



## Introducing the NEW RE510 Premium Condenser Microphone from Electro-Voice®



On tour with Teresa Anderson



RE Series microphones from Electro-Voice® are known the world over as leaders in the audio field. With this legacy in mind, EV is proud to announce the newest addition to this elite family – the RE510. Large-diaphragm condenser performance with the flexibility to adapt to different situations – every word, every note, every feeling – captured with the RE510.

#### Great sound

- Large diameter condenser diaphragm for a clear and pure response
- Super-cardioid polar pattern for superior feedback rejection
- Wide bandwidth and high-SPL handling capability, low distortion and outstanding transient response for great performance

#### Solid EV design

- Warm grip handle for reduced handling noise and a comfortable feel
- Multistage pop-filter virtually eliminates breath noise
- Hardened windscreen means road worthy durability

#### The way you want it to sound

- Low frequency roll-off switch
- Rolled off, it offers a clean, pure sound without the harsh edginess found in other high-end condenser mics
- Flat, it provides a warm, full sound – great for use with in-ears or in the studio

The new RE510 from EV – Experience Pure Sound.

# RE510

Premium Condenser Microphone

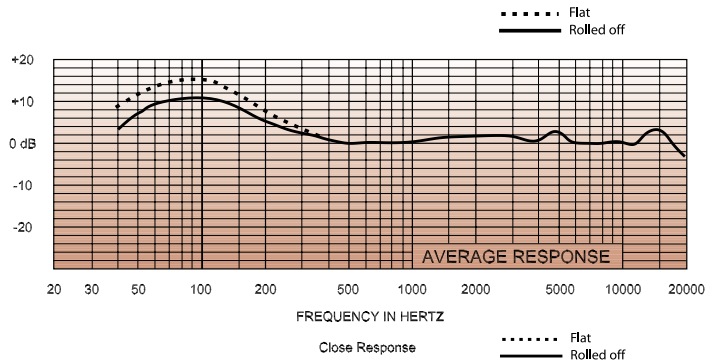
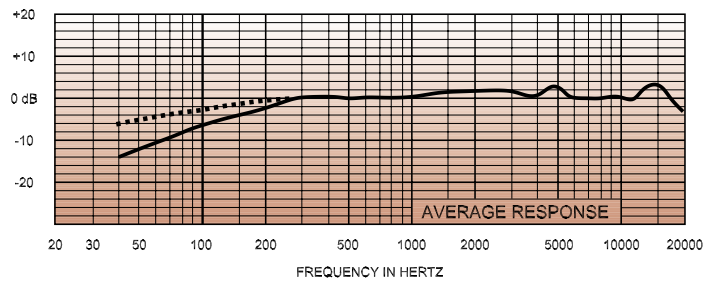
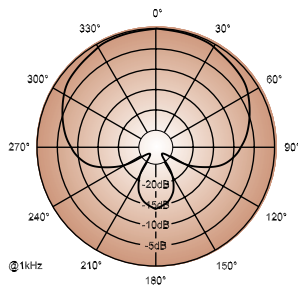


## Technical Specifications

Generating Element	Self-Biased Condenser
Frequency Response	40 to 20,000 Hz
Polar Pattern	Supercardioid
Sensitivity, Open Circuit Voltage, 1 KHz	-52 dBV/Pa (2.5 mV)
Output Impedance	250 ohms
Clipping Level, 1 KHz	+2 dBV
Maximum SPL, 1 KHz	146 dB SPL (1% THD)
Self-Noise	22 dBA
Dynamic Range, (Maximum SPL to a weighted noise level):	124 dB
Signal-to-Noise Ratio	72 dB (@ 94 dB SPL)
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3
Power Phantom Supply Requirement	48 Vdc, positive at pins 2 & 3
Current Drain	Up to 10 Ma.
Dimensions Length Diameter Shank	7.15" (182 mm) 2.0" (51 mm) 0.80" (20 mm)
Weight	9.2 oz. (260 g)
Accessories Included	Stand Adaptor (Black) Soft zippered "gig" bag

## Key Features:

- Low frequency response can be configured by means of a securely located low frequency selector switch.
- 5/8" diameter self biased condenser capsule offers the warmth of a larger capsule design without sacrificing off-axis performance or transient response.
- Supercardioid polar pattern for superior feedback rejection and acoustic isolation.
- Modern high-speed electronic design for extremely low distortion, and outstanding transient response.
- High current differential output stage can drive long microphone cables without loss of performance.
- Warm Grip™ handle for more comfortable feel.
- Multistage pop filter eliminates breath pop noises.



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