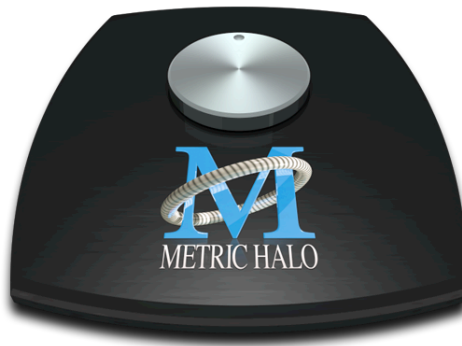


# Getting Started with v.5.6



## Introduction

Welcome to the Mobile I/O v.5 package. The v.5 software is compatible with Mobile I/O hardware that does not have a 2d Card installed (Legacy Boxes) and 2d Expanded Mobile I/Os (MIOs with 2d Cards installed). You can use MIO Console v.5 and the included driver with Legacy Boxes, 2d Expanded Boxes and mixed systems.

### Important:

With the introduction of the 2d Card we have created two different branches of the MIO Firmware; you must use the correct version for your hardware, or the hardware will not function properly.

Legacy boxes continue to use the 2.x.x firmware series, which has been updated to version 2.2.05 with this release. You **must not** install the 5.x.x firmware on a box that does not have a 2d Card installed.

2d Expanded boxes (including the ULN-8 and LIO-8) require the 5.x.x firmware series to function properly. If you do not use the 5.x.x firmware with your 2d Expanded unit, the 2d Card will not be booted and you will not be able to pass audio through the box.

If your Mobile I/O had its 2d Card installed at the factory, it will have the 5.x.x firmware installed at the factory. If you are doing a field installation of the 2d Card, you will need to install the new firmware after you have physically installed the card. You **must not** install the 5.x.x firmware on a box that does not have a 2d Card installed.

The v.5 package includes the following components:

- MIO Console v.5.6
- MIO Driver v.5.4 Universal installer
- MIO ConsoleConnect Plug-in Installer
- New Firmware:
  - v. 2.2.08 Firmware for Legacy Boxes
  - v. 5.0.41 Firmware for LIO-8, ULN-8 & 2d Enhanced Boxes
- MIO Plug-in Presets Installer
- If you received this package on CD:
  - v.5 and Hardware Documentation
  - v.5 Tutorial Movies
- If you downloaded this package, then the **v.5 Tutorial Movies** are not included in the download package, but these resources are available online:
  - [v.5 Tutorial Movies](#)

## New Features

MIO Software version 5.6 adds the following new features:

- Added I/O insert to the Mixer
- Added ConsoleSync (console/hardware state synchronization engine)
- Added factory default auto-load for when there is no box state on the computer
- Added box merging in the Mixer when a box is added and there is no data for it in the state on the computer
- Added “Save System Boot State (all boxes)” command
- Added “Channel Strip Meters Post Fader” setting to the MIO menu when ConsoleConnect is in plug-in mode
- Added AAX plugin for ConsoleConnect
- Changed Enable Legacy Box Support preference to be off by default
- Changed Use OpenGL for rendering preference to be on by default
- Changed default record file format preference to be BWAV
- Changed default record file autosplit size preference to be 2GB
- Changed default Take folder naming preference to be incremental
- Changed MIO Console icon
- Manual: Added Quick Start Guides
- Manual: Moved interface documentation for better flow
- Manual: Moved the host-specific routing tips to the Routing Examples section
- Manual: Moved +DSP documentation into the Software section from the Appendix
- Manual: Condensed +DSP plug-in documentation

and fixes the following issues:

- Override Mac OS X autorestore behavior with users preference
- Fixed a bug where plug-in and graph preset names were not tracked properly
- Fixed a bug where it was possible to assign to an output reserved by the Monitor Controller
- Fixed a bug where the ULN-8 Factory Default template would not open properly
- Fixed a bug affecting the update of inserted graphs output destinations
- Fix crash that occurs when undoing the deletion of a bus that was assigned as an aux input of another bus
- Add workaround for uninstantiable plugins – fixes apparent crash

## Installation

To install v.5.6:

1. Drag MIO Console to your computer’s *Applications* folder (or wherever you like to keep your audio applications)
2. If you want to use the MIO ConsoleConnect Plug-ins, double-click the **ConsoleConnect** installer package and follow the installation steps.
3. If you want to use the Presets for the Mobile I/O +DSP Plug-in, double-click the **MIOPluginPresets** installer package and follow the installation steps.
4. If you need to update the Firmware on your Mobile I/O hardware (see above for information about what firmware should be used on your hardware) follow the [instructions for firmware installation](#).
5. Install (or update) the driver to the most recent version by double clicking the MIODriver\_5.x\_Universal installer package. To ensure that the new driver is loaded after the installation is complete, you should reboot your computer. After your computer has been rebooted, you are good to go. The 5.4 driver package will work correctly on all versions of Mac OS X 10.4.8 forward (including the 64-bit kernel in Mac OS X 10.6 & 10.7).

## Legacy Support

MIO Console v.5 fully supports Mobile I/O hardware units that do NOT have 2d Cards installed (Legacy Units). It also supports mixed systems, where you have 2d Expanded units and Legacy

units online at the same time.

It is important to understand that most of the new features in v.5 rely on the presence of a 2d Card to operate. The templates include with v.5 all require a 2d Card to operate. The new mixer window requires a 2d Card. The Character processing (which is part of the v.5 mixer) requires a 2d Card. The routing function of the Monitor Controller does operate on Legacy Boxes, but the volume control aspect does require a 2d Card.

There are some new features in v.5 that do apply to Legacy boxes:

- HaloVerb for +DSP
- TransientController for +DSP
- RIAA Decoder in EQ for +DSP
- Many Bug Fixes
- More +DSP plugins
- Monitor Controller routing (not level control)
- +DSP and Analog level persistent states (for stand-alone operation)
- Enhanced Record Panel

There new elements of v.5 that will NOT operate on a legacy box are:

- Templates
- v.5 Mixer window/Mixer menu
- Character
- Monitor Controller level control

While we encourage you to take a look at these features to get a sense of what they may mean to your workflow if you upgrade by expanding your Mobile I/O with a 2d Card, you should not expect them to work on Legacy HW.

### **Important Note For Legacy Users**

This release of MIO Console marks the end of support for Legacy interfaces. Future versions of MIO Console will not be guaranteed to be compatible with Legacy interfaces and there will be no testing of future releases on Legacy devices.

We strongly recommend that you install a 2d upgrade in your interface to maintain compatibility with future releases of MIO Console. If you choose not to upgrade to 2d, installing any version of MIO Console released after v5.6 is at your own risk and we take no responsibility for its compatibility or performance.

To learn more about the 2d Card Upgrade and what it can do for your workflow, please take a look at the [2d Card Upgrade Product Page](#).

## **Orientation**

Whether you are new to Mobile I/O or an old hand, you will find that v.5.6 on a 2d Expanded unit is incredibly powerful and unbelievably useful, but you will probably want to take a few minutes to get yourself oriented to the v.5.6 MIO way of doing things. Here are some recommendations:

- Watch the tutorial videos — these will get you started fast, and give you a quick overview of the capabilities of your new system.
- Read the documentation. It is available as a PDF file from the Help menu in MIO Console 5.6, or you can view the [Mobile I/O User's Guide](#), which provides online access to the documentation.

Have fun with v.5.6!