



4 channel phantom excitation, 3 channel power amplifier

The PM 0053 is a conditioner specifically designed for production line testing of consumer products, with 4 channels $\pm 5V$ phantom excitation channels for conditioning IEPE powered sensors such as microphones, artificial ears, accelerometers, and 3 channels power amplifiers for driving high power loads such as artificial mouths and horns. The product has the characteristics of abundant channel resources, adjustable gain, high input impedance, low output impedance, low

General specifications

PM 0053 Overall parameters	
Phantom power channel number	4
Power amplifier channel	3
Working voltage	220V
Dimension(mm)	240*240*76
Interface type	BNC, DB9
Working temperature	-20°C~50°C

- 4 channels $\pm 5V$ phantom excitation channels, gain x1, x10 adjustable
- 3-channel power amplifier (with impedance test channel)
- Built-in 0.24ohm precision sampling resistor for horn impedance testing
- IEPE constant current source with signal access indicator for easy installation and troubleshooting

Audio characteristic parameter

$\pm 5V$ & IEPE excitation source with audio amplifier parameters	
Input impedance	1Mohm
output impedance	100ohm
Frequency response	10Hz~60KHz (-3dB)
Idle noise	<-100dBV
IEPE current	2mA
Audio amplifier gain	0dB(*1); +20dB(*10);
THD(@1kHz)	0.01%
pilot lamp	Mic signal access indication

Power amplifier parameters	
Output power	single 30W (8ohm) total power of three channels is not exceeded 50W
Frequency response	20Hz~60KHz(-1dB)
THD (@1kHz)	0.004%
Impedance test channel built-in resistance	0.24ohm

MegaSig reserves the right to change specifications and accessories without notice.



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