

# N/D157SB

## Cardioid Dynamic Vocal Microphone



### SPECIFICATIONS

#### Frequency Response:

Close Response:

25 to 15,000 Hz

Far Response:

70 to 15,000 Hz

#### Polar Pattern:

Cardioid

#### Open Circuit Voltage:

2.32 mV/pascal @ 1,000 Hz

#### Power Sensitivity:

-53 dB @ 1,000 Hz

(0 dB = 1 mW/pascal)

#### Dynamic Range:

141 dB

#### Equivalent Output Noise:

16 dB

(0 dB = 0.0002 dynes/cm<sup>2</sup>)

#### Impedance:

300 ohms balanced (80-2)

#### Weight:

10.7 ounces (303 grams)

#### Dimensions:

Height: 7.25 in. (184.2 mm)

Diameter: 2.05 in. (52 mm)

Shank: 0.80 in. (20 mm)

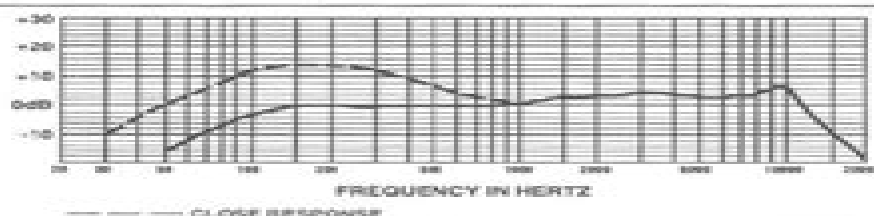
The Electro-Voice N/D157SB is a Single-D cardioid dynamic microphone utilizing a revolutionary neodymium alloy to form the EV-exclusive N/DYM<sup>®</sup> magnet with four times the power potential of conventional microphone magnets. The exceptional sensitivity of the N/D157SB combined with the inherently low noise of a dynamic transducer insures a superior signal-to-noise ratio ready for video recording and sampling.

For vocal applications where the microphone is used close up, the N/D157SB exhibits bass boost (proximity effect) that vocalists really appreciate. The high-frequency performance of the N/D157SB has been especially shaped for clean, clear, open sound that cuts through background noise. The low-frequency bass boost plus high-frequency response shaping create a natural sounding microphone.

The directional polar characteristic resists feedback when working close to sound reinforcement speakers and monitors. A built-in blast filter enables close talking or singing without worry of "P-popping" or other excessive breath and sibilant noise. A built-in elastomeric shock mount significantly reduces mechanical noise produced by handling or stand-induced vibration.

The N/D157SB is equipped with an on/off switch that shorts the microphone element when set to the "off" position, allowing the user to have local muting control.

### FREQUENCY RESPONSE



# Electro Voice Nd157b User Guide

**Electro-Voice, Inc**



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more commonly referred to as i2c is a synchronous two wire bidirectional serial communications bus the i2c module can be used to communicate with other ic compatible eeproms display drivers sensors or

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