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PSMP  
47

Placid Instruments BV

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# PLACID PSMP47

## Surface Microphone



### Specification

#### Frequency Range

10 - 20000 Hz

#### Dynamic Range

36 to 160 dB(A)

#### Power Supply

IEPE(2-20mA)

#### Nominal Sensitivity

4mV/Pa, -48dB

#### APPLICATION

- Confined space installation
- Clay model inlay
- Ground array measurements
- General noise measurements



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## Datasheet PLACID PSMP47 Microphone



Polarization	0 V
Frequency range	10 - 20000 Hz
Equivalent Noise Level	36 dB(A)
Upper Limit of Dynamic Range (3% Distortion)	160 dB
Nominal Sensitivity	4 mV/Pa
Power Supply	IEPE 2-20 mA
IEC 61094-4 Compliance	WS3P
Output Impedance	<110 $\Omega$
Temperature range, operation	-10 – 65 Celsius
Temperature range, storage	-40 – 85 Celsius
Temperature Coefficient	-0.01 dB/Celsius
Static Pressure Coefficient	-0.008 dB/kPa
Humidity operating Range	0 to 100 % RH
Humidity coefficient	<0.1 dB/%RH
Connector type	BNC
Cable length	1 Meter



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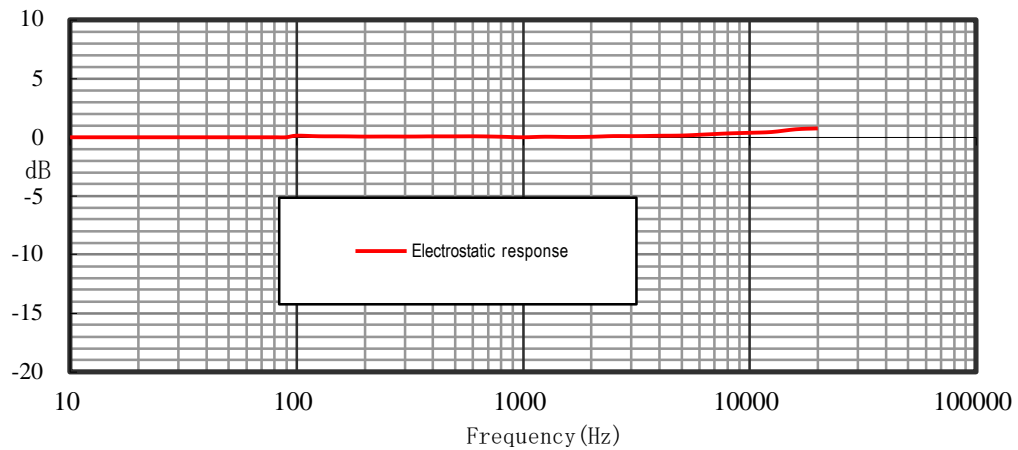
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## Typical Frequency Response



## Dimensions

