



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.

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

TECHNICAL DATA

TRANSDUCER TYPE:	Externally polarized pressure gradient capacitor
DIAPHRAGM:	1-inch diameter, gold sputtered
DIAPHRAGM 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. (5.9Kg)

Microphone: 7 5/8" X 2" (194mm x 51mm), 1 lb. (0.45Kg)



Frequency Response and Polar Pattern

