

**DO56**

Shock-Mounted  
Dynamic Omnidirectional



The DO56 is a shock-mounted omnidirectional microphone for hand-held broadcast and sound reinforcement applications. All handling noises and cord vibration are isolated from the microphone element. Shock isolation is enhanced by having the main acoustic cavity and the diaphragm/voice-coil assembly isolated as a unit from the case. Butyl rubber shock rings act as the spring in the isolation system. A capsule/case collision is impossible. This "G-factor" margin makes the DO56 less susceptible to the bell-like clang heard from other shock-mounted microphones when they are accelerated or decelerated rapidly.

Frequency response extends to 18,000 Hz. A slow rolloff below 200 Hz (-8 dB at 50 Hz), combined with slight emphasis in the 2,000-12,000 Hz range gives the DO56 excellent vocal qualities without low-frequency noise interference. A high-density Acoustifoam™ blast filter protects against "P-pops." The steel and aluminum case was chosen for perfect hand-held balance. The Memraflex grille screen bounces back to keep its shape. A slim, attractive silhouette and the silver tone beige finish are ideal for on-camera use.

**Frequency Response:** 80-18,000 Hz

**Impedance:** 150 ohms

**Output:** -61 dB

**Diaphragm:** EV Acoustalloy™

**Case:** Steel and aluminum

**Finish:** Silver tone beige

**Size:**

159mm (6¼") long;

37mm (1<sup>15</sup>/<sub>32</sub>") max. diameter;

19mm (¾") shank diameter

**Weight:** 185 grams (6.5 oz)

**Cable:** 4.6m (15') Switchcraft A3F conn.

**Included:** 312B stand adapter, protective vinyl carrying pouch

**Optional Accessories:** Shown on pages 22 & 23

