

Getting Started with v.5.5

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.5.5
- 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 5.5 adds the following new features:

- Support for MH Special Deals customer loyalty gateway
- Added templates that correspond to factory default boot-states for each box type
- Added support to detect and properly handle Lion (10.7) “natural scrolling” mode gestures
- Added support allow user to bypass Character
- Adjusted labelling of Pre/Post fader and Φ Inv buttons for send strips
- Added color linking for send strips
- Added support to autofocus sends window when send buss is monitored via Monitor Control
- Added key command to toggle “Source Override” in Monitor Controller
- Increased maximum number of supported boxes in the Record Panel to 16

- Added “Show/Hide Monitor Control Window” command to ConsoleConnect MIO menu

and fixes the following issues:

- Fixed missing “.noindex” suffix on take folders after a break is made in recording
- Fixed spurious warning message indicating that the record panel is recording when you quit MIO Console
- Fixed a crash that can occur on second time Record is clicked
- Fixed a problem where a ULN-8 can lose its +DSP license if preamps are removed
- Added code to ensure that boot-states are written and recalled reliably
- Removed unnecessary logging
- Auto-save changes to preferences so that on-disk prefs are always correct
- Fixed hidden toolbar in “Manage Licenses...” window in Lion
- Fixed Line -10 output calibration for LIO-8 and ULN-8
- Fixed synchronization between MIO Console and Front Panel Output Links on LIO-8 and ULN-8
- Fixed Infinite Loop crash with Monitor Controller windows on Lion (10.7)
- Swapped Mute and Dim buttons in Monitor Controller UI to match order on ULN-8/LIO-8 Front Panel

Installation

To install v.5.5:

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 v5.5 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.5.5 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.5.5 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 documentation. It is available as a PDF file from the Help menu in MIO Console 5.5, or you can view the [Mobile I/O User's Guide](#), which provides online access to the documentation.

Have fun with v.5.5!