



PM 0080 8通道 IEPE 激励器
产品规格书

PM 0080 8-channel IEPE Exciter
Product Specifications

产品规格书-中文..... 1
Product Introduction-EN 3

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PM 0080是一款专门针对消费类产品的产线测试设计的高密度调理器，拥有8通道21V IEPE 恒流源激励器，用于调理麦克风，人工耳，加速度计等IEPE供电传感器。该产品具有通道资源丰富，IEPE增益可调、输入阻抗高、输出阻抗低、本底噪声低、频响范围宽等特点。

基本特点

- 8通道IEPE 恒流源激励器，5K负载以下提供4mA恒流源，最大可接负载10K，提供2mA恒流源
- IEPE 增益2 档可调，x1 ，x10
- IEPE 恒流源带信号接入指示灯，方便安装以及故障排查
- 产品使用标准220V电源供电，方便工业现场使用

产品参数

产品参数	
IEPE 通道数	8
工作电压	220V
产品尺寸(mm)	240*240*80
接口类型	BNC
适用温度	-20℃~50℃

音频特性参数

IEPE 激励源带音频放大器参数	
频响范围	20 - 20kHz，平坦度优于 0.1dB 5Hz – 80kHz（-3dB）
本底噪声	<-100dBV
恒流源	4mA恒流源，最大可接负载10K，提供2mA恒流源
音频放大器增益	0dB(*1); +20dB（*10）
THD @1kHz, input 0.1VP @BW 20-20kHz	0dB增益: <0.0005% +20dB增益:<0.0005%
THD+N @1kHz, input 0.1VP @BW 20-20kHz	0dB增益: <0.01% +20dB增益:<0.01%
指示灯	Mic 信号接入指示



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PM 0080 is a high-density conditioner specifically tailored for production line testing of consumer products. It incorporates an 8-channel, 21V IEPE constant-current source exciter, designed for conditioning IEPE-powered sensors such as microphones, artificial ears, and accelerometers. This product boasts abundant channel resources, adjustable IEPE gain, high input impedance, low output impedance, minimal background noise, and a broad frequency response range.

Basic feature

- 8-channel IEPE constant current source exciter, providing a 4mA constant current source for loads below 5K, with a maximum load of 10K, and offering a 2mA constant current source
- IEPE gain is adjustable in two Settings: x1 , x10
- IEPE constant current source is equipped with a signal presence indicator, which facilitates installation and fault diagnosis
- The product is powered by a standard 220V power supply, facilitating its use in industrial settings

Specifications

Specifications	
Number of IEPE channels	8
Operating voltage	220V
Product dimensions(mm)	240*240*80
Interface type	BNC
Operating temperature	-20°C~50°C

Audio characteristic parameters

IEPE excitation source with audio amplifier parameters	
Frequency range	20 - 20kHz, flatness better than 0.1dB 5Hz – 80kHz (-3dB)
Noise floor	<-100dBV
Constant current source	4mA constant current source, with a maximum load of 10K, providing a 2mA constant current source
Audio amplifier gain	0dB(*1); +20dB (*10)
THD @ 1kHz, input 0.1VP @BW 20-20kHz	0dB gain: <0.0005% +20dB gain:<0.0005%
THD+N @ 1kHz, input 0.1VP @BW 20-20kHz	0dB gain: <0.01% +20dB gain:<0.01%
Indicator light	Mic signal access indication



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