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Discover a wide selections of our
sound measurement equipments according to your
sound measurement needs

PMNP4T-1

MICROPHONE SETS

www.placidinstruments.com



PLACID INSTRUMENTS BV

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PLACID MICROPHONE SETS PMNP4T-1



Specification

Frequency Range

10 ~ 40000 Hz

Dynamic Range

34 ~ 164 dB

Sensitivity

4 mv/pa

TYPICAL APPLICATION SCENARIOS:

- Suitable for precise acoustic test;
- Suitable for high frequency signal test, such as ultrasonic measurement, transient signal test, etc;
- Suitable for high sound pressure signal test;
- Built-in TEDS function;
- Compact structure and small volume;



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DATASHEET PLACID PMNP4T-1



TECHNICAL INDEX

Microphone Diameter	1/4 inch
Sound Field	Free Field
Microphone Type	Prepolarized
Polarization Voltage	0 V
Frequency Range (± 2 dB)	10 ~ 40000 Hz
Dynamic Range	34 ~ 164 dB
Sensitivity (± 3 dB)	4 mv/pa
Sensitivity (± 3 dB)	-48 dB, ref 1V/pa
Input Impedance	$>1.5 \text{ G}\Omega$
Output Impedance	$<110 \Omega$
TEDS	IEEE 1451.4 V1.0 UDID= I27-0-0-OU
Temperature Range	-30 ~ 70 °C
Temperature Coefficient (-10 ~ 50°C)	0.01 dB/°C
Relative Humidity Range (no condensation)	0 ~ 98 %RH
Relative Humidity Coefficient (no condensation)	$<0.1 \text{ dB}/\%$
Static Pressure Coefficient	-0.01 dB/kPa
Pressure Equalizing Mode	Side Venting
Standard	IEC 61094-4 WS3F
Power Supply	IEPE(2 ~ 20mA)
Typical Work Current	4 mA
Output Interface	SMB, M5 selectable
Weight	9 g



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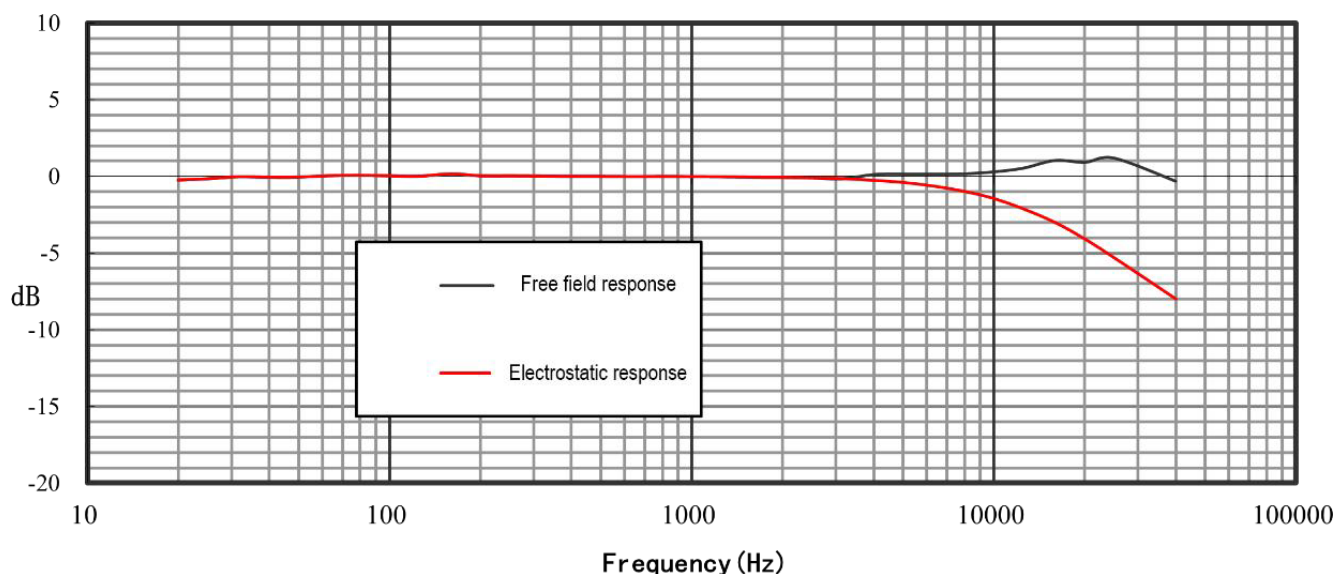
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TYPICAL FREQUENCY RESPONSE CURVE





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ASK US!
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