

Electro-Voice RE20 Variable-D Dynamic Cardioid Studio Microphone (Frequency Response 45Hz to 18kHz)

The Electro-Voice RE20 is a professional-quality dynamic cardioid microphone created specially for recording, broadcast and soundreinforcement applications requiring essentially flat response over a very wide frequency range. The wide frequency response, coupled with excellent transient response, make the RE20 easily comparable to the finest condenser cardioid microphones and an easily operated “bass tilt down” switch corrects spectrum balance for use in long-reach situations or other applications where bass attenuation is needed.

A true cardioid microphone, the RE20 offers greatest rejection at 180° off axis - directly to the rear of the microphone. Pattern control is so consistent that the frequency response is nearly independent of angular location of the sound source, creating virtually no off-axis coloration, yet providing greatest possible rejection of unwanted sounds. An integral blast and wind filter covers each acoustic opening on the RE20. In recording sessions or on stage, singers can “close talk” the microphone, singing with their lips almost touching the grille screen with no worry of “P-pops” or excessive sibilance. Part of the filter also shock mounts the internal microphone element, reducing the transfer of vibrations from external sources. The exceptional performance of the RE20 is achieved by using a large Acoustalloy diaphragm in combination with an exceptionally low-mass aluminum voice coil. Using this diaphragm assembly, the RE20 is capable of reproducing extremely high sound pressure levels with no fear of the overload and distortion often experienced with phantompowered condensers. The RE20 will also continue to function flawlessly in high humidity and elevated temperatures that would seriously degrade competitive condenser microphones. A massive steel housing and effective hum-bucking coil assure the RE20’s resistance to magnetically induced hum and noise. This means the RE20 can be used successfully in situations where other microphones would experience unacceptable levels of hum and buzz.

Features:

- Favorite of broadcast show hosts and voice- over studios
- Ideal for instrument recording, especially kick drums and acoustic guitars
- Studio condenser response yet no powering required and immune to overloading
- Large Acoustalloy diaphragm and low-mass aluminum voice-coil
- Dual-ported, continuously Variable-D® with minimal proximity effect
- Steel case and hum-bucking coil provide exceptional magnetic shielding