



SonoDAQ Go

The Next-Gen Data Acquisition System

Introduction



The SonoDAQ Go is a portable host with dual slots in the SonoDAQ platform, designed for small-scale acoustic, vibration, and electroacoustic testing tasks. It can be configured with two different types of input or output modules simultaneously based on testing needs, quickly forming an independent testing front end for desktop debugging, production line stations, teaching demonstrations, and on-site rapid troubleshooting.

Compared to large multi-module chassis, the SonoDAQ Go emphasizes lightweight deployment and plug-and-play experience. There is no need to build a complete chassis system for a small number of channels or small input-output combinations; channel configuration, real-time monitoring, data recording, and basic analysis can be completed in OpenTest. For teams that frequently move between R&D labs, production lines, and field locations, the SonoDAQ Go retains the flexibility of the SonoDAQ module ecosystem with lower system complexity.

Highlights

- **Dual-slot configuration for quick setup of lightweight testing systems**

Supports deployment of two SonoDAQ functional modules, suitable for small multi-channel acquisition, input-output combinations, excitation output, or mixed signal access tasks.

- **Inherits the SonoDAQ module ecosystem**

Designed for the SonoDAQ modular architecture, it can serve as a lightweight carrier platform for modules such as IED, ADD, LMQ, AOS, etc.

- **Portable form factor for desktop and field use**

The dual-slot portable form factor is more suitable for placement near the test subject, reducing the wiring complexity caused by long-distance sensor cables.

- **Dual Ethernet network interfaces for easy system integration**

Equipped with dual Ethernet network interfaces, it can be used for device networking, host communication, and integration with automation systems, meeting the network access needs of production line testing stations.

- **OpenTest collaboration, integrated acquisition and analysis**

With OpenTest, the SonoDAQ Go can complete channel configuration, real-time waveforms, FFT, frequency sweeps, sound power, or custom testing processes within a unified software interface.

Technical Specifications

Host Parameters

Number of Channels	Up to 8 Channels	Isolation Voltage (Between Modules)	1000 V
Number of Slots	2	Interfaces	USB-C / Ethernet / GPIO
Operating Environment Temperature	-20 °C to 50 °C	Calibration	Power-On Self-Calibration / On-Site Calibration Service
Power Supply Method	DC / PoE / Battery (Hot Swappable)	Firmware Upgrade	OTA / User End
Vibration, Shock	EN60068 - 2	Power Consumption	6 W
System Cooling	Fanless	Protection Level	IP67
Output Voltage	14.6 V	Battery Capacity	3400 mAh/ 49.64 Wh

Ordering Information

Name	Model	Description
SonoDAQ Go	CRY5620	Lightweight, Easily Deployable Acoustic and Vibration Data Acquisition System Host
Analog Input Module IED	CRY5011	4-Channel Analog Input Module with IEPE Power Supply Support
Analog Output Module ADD	CRY5085	2-Channel Output Module Supporting Signal Output + Class D Amplifier Output + Impedance Measurement
Analog Output Module AOS	CRY5083	Amplifier Drive, Excitation Control, Active Sound Source, and Standard Voltage Simulation Scenarios
Analog Input Module LMQ	CRY5014	Supports LEMO, IEPE, Charge, and Voltage Inputs, Flexible Adaptation for Pre/Post Polarized Microphones, Accelerometers, and Various Voltage Signal Measurements.

