

## PCM-8000 MATCH

# SMALL DIAPHRAGM MATCHED CONDENSER MICROPHONE PAIR

PCM-8000 MATCH is a set of two condenser microphones with a 16 mm diaphragm, designed for stereophonic PCM-8000 MATCH  
miking of acoustic instruments, overall shots for drums, choirs and live performances. The microphones are  
matched with tolerance within 1dB, and are equipped with 0dB/-10dB gain selector and 100Hz low-cut filter to  
adapt to all sources and mic preamps (+48V phantom power is required). The kit - contained in a practical plastic  
case with protective padding, in addition to the two microphones, includes two shock-mounts with screw adapters  
from 3/8 "to 5/8", distance bar, and two pop-filters. The pressure gradient capsule with cardioid polar pattern is based on a 16mm gold-  
plated diaphragm. The process of plating with gold vapors deposited on the surface, gives lightness, an excellent electrical capacity  
and a linear frequency response. The body of the microphone, in lightweight and sturdy metal, contains the JFET preamplifier to  
maintain a high isolation between input and output stage, and low self-noise.

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## PRODUCT DETAILS

### KEY FEATURES

Ideal for Stereo Overhead, Choir, Cymbals, Percussion, Acoustic Instruments, and Piano

16mm High-Quality Pressure Gradient Transducer

Vapor-Deposited Gold Diaphragm

Premium Quality Preamp Circuitry

High Sensitivity and Low Self-Noise

Cardioid Polar pattern

Linear Frequency Response

The Kit Includes 2x Matched Microphones, 2x Shock-Mount Mic Holders, 2 Pop-Filters, and 1 Adjustable Stereo Bar

### SPECIFICATIONS

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Element                   | Pressure Gradient Transducer                      |
| Polar Pattern             | Uni-directional (Cardioid)                        |
| Frequency Response        | 30Hz-20kHz                                        |
| Match Tolerance           | Within 1dB (from 100Hz to 10kHz - excluding 1kHz) |
| Sensitivity               | -38dB+/-2dB (0dB=1V/Pa @ 1kHz)                    |
| Output impedance          | 100ohm +/- 30% @ 1kHz                             |
| Self-Noise                | 16dB (A-weighted)                                 |
| Max. input SPL            | 130dB (@ 1 kHz = 1% T.H.D)                        |
| S/N Ratio                 | 78dB                                              |
| Input Attenuation         | 0dB/-10dB Selector                                |
| Low frequency attenuation | 100Hz 12dB/Octave                                 |
| Power Requirement         | +48V Phantom Power                                |