

DO56
Shock-Mounted
Dynamic Omnidirectional



RE50
Shockproof
Dynamic Omnidirectional



635A
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 (1¹⁵/₃₂") max. diameter;

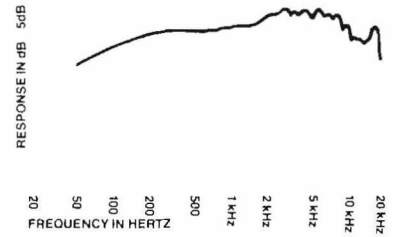
19mm (¾") shank diameter

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



The RE50 was designed expressly for hand-held news-gathering work. It has the same tailored frequency response and high output level as the famous 635A. The RE50's rubber shock-mount "mike-within-a-mike" design achieves a degree of shock isolation never before known in the industry. The construction is also highly resistant to damage from mechanical shock. A built-in windscreen is a super effective "P-pop" filter too. Rugged extruded aluminum case and a Memraflex grille screen allow the RE50 to go anywhere, indoors or out.

Frequency Response: 80-13,000 Hz

Impedance: 150 ohms

Output: -55 dB

Diaphragm: EV Acoustalloy®

Case: Aluminum

Finish: Fawn beige micomatte

Size:

197mm (7¾") long;

49mm (1¹⁵/₁₆") max. diameter;

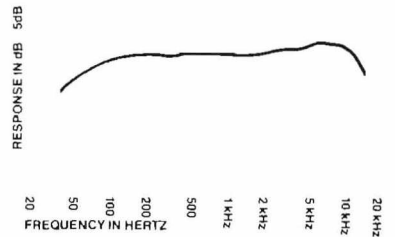
25mm (1") shank diameter

Weight: 269 grams (9½ oz)

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

Included: 301A clamp, metal carrying case

Optional Accessories: Shown on pages 22 & 23



The 635A is quite simply the most rugged, durable microphone we manufacture. The 635A's moderately high output level (-55 dB) is appropriate for a broad range of studio and field applications. Its response has been specially shaped for up-close vocals. A slow roll-off below 200 Hz (-8 dB at 50 Hz) with a broad rise of several dB from 2,000-12,000 Hz results in bright yet natural vocal quality without the low-frequency noise pickup problems that can plague microphones with flat low-frequency response.

The sound of the 635A is the standard against which other up-close omnidirectional vocal microphones are compared. A four-stage filter protects the head against "P-pops" and damage from dust and magnetic particles. The 635A can usually be used outdoors without a windscreen.

In addition to traditional E-V durability, such as a turned steel case and mechanically nested parts, the head is suspended in a firm plastic elastomer surround, which reduces noise generated by external contact and protects the head from severe mechanical shock.

Frequency Response: 80-13,000 Hz

Impedance: 150 ohms

Output: -55 dB

Diaphragm: EV Acoustalloy®

Case: Steel

Finish: Fawn beige micomatte

Size:

151mm (5¹⁵/₁₆") long;

36mm (1¹³/₃₂") diameter

Weight: 170 grams (6 oz)

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

Included: 312A clamp

Optional Accessories: Shown on pages 22 & 23

