



MA-200 Condenser Microphone

The MA-200 is a large diaphragm, vacuum tube condenser microphone with a fixed cardioid pattern. The most recent in a lineage of microphone designs by David Royer, the MA-200 gives warm, full-bodied reproductions of vocals and instruments, with none of the shrillness and high frequency distortion artifacts that are often encountered with modern condenser microphones.

Utilizing hand-selected 3-micron capsules, high-quality Jensen audio transformers and military-grade JAN 5840 vacuum tubes, the MA-200 performs at a level reminiscent of some of the best loved classic condenser microphones. The MA-200 power supply can be set for 115V and 230V, 50 or 60 Hz, through an internal switch (100V is also available). Each MA-200 microphone, power supply and cable set is burned in for 24 hours, carefully tested and evaluated, then packaged in its protective case-within-a-case.

The Mojave Audio Story

David Royer started Mojave Audio in 1985 in the garage of his house. The location was Fullerton, California, and Mojave Audio was a one-man, custom pro audio gear shop. David is best known for his ribbon microphone designs with Royer Labs, but he originally started out designing and building vacuum tube microphones, mic pre's and compressors for engineers in the Los Angeles area.

Since the mid 1990's, David's custom Mojave products have been used on a number of well-known recordings and have achieved somewhat legendary status among a small circle of high-end engineers. With the launching of Mojave Audio, we are able to bring David's non-ribbon designs to the world.

Features:

- Hand-selected 3-micron capsule
- Jensen audio transformer
- Military grade JAN 5840 vacuum tube
- Internal switchable power supply voltage
- Ultra clean signal path

Recommended Applications:

- Vocals
- Broadcast
- Acoustic Instruments
- Piano
- Drum Overheads, Drum Rooms
- Orchestral Recording
- Choral Recording
- Voice-overs



Actual size

MA-200

TECHNICAL DATA

TRANSDUCER TYPE:	Externally polarized pressure gradient capacitor
DIAPHRAM:	1-inch diameter, gold sputtered
DIAPHRAM THICKNESS:	3-micron
POLAR PATTERN:	Cardioid
FREQUENCY RESPONSE:	20 Hz-20kHz, + 3dB
SENSITIVITY:	-37 dB re. 1V/pa
MAXIMUM SPL:	120 dB
DISTORTION:	<1% @117dB SPL, <3% @125dB SPL
SELF NOISE:	14dB nominal, not to exceed 16dB (A weighted)
IMPEDANCE:	200 ohms, transformer balanced (Jensen)
VACUUM TUBE:	NOS 5840 - pentode tube wired for triode operation

DIMENSIONS AND WEIGHT:

Carrying case with microphone, power supply, shock mount and cables: 13 lbs.

Microphone: 7 5/8 X 2, 1 lb.



Frequency Response and Polar Pattern

