

# Echo AIO™

## Test System



## 4.3 Software for Windows

# Introduction

The Echo AIO™ software supports standard audio APIs for data capture and provides complete control over the AIO hardware, both directly by the user or by software.

This release includes a comprehensive update to the CLI app and API library, improvements to the Control Panel layout, and other fixes and improvements.

# Version history

## 4.3

### Interface module firmware

- Fixed channel names for S and H modules
- Support for more module configurations
- Fixed issues with AIO-Sv2 and AIO-Lv2 modules initialization
- Improved RMS metering
- Added enable/disable control for output limiter
- Automatically save and restore the audio clock source

### Control panel application

- Added Direct2D renderer for improved performance and appearance
- Fixed C module AUX IN not updating
- More flexible control layout (vertical channel stack if the window is narrow and tall)
- Streamlined meter controls

### CLI + API

- Complete rework of API + CLI for new command syntax and support for all AIO modules

## 4.1

### Interface module firmware

- Automatically load T module firmware
- Automatically save and restore T module configuration
- Fixed issue with channel labeling for AT & LT configurations
- Fixed startup issues with AT & LT configurations
- Added support for T1 configuration
- Added support for larger future firmware images
- Output meters are now calculated before the output calibration scaling

### AIO-T module firmware

- Major firmware rewrite for reliability and timing fixes

### Control panel application

- dBFS meters in RMS mode now read 0 dB for full-scale sine output
- Fixed channel naming for units with empty module slots
- Fixed restoring the window size
- Fixed restoring meter modes & units
- Fixed TDM incorrect bits per word configuration
- Fixed channel layout for AIO-AT and AIO-LT configurations
- Changed AIO-S and AIO-H current monitor meters to read in milliamperes instead of ampere
- Added decibel ampere meters for AIO-S and AIO-H current monitor

### Windows driver

- Add support for Windows 11 22H2
- Fix for capturing audio with larger ASIO buffer sizes

## 4.0.0

Initial release of integrated installer with updated Control Panel and firmware