

CV4

Large Diaphragm Multi-Pattern Tube Condenser

- Classic Large-diaphragm Tube Condenser Design
- MK9 Dual 1-inch Capsule with 4-micron Mylar, Evaporated Gold Diaphragms
- Nine Selectable Pick-up Patterns
- High-pass Filter and -10dB Pad Switches
- AMI BT4 Transformer
- Original NOS Telefunken EF800 Tube
- Individual serialized Frequency Response Graph
- External Power Supply and 7-pin XLR Cable
- Wood Presentation Case with swivel-mount, shock-mount and rugged aluminum Carrying Case

The Miktek CV4 is a large-diaphragm tube condenser microphone offering nine pick-up patterns. The CV4's sound is truly large and produces a musical response that will please artists, producers and most seasoned engineers alike. The bottom end is big, warm and tight, with mids that are present and even, along with a high frequency response that's sweet and airy. The CV4 is ideal for recording single vocalists, and perfect for acoustic instruments, groups of vocals, piano, string ensembles, winds, overheads on a drum kit or as ambient room mics.

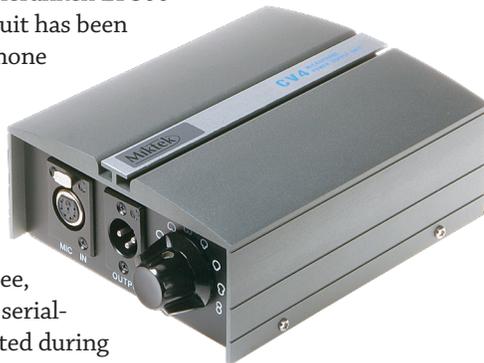
For enhanced control, the CV4 includes a high-pass filter and -10dB pad for high SPL applications.

The CV4 utilizes the MK9 capsule developed by Miktek. This unique capsule features dual 1-inch diaphragms manufactured using 4-micron Mylar with a 0.4-micron layer of evaporated gold, which is precisely tensioned, mounted to carefully-tuned backplates, and set back-to-back to create the final capsule. Tight tolerances and special attention to precise machining of the backplate produce a linear off-axis response that ensures the accuracy of the microphone.

The heart and soul of the CV4's head amplifier is the AMI BT4 transformer, which offers a classic sound and an extended low frequency response found in the earliest versions of the most famous vintage tube microphones. Together with an original NOS (new-old-stock) Telefunken EF800 tube, in which the high-voltage circuit has been uniquely implemented, the microphone challenges the performance of the best-in-class industry standards without hesitation.

The Miktek CV4 is hand-built using components from the US, Europe and Asia, and is tested and packaged in Nashville, Tennessee, USA. Each microphone includes its serialized frequency response graph created during final testing.

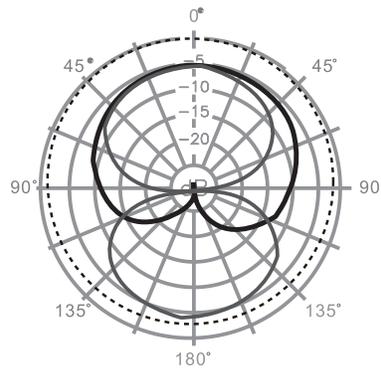
The CV4 is packaged with its swivel mount in a wooden box, which is set inside an aluminum case with the included power supply unit, 7-pin XLR cable and shock mount.



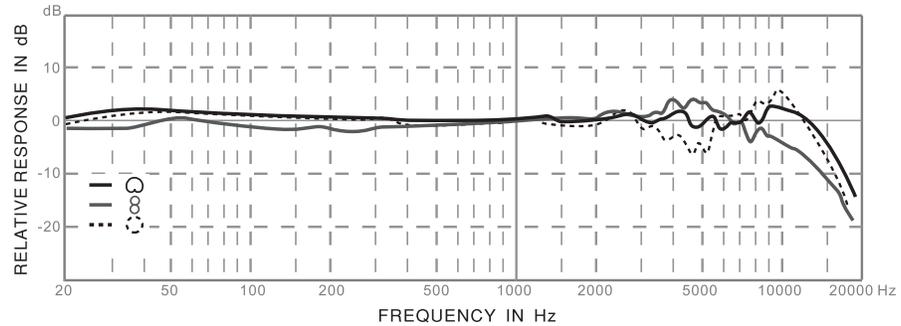


CV4 Large Diaphragm Multi-Pattern Tube Condenser

- Type Large Diaphragm Nine-Pattern Tube Condenser
- Polar Patterns Nine Selectable; Omni Hyper Cardioid, Cardioid, Half Cardioid, Figure-8 and a transitional pattern in between each of thos
- Frequency Response. 20~20000Hz
- Sensitivity -35 dBV/Pa
- Equivalent Noise Level 16 dB
- Dynamic range 117dB
- S/N Ratio 78dB
- Max. SPL 133 dB
- Power Supply Miktek PS4



CV4 Polar Response



CV4 Frequency Response

Specifications subject to change

www.miktekaudio.com
 1200 Clinton Street, Suite 15 • Nashville, TN 37203
 tel 615.250.2434 • fax 615.346.9298

