



CRY575

Three-channel Microphone Power Supply

Features

- **Key Specifications**

Frequency Response	10 Hz to 60 kHz \pm 0.5 dB
Gain	0dB(\times 1),+20dB(\times 10),+40dB(\times 100)

- **Applications**

Power supply for IEPE transducers and preamplifiers

Introduction

The CRY575 microphone power supply is a three-channel microphone power supply module. Channel 1 and Channel 2 provide the power of a constant current source required by IEPE preamplifiers, while Channel 3 provides the power of a constant voltage source needed for the operation of single-power preamplifiers.

The CRY575 microphone power supply offers gain options of 0 dB (\times 1), +20 dB (\times 10), and +40 dB (\times 100) for the output signal. It features high input impedance, low output impedance, low background noise, and a wide frequency range.

Highlights

- **Design of Three-channel Microphone Power Supply**

The CRY575 three-channel microphone power supply offers two different input interfaces, BNC and DB9, for selection, meeting users' diverse needs. Meanwhile, the output interface of this microphone power supply adopts a standardized BNC interface to achieve efficient and accurate audio signal transmission.

- **Compatibility**

The CRY575 three-channel microphone power supply can supply power to both the IEPE preamplifier and the single-power preamplifier simultaneously. IEPE is a universal constant current source power technology for sensors. Each manufacturer has a different name, such as ICP, CCP and so on.

- **Quality & Warranty**

CRY SOUND microphone power supply enjoys a one-year warranty period. We will provide users with comprehensive after-sales support services.

Technical Specifications

Specifications

Frequency Response	10 Hz to 60kHz±0.5dB
Gain	0dB(×1),+20dB(×10), +40dB(×100)
Input Impedance	1MΩ
Output impedance	100Ω
Self-noise	-103dBV
Typical Operating Current	4 mA
Typical Operating Voltage	24V
Input Interface	BNC, DB9
Output Interface	BNC
Operating Temperature	-30°C to +70°C (-22°F to +158°F)

Ordering Information

Optional Accessories

Electroacoustic Analyzer	CRY6151B Electroacoustic Analyzer
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Product Front Panel

Gain Control Switch	×1, ×10, ×100 (Channel 1/2)
Signal Input channel	BNC Interface
Signal output channel	BNC Interface

Product Rear Panel

Power and gain switches	(ON OFF) / (×1 / ×10 /OFF)
Signal Input channel	BNC, DB9
Signal output channel	BNC
power Input	USB / 5V Power Adapter

Related Products

CRY575L	Two-channel Microphone Power Supply
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