

PLACID Multi-Channel Signal Conditioner

Q series portable dynamic signal conditioner is characterized by high sampling rate, high measurement accuracy, compact size and portability.

24 Δ - Σ data acquisition chip, multi-channel synchronization and sampling frequency up to 64 kHz/channel

Customer can achieve the equipment control and data acquisition, signal analysis and other functions through supporting software SoundExpress.



PLACID PQ04S DAQ



Application field

- Motor, Machine tool or other power equipment
- Aircraft, Vehicles, Ships or other traffic equipment
- Large structures such as Bridges, Building and DAMS

Engineering Application

- Vibration
- Noise
- Mode
- Strain
- Pressure
- Voltage
- etc



Specifications

Input Channels	4/8/16
Programable Gain	×1, ×10, ×100
ICCP Power Supply (mA)	4
A/D Converter (bit)	16/24
Max. Sampling Frequency (Hz)	60k
Internal Noise (mVrms @±10V)	< 0.03
Input Range(Vrms)	±10
Dynamic Range (dB)	110
Input Connector	BNC
Connector to the Computer	Network Port
Multi-cascade	multi-cascade ,synchronous
Power Requirement	Internal rechargeable battery(*) or 12 V with power adaptor
Size (mm) (Length×Width×Height)	210×130×50
Weight (kg)	1.5

**means customization function*

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