

## Low bottom noise 4-channel IEPE motivator, high power 4-channel power amplifier



PM 0083 is a production line test conditioner specially designed for consumer products, with 4-channel 24V constant voltage motivator, used for conditioning microphone, artificial ear, accelerometer and other IEPE power supply sensors, and 4-channel power amplifier, used to drive artificial mouth, horn and other high-power load, Continuous output power of 16W. With IMP 1000 can also achieve the horn impedance analysis.

The product has the characteristics of rich channel resources, adjustable IEPE gain, high input impedance, low output impedance, low background noise, wide frequency and sound range, and high test repetition degree.

### General specifications

PM 0084 Overall parameters	
IEPE number	4
power amplification channels	4
Working voltage	220V
Dimension(mm)	240*240*76
Connection type	BNC
Working temperature	-20°C~50°C

### General features

- 4-channel IEPE constant current source actuator provides 4mA constant current source under 5K load and 2mA constant current source under 10K load
- Gain 2 gear adjustable, x1, x10
- 4-channel power amplifier, x4 IEPE
- Constant current source with signal access indicator light, convenient installation and troubleshooting
- The product uses the standard 220V power supply, convenient for industrial site use

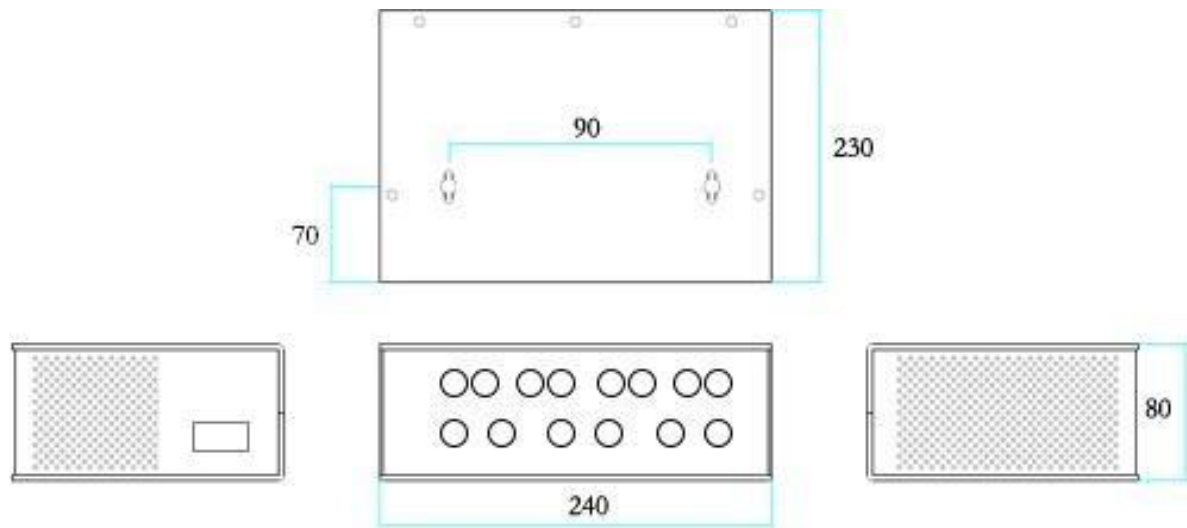
### Audio feature parameters

IEPE audio amplifier parameters	
Frequency response range	20-20kHz, flatness is better than 0.1dB 5Hz~80kHz(-3dB)
Ground noise	<-100dBV
IEPE constant current source	4mA constant current source, the maximum load can be 10K, to provide 2mA constant current source
Amplification gain	0dB(*1); +20dB(*10);
THD Input:1kHz,0.1VP BW:20-20kHz	0dB gain:<0.0005% +20dB gain: <0.0005%
THD+N Input:1kHz,0.1VP BW:20-20kHz	0dB gain:<0.01% +20dB gain: <0.05%
Pilot lamp	Mic Signal access indicator lamp

Power amplifier parameters	
Output power	Single channel 16W
Amplification gain	12dB(*4)
Frequency response range	20-20kHz, flatness is better than 0.25dB 6Hz~80kHz(-3dB)
Ground noise	<-100dBV
THD Input:1kHz,0.1VP BW:20-20kHz	<0.0005%
THD+N Input:1kHz,0.1VP BW:20-20kHz	<0.01%

## Dimension

---



Product specifications are subject to change without prior notice



[www.megasig.com](http://www.megasig.com)

### Shenzhen MegaSig Measurement & Control Technology Co.,Ltd

Tel: 0755-8950.839 Fax: 0755-8950.8392

Sales email: [sale@megasig.com](mailto:sale@megasig.com)

Technical support email: [support@megasig.com](mailto:support@megasig.com)

Address: Room 1002, Unit 2, Building 1, Hongxing Chuangzhi Plaza, Guangming District, Shenzhen, China