

CRY502 Preamplifier

CRY500 series preamplifier can combine with 1/2 inch measurement microphone to transform the impedance and amplifier the acoustic signal. It also compatible with other 1/2 inch measurement microphone like B&K, G.R.A.S.. This preamplifier has the characteristic of high input impedance, low output impedance, lower noise, wide frequency response range, etc. It can be used for the condition of electroacoustic test system or multi-noise analysis.



dB9 Pin Description	
PIN 2	+5V
PIN 7	-5V
PIN 8	GND
PIN9	SIGNAL

Technical Specification

CRY502B Preamplifier	
Frequency Response	10Hz ~ 80kHz (±0.2 dB)
Input Impedance	> 1GΩ
Output Impedance	< 20Ω
Distortion (THD)	< 0.1%
Max. Output Voltage	> 5.0 Vrms
Power Supply	Dual Power: ±3V ~ ±10V, < 1mA Single Power: +5V ~ +20V, < 1mA
Noise (A-weighting)	< 3 μVrms
Noise, linearity (20-20KHz)	< 10 μVrms
Gain	0 dB
Connector Type	9 pin RS232(DB9)
Temperature	-30°C to +70°C
Thread fitting port	11.7mm x 60UNS (M11.7 x 0.423mm)
Diameter	12.7mm (1/2 inch)
Length	38mm