

## CRY547 Preamplifier Specification

CRY500 series preamplifier can combine with 1/4 inch measurement microphone to transform the impedance and amplify the acoustic signal. It also compatible with other 1/4 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.



## Technical Specification

CRY547 Preamplifier	
Frequency Response Range	10Hz ~ 100kHz( ±0.2 dB)
Input Impedance	>2GΩ / 50pF
Output Impedance	<20Ω
Distortion(THD)	<0.1%
Max Output Voltage	>5.0 Vrms(power supply for +24V)
Power Supply	ICP (2mA ~ 10mA)
Nominal Operating Current	4mA
Noise, A-weighting	< 3μVrms
Noise, linearity (20 ~ 20kHz)	<10μVrms
Gain	0 dB
Connector Type	BNC socket
Temperature	-30°C to +70°C
Thread fitting port	5.7mm x 60UNS (M5.7 x 0.423mm)
Diameter	6.35mm ( 1/4 inch )
Length	45mm