

# SOFTWARE RELEASE NOTES



**Product:** Mbox Media Server  
**Manufacturer:** PRG  
**Subject:** Software Version 5.0.2  
**Bulletin No:** MBX-065  
**Date:** February 20, 2023



## INTRODUCTION

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### Mbox Software Version 5.0.2

We are pleased to announce that software version 5.0.2 is now available for the Mbox Media Server applications including Mbox, Mbox Director, Mbox Daemon, and Mbox Remote! Mbox software version 5.0.2 is a bug-fix release and addresses issues found in the Mbox v5.0 applications.

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

The Mbox 5.x applications are all universal applications and will run natively on both Apple Silicon and Intel computers. All the Mbox v5.x applications require at least macOS 10.14.6 and are compatible with all versions of macOS up to and including macOS 13 Ventura. Testing has been performed with macOS 14 Sonoma, and its use is not suggested at this time. If you use Sonoma and experience issues, please contact [MboxSupport@prg.com](mailto:MboxSupport@prg.com) for assistance.

### Mbox, PRG, and your Personal Data

In order to provide the Mbox software to you, PRG and the Mbox team need to know some information about you. This information is kept to a minimum, but may include your name, email, and other elements of Personal Data. Your Personal Data is used primarily in the sale and processing of licenses, but may also be required when we support the Mbox software. The EULA for Mbox outlines the importance of PRG's Privacy Policy as part of the license agreement. You may view PRG's Privacy Policy by visiting this [link](#).

**Because the use of Mbox's soft-licensing scheme requires the use of your Personal Data, the Mbox application now asks if you agree to PRG's Privacy Policy when activating a soft-license. If you do not agree, the soft-license will not be activated.**

You have the right to request that we share with you what Personal Data of yours that PRG collects and stores. You also have the right to request that we delete your Personal Data. However, please be aware that if you ask us to delete your Personal Data, you will not be able to continue to use an Mbox soft-license. Deleting your Personal Data means that we must also delete any/all soft-licenses assigned to you, as the soft-license requires the use of some Personal Data. If your Personal Data is deleted and as a result we delete your soft-license(s), there will be no refund given. Please contact [MboxSupport@prg.com](mailto:MboxSupport@prg.com) if you have any questions.

### Corrected Issues

#### Mbox:

- + Fix for crash with ProRes422 (Proxy, Lite, Normal, and HQ) content when movie's width is not a multiple of 2. This issue does not affect ProRes4444 content. See note in Known Limitations section for additional information.
- + Fix issue with microphone/audio input permission request upon new install.
- + Edits to effects code to eliminate possible crash when using combinations of effects on the same layer.
- + Fix for crash when non-functional HUD selected using Global Master.
- + Fix for possible crash if no image available for blending during fast transition.
- + Fix for possible crash with video input setup.
- + Fix for color accuracy with ProRes422 content when played on Intel-processor computers.
- + Fix flickering of image when NDI input stream switches from BGRA to UYVY or vice versa.



- + Fix issue that could cause active NDI inputs to stop when committing edits to NDI input setup.
- + Fix possible crash if NDI discovery fails while the source is still sending frames and the stream is active on a layer.
- + Fix for possible memory leak.
- + Fix name and thumbnail image for effect #201, Line Overlay.

#### **Director:**

- + Speed up layer animation to eliminate slow sliding view updates.
- + Fix issue with microphone/audio input permission request upon new install.

#### **Remote:**

- + Fix for possible memory leak.
- + Fix for latent dark gray rectangles on Status tab breakout views when Mbox server is no online.
- + Speed up layer animation to eliminate slow sliding view updates.
- + Allow universe number entry with values greater than 255 in pixel mapping fixture editing window.

### **Changes and Fixes for utility applications**

#### **AVF Batch Converter:**

- + A new version (v1.6.10prg) is provided with this release. This new version of the AVF Batch Converter application is now a universal application. This application is created and provided under license by its creators - Tom Butterworth and VidVox LLC - to whom we provide thanks. Our version of this application includes minor changes to improve the look of the UI on newer versions of macOS, add several additional versions of the ProRes codec for encoding purposes, and to address a few bugs.

### **Known Limitations**

#### **Mbox:**

- + While this version eliminates a crash with ProRes422 content that has a width which is not a multiple of two (i.e. an even number) there are still remaining warnings for such content. This content will have its width padded when it is decompressed by Mbox and this results in a black strip at the right-hand side of the movie. Additionally, this content will use software decoding rather than hardware decoding, which may reduce performance in some cases. **The single best solution that you can implement to avoid this issue is to always create ProRes422 movies with a width that is a multiple of two!** Following this rule allows you to avoid both the black strip and allows the hardware decoding to be used if available.
- + There may be some remaining combinations of two or more effects on a layer that cause a crash. Please let us know if you experience any issues using effects on layers.
- + Please refer to the Release Notes documents for Mbox 5.0 and 5.0.1 for other known limitations.