

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 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

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Input Attenuation

0dB/-10dB Selector

Low frequency attenuation

100Hz 12dB/Octave

Power Requirement

+48V Phantom Power