



C1

Large Diaphragm Cardioid FET Condenser

- MK1 1-inch Capsule 5-micron Mylar, Evaporated Gold Diaphragm
- Cardioid Pick-up Pattern
- High-pass Filter & -10dB Pad Switches
- Variable Capsule Bias Voltage: 48 – 60v
- Miktek T7 Transformer by AMI
- Individual serialized Frequency Response Graph
- Wood Presentation Case with Swivel-mount, Shock-mount and rugged aluminum Carrying Case

The Miktek C1 large diaphragm FET condenser will impress the most critical listeners and inspire artists to create their best performance. The microphone features a tightly controlled cardioid pick up pattern. In addition, the C1 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 C1 really excels on vocal applications.

The C1 utilizes the new MK capsule developed by Miktek engineers, featuring dual 1-inch diaphragms made using 5-micron Mylar with a 0.4-micron layer of evaporated gold. The diaphragm is precisely tensioned and mounted to a carefully-tuned backplate to create the finished capsule.

The C1'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 C1 is extremely accurate and articulate.

The Miktek C1 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 C1 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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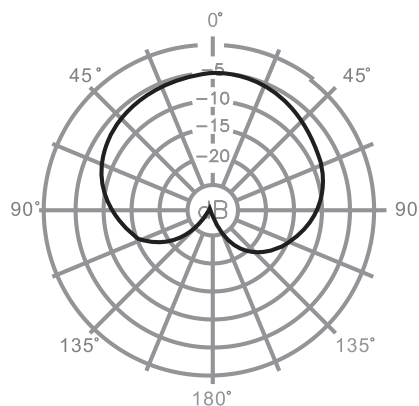
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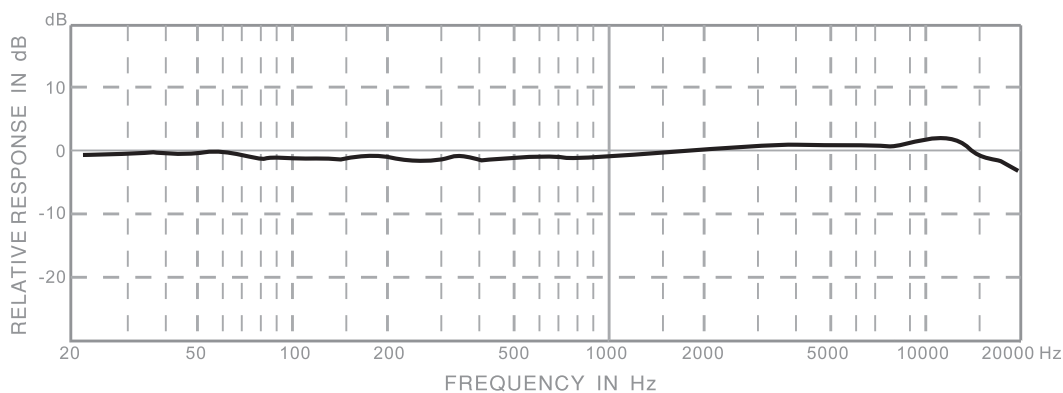
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Large Diaphragm Cardioid FET Condenser

- Type Large Diaphragm Cardioid FET Condenser
- Polar Pattern Cardioid
- Frequency Response. 20~20000Hz
- Sensitivity -29 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



C1 Polar Response



C1 Frequency Response

Specifications subject to change

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