



# E100VP

**USA Series Equitek  
Large Diaphragm  
Variable Pattern  
Studio Condenser Microphone**

## Applications:

Voice-over  
Acoustic instruments  
Percussion  
Podcasting  
Vocal performance

## Description

The Equitek™ E100VP is a fifth-generation, USA-built condenser microphone that continues a decades-long legacy of studio excellence. Known for its warm, vintage character and smooth, articulate sound, the E100VP delivers exceptional detail and musicality for both studio recording and live applications.

At its core is a gold-plated 1-inch large-diaphragm capsule designed for rich vocals and precise instrument reproduction. A continuously variable polar pattern control allows seamless adjustment between omnidirectional, cardioid, supercardioid, subcardioid, and figure-8 patterns—offering unmatched flexibility in any recording environment.

With high sensitivity, low self-noise, and low distortion, the E100VP captures subtle performance nuances with clarity. Additional features include a 100 Hz high-pass filter, 10 dB pad for high-SPL sources, and a low-profile shock mount to reduce mechanical noise in tight setups.

Versatile and professional-grade, the CAD Audio E100VP excels on vocals, acoustic instruments, percussion, and amplifiers—making it a powerful, enduring centerpiece for any studio or stage.

*Equitek*



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# E100VP

## USA Series Equitek Large Diaphragm Variable Pattern Studio Condenser Microphone

### Specifications†

**Principle** ..... Externally-biased Condenser  
**Polar Pattern** ..... Variable  
**Frequency Response** ..... 20Hz - 20kHz  
**Sensitivity**

**Cardioid** ..... -37dBV (14mV) @ 1Pa

**Omnidirectional** ..... -40dBV (10mV) @ 1Pa

**Figure-of-8** ..... -34dBV (20mV) @ 1Pa

**Impedance** ..... 50ohms

### Max SPL

**Cardioid** ..... 127dB 1% THD

**Omnidirectional** ..... 134dB 1% THD

**Figure-of-8** ..... 128dB 1% THD

**Cardioid** ..... 137dB (Pad engaged)

**Omnidirectional** ..... 144dB (Pad engaged)

**Figure-of-8** ..... 138dB (Pad engaged)

### Self Noise (Capacitor Substitution Method)

**Cardioid** ..... 9dBA

**Omnidirectional** ..... 12dBA

**Figure-of-8** ..... 4dBA

### Dynamic Range

**Cardioid** ..... 118dB

**Omnidirectional** ..... 123dB

**Figure-of-8** ..... 124dB

**Low Cut** ..... 100Hz 6dB/oct

**Pad** ..... -10dB

### Signal-to-Noise Ratio

**Cardioid** ..... 85dB

**Omnidirectional** ..... 80dB

**Figure-of-8** ..... 90dB

**Power Requirements** ..... P48, 3.5mA

**Weight** ..... 1.98lbs (0.9Kg)

### Dimensions

**(Mic only)** ..... 6.0625" (15.4cm) tall

2.245" (5.7cm) wide

2.108" (5.35cm) deep

**With shock mount** ..... 6.0625" (15.4cm) tall

2.903" (7.37cm) wide

5.555" (14.11cm) deep

**Included Accessories** ..... Shock mount

**RoHS** ..... Compliant

†Specifications subject to change without notice.

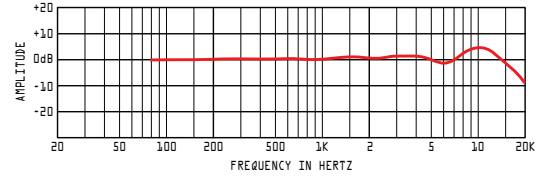
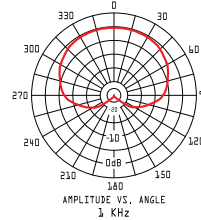


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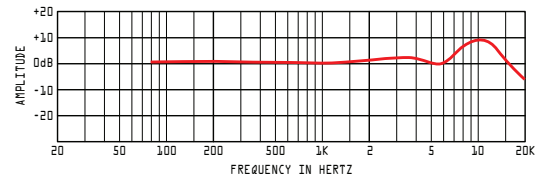
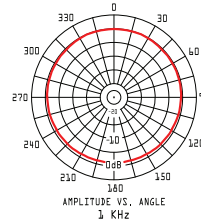
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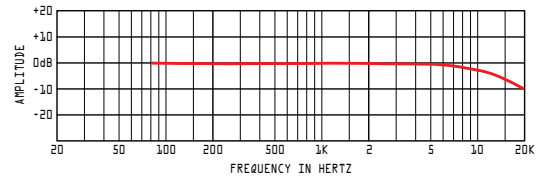
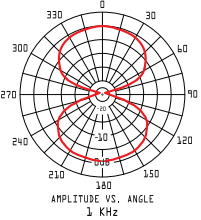
### Cardioid



### Omnidirectional



### Figure-of-8



### Two-Year Limited Warranty

CAD Audio hereby warrants that this product will be free of defects in material and workmanship for a period of two years from the date of purchase. In the unlikely event that a defect occurs, CAD will, at its option, either repair or replace with a new unit of equal or greater value. In the event that a suitable replacement is unavailable, CAD Audio may elect to reimburse owner for the cost of local repairs or issue a refund in the amount of the original purchase price. Items must be purchased from an authorized CAD Audio dealer, and the warranty is not transferable from the original owner. Please retain proof of purchase to validate the purchase date and include it with any warranty claim.

This warranty excludes exterior finish or appearance, damage from abuse, misuse of the product, use contrary to CAD's instructions or unauthorized repair. All implied warranties, merchantability, or fitness for a particular purpose is hereby disclaimed and CAD hereby disclaims liability for incidental, special or consequential damages resulting from the use or unavailability of this product.

This warranty gives you specific legal rights and you may have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.

Note: No other warranty, written or oral is authorized by CAD Audio.

To initiate a warranty claim, please contact American Music and Sound at 1-800-431-2609 to obtain a return authorization number and shipping instructions.

- A return authorization is required for all returns. RETURNS WITHOUT A PRE-APPROVED RETURN AUTHORIZATION NUMBER WILL BE REFUSED.
- Please use at least 3 inches of padding surrounding the product for protection during shipment
- Retain your tracking number until your warranty claim has been resolved
- We recommend using an insured shipping method in case of loss or damage during shipment

If outside the United States, contact your local dealer or distributor for warranty details.

