

SOFTWARE RELEASE NOTES



Product: Mbox Media Server
Manufacturer: PRG
Subject: Software Version 5.3.1
Bulletin No: MBX-072
Date: June 11, 2025



INTRODUCTION

Mbox Software Version 5.3.1

We are happy to announce that software version 5.3.1 is now available for the Mbox Media Server applications including Mbox, Mbox Daemon, and Mbox Remote! Software version 5.3.1 addresses several issues in the Mbox 5.x applications. This release also includes a revised version of the Art-Net Tester utility application.

Compatibility with Apple Silicon Processors - M1/M2/M3/M4 - and macOS versions

All Mbox 5.x applications are universal applications and run natively on both Apple Silicon and Intel computers. All Mbox 5.x applications require at least macOS 10.14.6 and are compatible with all versions of macOS up to and including macOS 15 Sonoma. The use of macOS 16 Sequoia is still discouraged at this time. If you must use Sequoia and experience issues using Mbox applications, please contact MboxSupport@prg.com for assistance.

Mbox, PRG, and your Personal Data

Please refer to the release notes for Mbox software version 5.0.2 (MBX-065) for information regarding PRG's use of your personal data. Please contact MboxSupport@prg.com if you have any questions.

Reminder - Blackmagic Desktop Video

- + Mbox 5.3.1 uses version 14.3 of the Blackmagic Design SDK.
- **WARNING!** This means that the installed version of Blackmagic Desktop Video used with Mbox 5.3.1 must be at least version 14.3 for any/all Blackmagic inputs and outputs to function.
- Mbox now checks the installed version of Blackmagic Desktop Video at application launch, and displays an alert if the installed version is older than the required version.

Mbox Installer Changes

- + In order to install and use the Mbox dongle drivers on Apple Silicon computers, Rosetta must be installed on the computer. The Rosetta install is handled automatically, but will fail if the computer has no internet connection. When installing Mbox and choosing to install dongle drivers, if a Rosetta install is required but the computer has no internet connection, the installer will fail, showing an error message. To avoid this potential failure, ensure that the computer has a valid internet connection before installing Mbox if the dongle drivers are to be installed.
- + The Mbox installer now archives prior versions of the Mbox, Mbox Remote, and Mbox Daemon applications - rather than keeping or deleting them. The applications are compressed into a .bz2 file which will be put into the /Applications/Mbox Software folder.
- + The Mbox installer now forces a reboot after the install process has completed.

Corrected Issues

Mbox:

- + Fix issue where video input is used on a layer and which dropped signal does not automatically reappear when signal is restored.



- + Improve color space conversion of YCbCr to RGB video input.
- + Fix issue that cause Blackmagic RGB 10-bit inputs not to work.
- + Fix crash when pixel mapping fixture belongs to a group and has a merge mode set, but the fixture has no merge address.
- + Fix potential crash on Intel computers, related to Layer In/Out frame values set using the layer's H, M, S, F parameters.
- + Fix potential crash when NDI input is being used on a layer and layer opacity is faded up from 0 when network connection is poor and frames are not received in a timely fashion.
- + Fix text on Preferences tab when license is invalidated due to no periodic validation.

Remote:

- + Fix issues with buttons for pixel mapping test functionality.

Art-Net Tester:

- + Fix issue that caused incorrect display when switching from merge display modes to non-merge display modes.

Known Limitations

All:

- + When the host computer uses macOS 15.x Sequoia, applications in the Mbox family may exhibit unexpected behavior with regard to the use of local networking, especially with protocols using multicast.
 - This issue is a bug in the Sequoia operating system relating to the new Security and Privacy > Local Network permission setting. Apple has been notified of this issue and we are awaiting a resolution.
 - After the computer is (re)booted this issue can result in applications being unable to send/receive sACN data or with Director/Remote being unable to see/find the Mbox application on the network.
 - A verified workaround is to quit the application(s) and to go to the System Settings > Security and Privacy > Local Network preference pane and to toggle off then on the switch for the affected application(s). Then relaunch the affected application(s). Once this process is completed, the application(s) will work correctly until the next reboot, at which point the process may need to be repeated.
- + On computers with macOS Sequoia installed, Mbox is not able to make thumbnails for the built-in content in folder 255, and for some other proprietary content types: .topo, .svge, and .vign. The types will display a generic blue thumbnail in Director or on consoles that support thumbnails.
 - We are working on a resolution to this and should have this in place with the release of Mbox 5.4 layer this year.