



Technical Specs

Gain	40dB
Response frequency	10kHz ~ 1200kHz
Noise	< 28dB
Output range	±10V (Vpp)
Working voltage	24V-30V DC
Impedance	50Ω
Quiescent current	20mA
Maximum current	100mA
Working temp.	-20°C ~ +60°C
Size(DxH)	21mm×45mm
Protection level	IP62
Shell material	Stainless steel
Connector	BNC-BNC

Description and Features

PAV preamplifier has the function of AST, and could effectively shielding electromagnetic interference and resisting impact with metal shell. It is phantom power supply, and it is compatible with most common sensors and acoustic emission acquisition boards on the market.



Note :

- The power supply should be a good match with the output impedance, otherwise it will lead to the gain of the preamplifier to deviate from the nominal gain value, resulting in signal amplitude deviation.
- If acoustic emission acquisition board from other manufacturers are selected, a PPS preamplifier power supply is required.
- Wiring must be correct. The following two wrong operations may lead to damage to the preamplifier:
 - ✦ The input voltage is 25% higher than the power supply requirement
 - ✦ Connect the power supply to the signal input connector.

Certification

