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**VOLTAGE SUPPLY PREAMPLIFIERS**  
PLACID PNS 20

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# PLACID Voltage Supply Preamplifiers

## PLACID PNS 20



PNS20 preamplifier is a voltage powered preamplifier with high input impedance, low background noise and wide frequency response range. It can be used with MP21 1/2 inch prepolarized measurement microphone, and also compatible with other brands measurement microphones such as B&K, GRAS. The output adopts a three wire system plug, which can be easily configured for power supply and signal output. It is suitable for electroacoustic tester, multichannel analyzer and other instruments.

## Datasheet PLACID PNS 20



Frequency Response	10 Hz ~ 100 kHz ( $\pm 0.5$ dB)
Input impedance	$>5G \Omega$
Output impedance	$<110 \Omega$
Power Supply Mode	DC 4 V – 28 V
Noise (A-Weighting)	$<3 \mu V_{rms}$
Noise, Linear (20 ~ 20 kHz)	$<10 \mu V_{rms}$ DC
Maximum output voltage	$V_{rms}$
Applicable temperature	$-30^{\circ}C \sim +70^{\circ}C$
Screw connection	11.7 mm – 60 UNS (M11.7 $\times$ 0.423 mm)
Diameter	12.7 mm (1/2 Inch)
Length (H)	15 mm