



MA-101fet Solid-State Condenser Microphone

The MA-101fet is a small diaphragm, solid-state condenser microphone with interchangeable cardioid and omnidirectional capsules. Designed by renowned microphone designer David Royer, the MA101fet combines the features of two of Mojave Audio's popular models - the cardioid and omnidirectional capsules from the MA-100 with the electronics from the MA-201fet. New to the MA-101fet is an internally switchable -15dB pad, increasing the headroom to an ear shattering 135dB SPL . This makes the MA-101fet suitable for everything from capturing the subtle nuances of acoustic instruments to the loudest of electric guitars and drums - great for location recording, too.

Featuring hand selected, 3-micron cardioid and omni capsules, a high quality Jensen audio transformer and military-grade FET and custom designed low noise resistors; the MA-101fet is designed to offer excellent performance for a wide variety of applications. Each MA-101fet microphone is carefully tested and evaluated, then packaged in its protective 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 well 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 rebirth of Mojave Audio in 2005, a loyal following of satisfied mic owners continues to grow daily.

Features

- Interchangeable cardioid and omnidirectional hand-selected 3-micron capsules
- Internally switchable -15dB attenuator
- Jensen audio transformer
- Military-grade FET
- Custom designed low-noise resistors
- Ultra clean signal path

Recommended applications

- Acoustic Instruments
- Location Recording
- High SPL sources, such as Kick Drums and Bass Guitar Amps
- Electric Guitars
- Piano
- Snare Drums, Toms, Drum Overheads



MA-101fet

TECHNICAL DATA

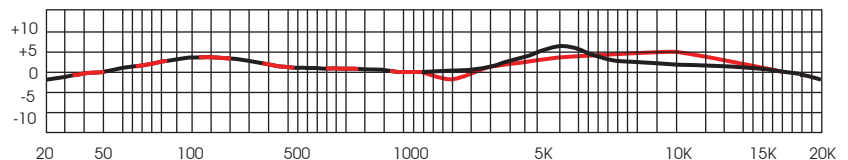
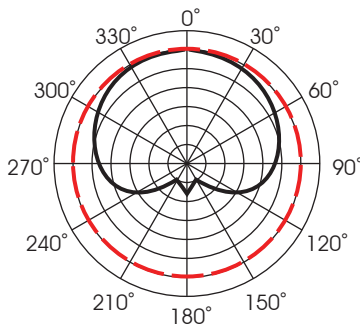
Capsules:	Interchangeable Cardioid and Omnidirectional
Diaphragm:	.8" (20.5 mm) diameter
Diaphragm thickness:	3-micron
Frequency Response:	20 Hz - 20 kHz +/- 3 dB
Sensitivity:	-39 dB re.1V/pa +/- 1.5 dB
Maximum SPL:	125 dB pad off, 140dB pad on.
Distortion:	<1% @ 120dB pad off, <1 % @ 135dB pad on
Self Noise:	14 dB nominal, not to exceed 16 dB (A weighted)
Impedance:	550 ohms, transformer balanced (Jensen)
Power Requirements:	48VDC phantom power; .68 mA wall current

DIMENSIONS AND WEIGHT:

Carrying Case with microphone: 8.3" x 6.7" x 3.3" (21 x 17 x 8.5 cm), weight 1.8 lbs, (0.82 KG)

Microphone: 6.75" x 1.12", weight 8 oz

Frequency Response and Polar Pattern



Omni - Red
Cardioid - Black

Copyright Mojave Audio 2011. All specifications subject to change without notice

Mojave Audio
2711 Empire Avenue
Burbank, CA 91504
Tel: 818.847.0222
www.mojaveaudio.com