

# N/D Series II

## 457A

**Electro-Voice®**  
a MARK IV company

### Hypercardioid Dynamic Vocal Microphone

The Electro-Voice N/D457A is a hypercardioid dynamic microphone utilizing a revolutionary neodymium alloy to form the EV-exclusive N/DYM® magnet with four times the power potential of conventional microphone magnets. With a computer-optimized design, the N/DYM magnetic structure is maximized in the N/D457A to provide up to 6-dB more output sensitivity over conventional designs while the more uniform magnetic field lowers distortion during peak sound pressure levels.

The large diaphragm contains 50 percent more surface area than conventional designs and is reinforced to prevent "breakup." The result is an extended high-frequency response with an open, transparent sound quality.

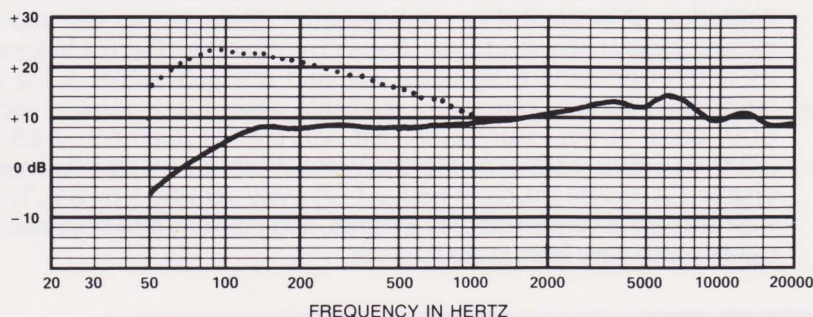
The exceptional sensitivity of the N/D457A combined with the inherently low noise of a dynamic transducer insures a superior signal-to-noise ratio ready for digital recording and sampling. To further reduce noise, a highly effective hum-bucking coil is used to cancel hum from lighting and other sources.

N/DYM® Series II microphones feature DynaDamp™, an advanced vibration-isolation material. DynaDamp™ is a unique foamed elastomer, specifically formulated for vibration control. Combining DynaDamp™ with the elastomeric Warm-Grip™ handle and windscreen bumper forms an advanced technology vibration-isolation system which dramatically reduces all forms of handling noise for the most demanding situations.

The N/DYM® Series II pop filter incorporates a special molded retainer which insures optimum placement of the Acoustifoam™ filter material, for maximum rejection of both wind noise and vocal P-pops. The retainer makes the pop filter an integral part of the microphone's removable upper grille assembly, allowing easy cleaning for continued top performance.

The uniform hypercardioid polar pattern of the N/D457 insures superior gain-before-feedback in live applications and better isolation in the studio—at all frequencies—compared with other directional microphones with widely varying polar characteristics.

#### FREQUENCY RESPONSE



... Close Response

