



# C7

## Large Diaphragm Multi-Pattern FET Condenser

- MK7 Dual 1-inch Capsule 4-micron Mylar, Evaporated Gold Diaphragms
- Cardioid, Omni and Bi-directional Pick-up Patterns
- High-pass Filter & -10dB Pad Switches
- Variable Capsule Bias Voltage: 48 – 60v
- AMI T7 Transformer
- Individual Serialized Frequency Response Graph
- Wood Presentation Case with Swivel-mount, Shock-mount and rugged aluminum Carrying Case

The Miktek C7, multi-pattern, large diaphragm FET condenser will impress the most critical listeners and inspire artists to create their best performance. The microphone's pick-up characteristic is selectable; offering cardioid, omni and bidirectional patterns. In addition, the C7 employs a high-pass filter and -10dB pad for recording loud sound sources.

The frequency response is warm on the bottom and silky-sweet on the top, yet at the same time, the midrange is natural and open. The microphone produces amazing results when recording acoustic instruments, guitar amps, or as overheads on a drum kit. But of course, the C7 really excels on vocal applications.

The C7 utilizes the new MK7 capsule developed by Miktek engineers, featuring dual 1-inch diaphragms made using 4-micron Mylar with a 0.4-micron layer of evaporated gold. Diaphragms are then precisely tensioned, mounted to carefully-tuned backplates, and finally set back-to-back, with electronic isolation, to create the finished capsule.

The C7's head amplifier has been designed around the AMI T7 transformer and, together with the implementation of high-quality components including hand-selected transistors, offers a sweet response reminiscent of highly desirable vintage microphones.

In addition, the innovated head amplifier design features a unique circuit that allows the engineer to switch the capsule bias voltage from +48 to +60 volts. This proprietary circuit implementation essentially provides the mic with two voices; allowing you to choose between a classic and modern microphone. At +48 volts the capsule's diaphragm is under less tension, so it's able to react to extremely subtle changes in sound pressure; enabling the microphone to capture the slightest nuances in any performance. When the bias voltage is set to +60 volts, the C7 is extremely accurate and articulate.

The Miktek C7 is hand assembled, tested and packaged in Nashville, Tennessee, USA using components from the US, Europe and Asia. Each microphone includes its serialized frequency response graph created during final testing.

The C7 is packaged with its swivel mount, in a wooden box, and set inside a rugged aluminum case along with the included shock mount.



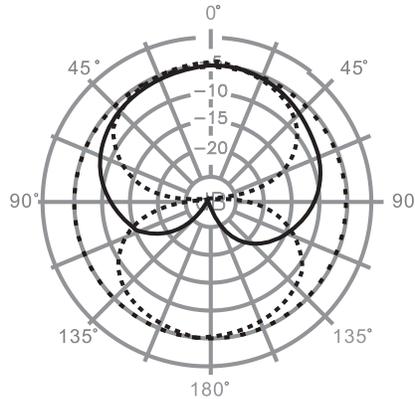


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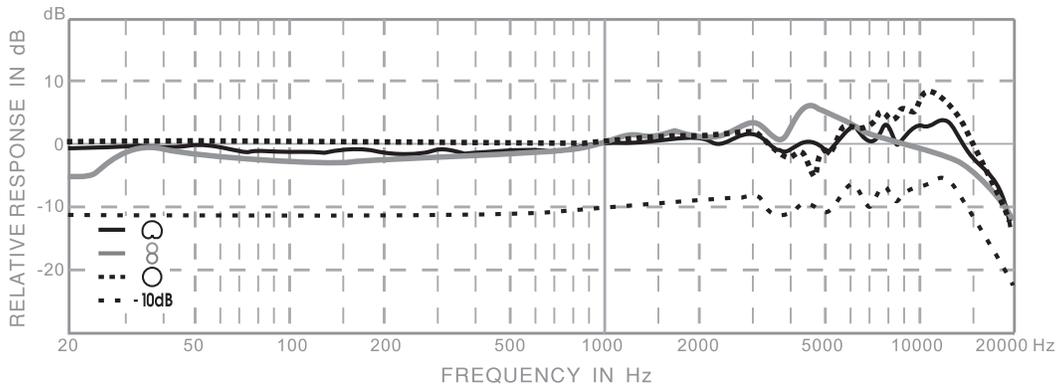
## Large Diaphragm Multi-Pattern FET Condenser



- Type . . . . . Large Diaphragm Multi-Pattern FET Condenser
- Polar Pattern . . . . . Cardioid, Figure-8 and Omni
- Frequency Response. . . . . 20~20000Hz
- Sensitivity . . . . . -29, - 34, -38 dBV/Pa
- Equivalent Noise Level . . . . . 13, 18, 22 dB
- Dynamic range . . . . . 105dB
- S/N Ratio . . . . . 81, 76, 72dB
- Max. SPL . . . . . 127 dB
- Power Supply . . . . . 48V phantom



C7 Polar Response



C7 Frequency Response

Specifications subject to change

[www.miktekaudio.com](http://www.miktekaudio.com)

1200 Clinton Street, Suite 15 • Nashville, TN 37203

tel 615.250.2434 • fax 615.346.9298

