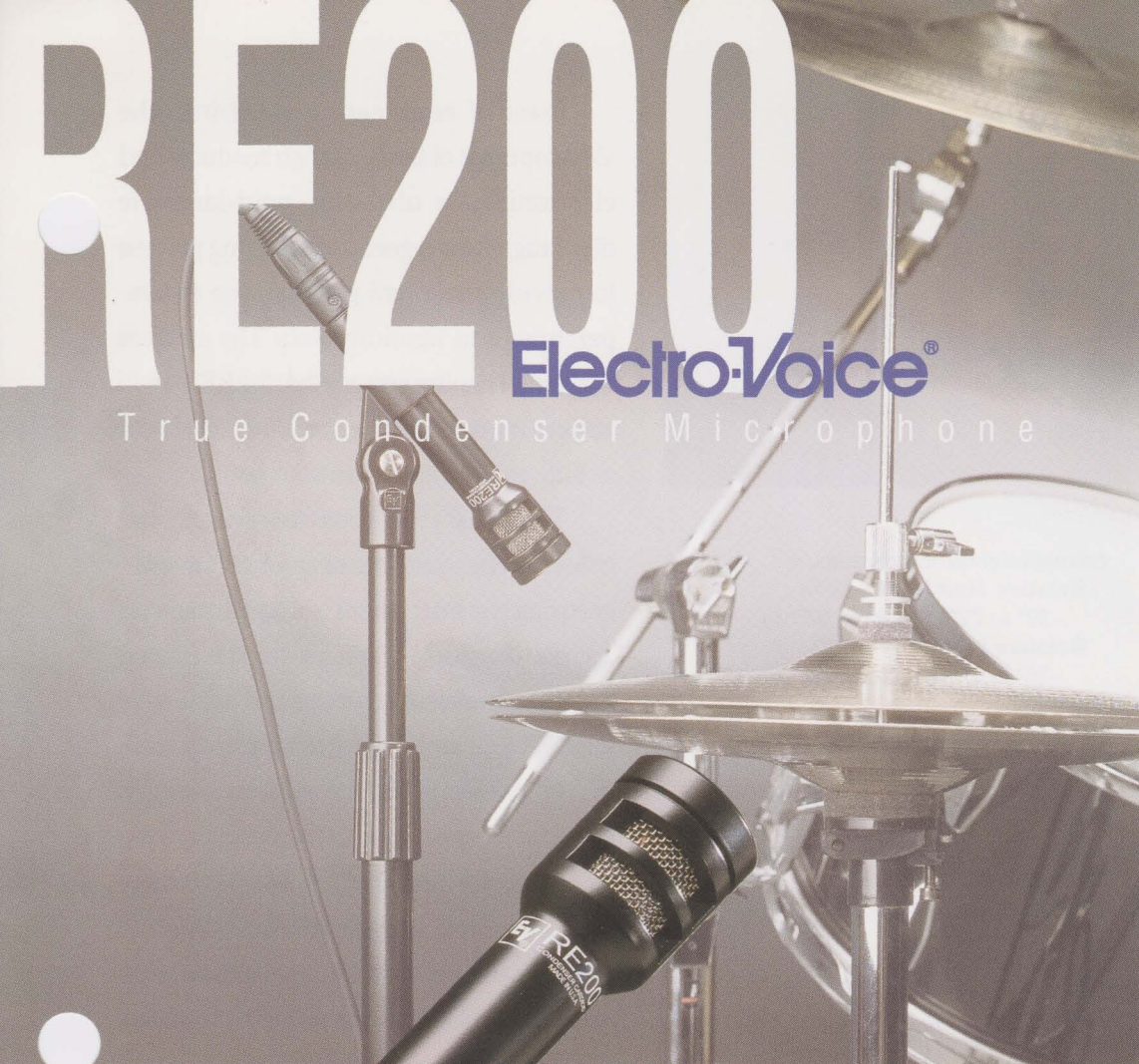


# RE200

Electro-Voice®

True Condenser Microphone



## Instrumentally P e r f e c t

*The Electro-Voice RE200*

*"true" condenser microphone*

*is designed for critical  
recording applications.*

*From the subtle nuances of  
a solo cello, to the dynamics  
of explosive percussion, the  
RE200 faithfully reproduces  
any instrumental sound.*

*The externally-biased "true"  
condenser design delivers better  
sensitivity, lower self-noise,  
and lower distortion than  
common electret designs.*

*Newly developed  
manufacturing techniques  
make the RE200 a  
world-class studio microphone  
at an affordable price.*



**Electro-Voice®**

a MARK IV company

# RE200

Electro-Voice®  
True Condenser Microphone

#### Generating Element:

True condenser (externally biased)

#### Frequency Response (see Figure 1):

50-18,000 Hz

#### Polar Pattern (see Figure 2):

Cardioid

#### Sensitivity,

Open Circuit Voltage, 1 kHz:

10 mV/pascal

Power Level, 1 kHz

(0 dB = 1 mW/pascal):

-39 dB

#### Clipping Level (1% THD):

130 dB SPL

#### Equivalent Noise:

21 dB SPL A weighted

#### Dynamic Range:

109 dB

#### Output Impedance, 1kHz:

200 ohms

#### Power Requirements:

12-52 V dc phantom supply

#### Current Consumption:

3.5 mA

#### Polarity (see Figure 2):

A positive pressure on the diaphragm produces a positive voltage on output pin 2 (+)

#### Finish:

Semigloss "camera" black

#### Environmental Conditions,

Relative Humidity 0-50%:

-29° to 74° C (-20° to 165° F)

Relative Humidity 0-95%:

-29° to 57° C (-20° to 135° F)

#### Dimensions:

27.9 mm (1.1 in.) wide at transducer

20.3 mm (0.8 in.) wide at handle

137.2 mm (5.4 in.) long

#### Shipping:

456 grams (16.1 oz)

#### Accessories Furnished:

311 stand clamp;

Zippered vinyl carrying pouch;

Wind Tech™ 5700-12 black

external foam windscreen

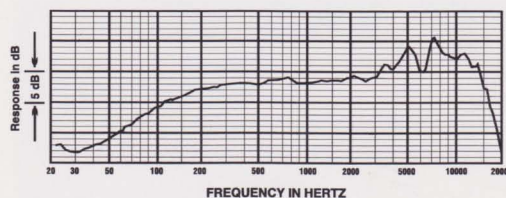


Figure 1

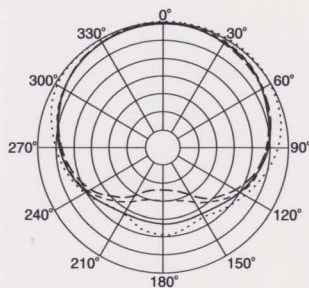
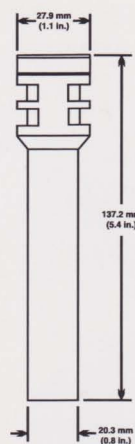


Figure 2



Years of engineering went into the development of the RE200's transducer and electronics. Its ultrathin, gold-laminate diaphragm undergoes a triple aging process to provide consistent performance as temperatures and humidity vary. The efficient electronic circuitry ensures that the RE200 will achieve its maximum performance level with as little as 12 volts of phantom power.

The RE200's well-controlled presence rise enhances the overtones of any instrument—ensuring the instrument's unique character comes through, even in dense mixes. Excellent transient response and detail give the RE200 an amazingly transparent sound.

Its cardioid pickup pattern remains remarkably uniform with frequency, making control of off-axis sound and room ambience very predictable. Its patented AcoustiDYM™ shock-mount system minimizes transmission of mechanical vibration into the audio chain.

The small size of the RE200 makes it easy to position on any instrument. Its neutral semigloss "camera" black color encourages use on video and other applications where a microphone should be heard but not seen. An external windscreen is also included to help deal with all types of wind noise.

Like all EV products, the RE200 is built to the highest standards of ruggedness and reliability to provide you with years of exceptional performance. Our two-year unconditional/limited lifetime warranty is a testament to its extraordinary engineering and quality construction.



**Electro-Voice®**  
a MARK IV company

600 Cecil Street, Buchanan, Michigan 49107, Phone 616/695-6831, 800/234-6831, Fax: 616-695-1304

Mark IV Audio Canada, Inc., 345 Herbert St., Gananogue, Ontario, Canada K7G 2V1, Phone 613/382-2141, Fax 613/382-7466

Mark IV Audio Switzerland, Keltenstrasse 11, CH-2563 IPSACH, Switzerland, Phone 011-41/32-51-6833, Fax 011-41/32-51-1221

Mark IV Audio Deutschland, Hirschberger Ring 45, D-94302, Straubing, Germany, Phone 011-49/9421-7060, Fax 011-49/9421-706265

Mark IV Audio France, S.A., Parc de Courcerin—Allee Lech Walesa, Lognes, F-77185 Marne La Vallee, France, Phone 011-33/1-6480-0090, Fax 011-33/1-6006-5103

Mark IV Audio Japan Ltd., 2-5-60 Izumi, Suginami-ku, Tokyo, Japan 168, Phone 011-81/3-3325-7900, Fax 011-81/3-3325-7789

Mark IV Audio (Aust.) Pty. Ltd., Unit 24, Block C, Slough Business Park, Slough Ave., Silverwater, N.S.W. 2141, Australia, Phone 011-61/2-648-3455, Fax 011-61/2-648-5585

Mark IV Audio Hong Kong, Unit E & F, 21/F., Luk Hop Industrial Bldg., 8 Luk Hop St., San Po Kong, Kowloon, Hong Kong, Phone 011-852/351-3628, Fax 011-852/351-3329