



RE Broadcast

Building on a long legacy of outstanding performance and reliability, Electro-Voice studio and field production microphones have earned their place at the top of the broadcast industry. From the announcers booth to the recording studio and out into the field, EV radio and television mics are the number-one choice for anyone who makes their living with their voice. Led by the legendary RE20 and RE27N/D Variable-D™ vocal microphones, our broadcast line sets the standard professionals everywhere depend on.

RE20 BROADCAST ANNOUNCERS MICROPHONE WITH Variable-D™



The RE20 dynamic cardioid microphone is truly an industry standard, a firm favorite among broadcasters and sound engineers worldwide. Its popularity also extends into music production as a premium grade instrument microphone. Its Variable-D™ design and heavy-duty internal pop filter excel for close-in voice work, while an internal element shock mount reduces vibration-induced noise.

- Variable-D™ for minimal proximity effect
- True cardioid with no coloration at 180-degrees off-axis
- Voice tailored frequency response
- Studio condenser-like performance
- Large diaphragm
- Humbucking coil
- Bass roll-off switch

RE27N/D BROADCAST ANNOUNCERS MICROPHONE WITH Variable-D™ AND N/DYM CAP



The RE27N/D is a high-performance, neodymium-equipped industry-standard broadcast microphone. Superb resolution and depth for voice and instruments have also made the versatile RE27N/D a favorite of recording studios and live sound engineers around the world.

- Variable-D™ for minimal proximity effect
- Neodymium element design brings 6 dB more sensitivity
- Ultra-flat frequency response
- Studio condenser-like performance
- Three selectable filters: -6 dB from 250-100 Hz, -12 dB from 1000-100 Hz and -3 dB high frequency roll-off
- Integral wind and blast filters

	RE20	RE27N/D	RE16	RE50B	RE50N/D-B	635A	635N/D-B
Mic Type	Vocal/Instrument	Vocal/Instrument	Handheld	Handheld	Handheld	Handheld	Handheld
Element	Dynamic	Dynamic	Dynamic	Dynamic	Dynamic	Dynamic	Dynamic
Polar Pattern	Cardioid	Cardioid	Supercardioid	Omni	Omni	Omni	Omni
Frequency Response	45–18,000 Hz	45–20,000 Hz	80–15,000 Hz	80–13,000 Hz	80–13,000 Hz	80–13,000 Hz	80–13,000 Hz
Impedance	150 Ω	150 Ω	150 Ω	150 Ω	150 Ω	150 Ω	150 Ω
Open Circuit Voltage	1.5 mV/Pascal	2.5 mV/Pascal	1.4 mV/Pascal	1.6 mV/Pascal	2.2 mV/Pascal	1.4 mV/Pascal	2.8 mV/Pascal
Power Requirements	Passive	Passive	Passive	Passive	Passive	Passive	Passive
Connector Type	Three-pin XLR	Three-pin XLR	Three-pin XLR	Three-pin XLR	Three-pin XLR	Three-pin XLR	Three-pin XLR
Case Material	Steel	Steel	Steel	Aluminum	Aluminum	Steel	Steel
Finish	Fawn Beige	Satin Nickel	Fawn Beige	Semi-gloss camera black	Semi-gloss camera black	Fawn Beige	Non-reflective black

FIELD PRODUCTION GROUP

There's a reason that EV's RE series and model 635 microphones are legendary as broadcast workhorses. Designed for ENG (electronic news production) and EFP (electronic field production), these top-notch television and radio microphones deliver the excellent sound performance that broadcast professionals demand, and they are also extremely rugged, built tough to hold up to years of work in the field. Able to withstand adverse conditions including high humidity, temperature extremes and corrosive environments, such as salt air, these mics are ready to work no matter where the story takes you.

RE16 DYNAMIC SUPERCARDIOID HANDHELD WITH Variable-D™



A dynamic supercardioid microphone designed for the most exacting professional use. EV's Variable-D™ design keeps frequency response uniform regardless of directionality. An integral blast filter permits handheld and outdoor use without "P-popping" or excessive wind noise.

- Variable-D™ dynamic microphone
- Supercardioid polar pattern
- Great for podium or handheld use
- Unique blast filter prevents pops in close-up use
- Uniform response independent of angle
- Humbucking coil reduces electromagnetic hum pickup

RE50B HANDHELD INTERVIEW MICROPHONE



The RE50B is the industry standard for handheld interview mics in broadcast television production. Used on interviews with everyone from the President of the United States to the family next door, the RE50B is heard and seen in the reporting of news correspondents around the globe.

- Omnidirectional polar pattern
- Dynamic element
- Extremely low handling noise via Dyna-Damp™ "mic in-a-mic" shock-mount system
- Impervious to wind noise and p-pops via its four-stage pop filter
- Withstands high humidity, temperature extremes and corrosive salt air

RE50N/D-B HANDHELD INTERVIEW MICROPHONE WITH N/DYM CAPSULE



The RE50N/D-B delivers all of the outstanding performance of the industry-standard RE50B with the added benefit of a high-output neodymium capsule magnet. A top choice in broadcast television production where the additional gain of a neodymium capsule is well-suited for particular camera or recording device inputs.

- Omnidirectional dynamic
- Higher output neodymium magnet structure
- Extremely low handling noise
- Four-stage pop filter blocks wind noise
- Withstands high humidity, temperature extremes and corrosive salt air

635A CLASSIC HANDHELD INTERVIEW MICROPHONE



The classic 635A live interview wired microphone is the most popular ENG mic in the world. It delivers great sound and is known as the "Buchanan Hammer"—a nod to EV's ancestral Michigan home—for its rugged durability.

Also available in black (635A/B).

- Omnidirectional polar pattern
- Dynamic element
- Incredibly robust and durable
- Linear frequency response
- Completely pop-free
- Four-stage pop and dust filter
- Effective internal shock absorber

635N/D-B CLASSIC HANDHELD INTERVIEW MICROPHONE WITH N/DYM CAPSULE



The 635N/D-B has the same "hammer-like" toughness and classic performance and reputation as the 635A with the added benefit of increased output from its neodymium magnet structure.

- Omnidirectional dynamic
- Neodymium element for higher output
- Acoustalloy™ diaphragm material for very smooth response over a wide frequency range
- Integral windscreens and blast filter
- Black semi-gloss finish