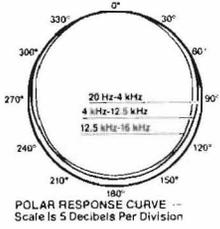


CO15P

Phantom Powered Condenser
Omnidirectional



RE55

Dynamic Omnidirectional



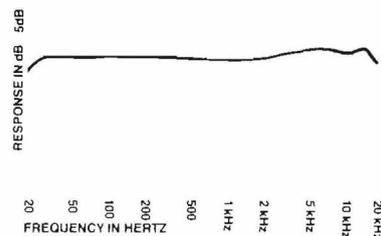
DO54

Dynamic Omnidirectional



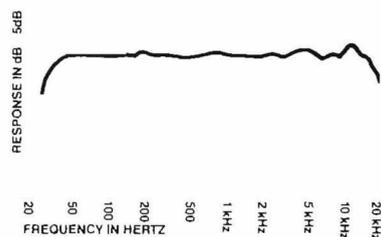
The CO15P is the finest omnidirectional microphone we manufacture. Its element is used in precision real-time acoustic analyzers. Response extends from below 20 to 20,000 Hz. Unlike typical "omnidirectional" microphones, the CO15P maintains true omnidirectional performance at the highest frequencies. This results from the unusually small 3/8-inch diameter element and a low-diffraction cone-shaped baffle. With response essentially flat at any angle greater than 45 degrees, even distant pickups which contain a large degree of naturally reflected sound have the same "brightness" your ears hear. The CO15P is also ideal for high-accuracy up-close studio and stage miking because its inherent head design and blast filter make it less susceptible to vocal "P-pops" than any other E-V microphone, with undistorted output at high sound pressure levels (145 dB at 1,000 Hz). The CO15E element and the PE15 preamplifier which make up the CO15P microphone are interchangeable with other "System C" elements and the SE15A electronics, available separately.

Frequency Response: 20-20,000 Hz
Impedance: 150 ohms
Output: - 45 dB
Element: Condenser (electret)
Maximum SPL for 1% THD: 145 dB at 1000 Hz, load \geq 1200 ohms
Equivalent Noise Level: Less than 26 dB SPL, A weighted
Power: Phantom (9-50V)
Case: Steel
Finish: Fawn gray micomatte
Size:
 173mm (6¹³/₁₆") long
 27mm (1¹/₁₆") max. diameter
 19mm (3/4") shank diameter
Weight: 213 grams (7.5 oz)
Cable: 4.6m (15') Switchcraft A3F conn.
Included: 315A windscreen, 310A clamp, metal carrying case
Optional Accessories: Shown on pages 22 & 23



The RE55 has the widest frequency response of all E-V dynamic microphones, 40-20,000 Hz. A classic design, the RE55's heritage goes back over twenty-five years to the original 655 which changed the broadcast industry's idea of what a dynamic microphone could do. Essentially flat on axis over its rated range, the RE55's long-term stability has made it a widely used secondary standard for acoustic measurements. Its flat response and omnidirectional polar pattern have also made it a favorite for spaced-pair stereo recordings of concert music where a sense of the natural acoustic environment is desired and a shaped response is not necessary to solve acoustic problems. The RE55's freedom from distortion at high sound pressure levels (on the order of 160 dB) make it equally at home for high level up-close miking applications on stage and in the studio. Its long, slim styling also makes it appropriate for a number of hand-held studio and in-the-field applications.

Frequency Response: 40-20,000 Hz
Impedance: 150 ohms
Output: - 57 dB
Diaphragm: EV Acoustalloy™
Case: Steel
Finish: Fawn beige micomatte
Size:
 266.7mm (10½") long
 30.9mm (1⁷/₃₂") max. diameter
 19mm (3/4") shank diameter
Weight: 241 grams (8½ oz)
Cable: 4.6m (15') Switchcraft A3F conn.
Included: 310A clamp, metal carrying case
Optional Accessories: Shown on pages 22 & 23



Based on the RE55, the DO54 is a moderately priced microphone with essentially flat response over its rated frequency range of 50-18,000 Hz. It is useful in applications where the RE55 would excel but where the one-third-octave additional response below 50 Hz is not required, or where small microphone-to-microphone variation is acceptable. The DO54 is a favorite with the serious amateur recordist. Also, its slim, short styling—where the connector literally becomes part of the microphone—makes the DO54 a fine hand-held microphone, on stage and on camera. The DO54 is also available in non-glare white (DO54W).

Frequency Response: 50-18,000 Hz
Impedance: 150 ohms
Output: - 58 dB
Diaphragm: EV Acoustalloy™
Case: Steel
Finish: Fawn beige micomatte (DO54W in non-glare white)
Size:
 146mm (5¾") long;
 29mm (1½") max. diameter;
 19mm (3/4") shank diameter
Weight: 184 grams (6.5 oz)
Cable: 4.6m (15') Switchcraft A3F conn.
Included: 310A clamp, metal carrying case
Optional Accessories: Shown on pages 22 & 23

