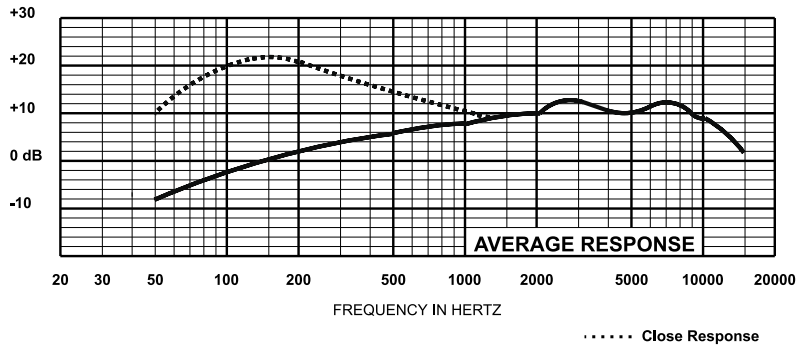
1. Always point the microphone at the desired source of sound, and away from any unwanted sources.
2. The microphone should be located close to the sound source to minimize interference from other potential sound sources.
3. Use the 3-to-1 rule when using multiple microphones. Place each microphone three 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℠

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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.