

Getting Started with v.5.3

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 ULN-8 & 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 Enhanced boxes (including the ULN-8) require the 5.x.x firmware series to function properly. If you do not use the 5.x.x firmware with your 2d Enhanced 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.5.3
- MIO Driver v.5.3 Universal installer
- MIO ConsoleConnect Plug-in Installer
- New Firmware:
 - v. 2.2.05 Firmware for Legacy Boxes
 - v. 5.0.32 Firmware for ULN-8, LIO-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 and Hardware Documentation** and **v.5 Tutorial Movies** are not included in the download package, but these resources are available online:
 - [v.5 and Hardware Documentation](#)
 - [v.5 Tutorial Movies](#)

Installation

To install v.5.3:

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 5.3 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). This driver supports PPC Macs back to Mac OS X 10.3.9.

Help File Cache

The Apple Help system appears to cache the help files from applications and does not notice that the help files in MIO Console have been updated. We are investigating automatic solutions to this for future versions of MIO Console, but presently there are two manual solutions that you can implement:

1. You can view the help files in your Web-browser by selecting the "Help > Open Help In Default Web Browser" menu command.
2. You can run the "CleanAppleHelpCacheScript" included in this package by double clicking on the file -- this will run the script in the terminal and will cause Apple Help to reload the new files into the cache.

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.

Orientation

Whether you are new to Mobile I/O or an old hand, you will find that v.5.3 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 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 online [v.5 Mixer Overview](#), which provides an overview and quick start for the new v.5 Mixer.
- Check out the online [v.5 and Hardware Documentation](#), which provides a detailed reference for the hardware and software. This documentation is also available on the CD that ships with new units and from the Help Menu in MIO Console.

Have fun with v.5.3!