Electro-Voice



RE320

premium performance – from the studio to the stage

Acoustic Excellence

Make room in the mic locker for your new go-to mic. Broadening the application zone of this classic Electro-Voice form, the RE320 breaks new ground in the studio and live performance microphone world.

Dynamic Versatility

Engineered for world-class performance in both studio and stage applications, the RE320 deploys innovative patented Electro-Voice technologies to create the perfect dynamic microphone for both voice and instruments.

- RE320's unique "Dual Personality" switch creates two ideal mics in one.
- Neodymium magnet creates higher output with faster transient response and greater high-frequency detail.
- EV's patented Variable-D® proximity control ensures pure and natural tone.
- EV's patented humbucking coil guards against EMF interference and hum.



The frequency contour in this switch position is engineered specifically for voice, acoustic, and amplified instruments.







The frequency contour in this switch position is engineered specifically for kick drum, delivering rock-solid tone, punch, and attack.



RE320



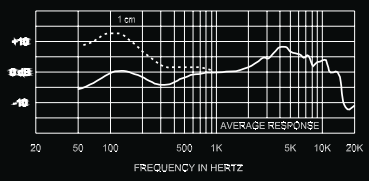
Product Description:

The RE320 is a professional quality dynamic microphone designed specifically for recording and sound reinforcement applications requiring extremely low noise and the highest level of predictable tonal and transient response. Ideal for capturing vocal and instrument sources, the RE320 delivers unparalleled detail, dynamic content, and natural tone.

Variable D® is Electro-Voice's exclusive solution to the tonal changes associated with the proximity effect found in other directional microphones. Providing balanced and uniform frequency response up to 180° off-axis, the result is always stable and linear tonal performance — even when the sound source is moving around the mic. Ideal for capturing the critical details of voice, amplified, and acoustic instruments, Variable-D® capsules deliver impeccably smooth and natural tone on virtually any sound source.

Utilizing the same humbucking coil technology found in the RE20 and RE27N/D to arrest electro magnetic field interference introduced by sources close "to the microphone", the RE320 produces an ultra-quiet signal path free from the hum and buzz found in other dynamic microphones.

The RE320 incorporates a two-position "Dual Personality" frequency response switch which allows engagement of two vastly different performance curves.



Selecting the left-hand switch position engages a curve specifically designed for use on kick drums. With dips and peaks exactly where kick drums need a little EQ attention, the result is an incredibly tight "insta-kick" sound requiring little-if-any additional EQ when the microphone is properly positioned at the drum.





Selecting the right-hand switch position engages a linear curve which is ideal for voice (music and speech), as well as instruments (such as guitar amps, bass amps, low toms, percussion, brass and wind instruments, etc.). The response is smooth, natural, and articulate, with a minimum of discolored off-axis bleed from surrounding sound sources.

Technical Specifications:

Generating Element:	Dynamic neodymium magnet
Frequency Response:	30-18000 Hz (kick curve) 45-18000 Hz (general curve)
Polar Pattern:	Cardioid
Impedance:	150 ohms balanced
Sensitivity, Open Circuit Voltage, 1 KHz:	2.5 mV/pascal
Hum Pickup Level, Typical (60 Hz/1 milliosted field)	-130 dBm
Case Material:	Steel
Length:	216.7 mm (8.53 in)
Widest Diameter:	54.4 mm (2.14 in)
Body Diameter:	49.2 mm (1.94 in)
Finish:	Semi-gloss black
Net Weight:	681 g (1 lb 8 oz)
Shipping Weight:	1044 g (3 lb 5 oz)



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LIVE FOR SOUND

mics • dsp • amps • speakers

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