

MA-101fet Solid-State Condenser Microphone MA-101SP Solid-State Condenser Microphones System

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 MA-101SP is a matched pair of MA-101fet condenser microphones with interchangeable cardioid and omnidirectional capsules. Packaged in a single carrying case with a stereo bar microphone holder included, the MA-101SP provides professional recording engineers with a convenient, easy to set up system for stereo recording applications.

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



MA-101fet, MA-101SP

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 (MA-101fet): 8.3" x 6.7" x 3.3"

(21 x 17 x 8.5 cm), weight 1.8 lbs, (0.82 KG)

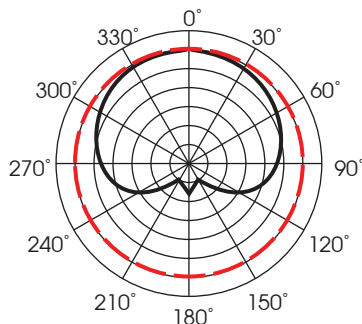
Carrying Case with microphones (MA-101SP): 12" x 9" x 4"

(30.5 x 23 x 10 cm), weight 3.5 lbs, (1.6 KG)

Microphone: 6.75" x 1.12", weight 8 oz



Frequency Response and Polar Pattern



Omni - Red
Cardioid - Black

