

# SOFTWARE RELEASE NOTES



**Product:** Mbox Media Server  
**Manufacturer:** PRG  
**Subject:** Software Version 4.4.4  
**Bulletin No:** MBX-060  
**Date:** October 26, 2021



## INTRODUCTION

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### Mbox Software Version 4.4.4

Software version 4.4.4 is now available for the Mbox Media Server applications including Mbox Designer, Mbox Studio, Mbox Mini, Mbox Director, Mbox Daemon, and Mbox Remote. Mbox software version 4.4.4 includes new features and addresses bug fixes for the Mbox, Director, and Remote applications.

### Compatibility with macOS 11 Big Sur & macOS 12 Monterey

This new release is compatible with macOS 11 Big Sur and macOS 12 Monterey. However, at this point in time we still recommend that you do not upgrade any Mbox computers to Big Sur and absolutely recommend against using Monterey due to how new it is.

### NDI® Output

The Mbox 4.4.4 software includes functionality to allow Mbox to generate NDI output streams. This functionality is no longer considered to be in beta testing and several fixes have been made to enhance its reliability. However, NDI still requires caution when being used, in addition to a very robust and fast network setup. Please refer to the Mbox 4.4.4 User Manual for more information on using this feature, and the limitations involved.

### Enhancements and Changes

#### Mbox:

- + New texture effects: Fixed Mask from Layer (#093), RGB Contrast (#026) and RGB Gamma (#027).
- + Added preference to hold the last frame of a dropped NDI input signal forever, rather than clearing the input after two seconds.
- + Added preference and capability for color tuning of the RGBW\_2 pixel's white tint.
- + The Global Master's Layer Info HUD now shows the remaining time in the current movie.
- + The Global Master Control Channel can now enable and disable the no media "White Square".
- + Empty slots can be reserved for NDI inputs, allowing them to be reserved for future use.

#### Remote:

- + Added the ability to import and export Destination information in the csv format.
- + Provide more accurate pixel mapping total pixel count reporting when over license limit.
- + The default destination name is now "Ethernet" rather than "Ethernet 2."

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## Corrected Issues

### Mbox:

- + UI fixes for Big Sur and Monterey.
- + Fix issues with Rotate Up and Rotate Down transitions when going from content of one size to content with another size.
- + Fix issue with layer RGB, Brightness, and Contrast controls to eliminate highlighted fringing caused by brightness adjustments when content with partial transparency is placed on top of another layer's content.
- + Fix for correct display names and output rendering at correct/selected rate with Apple Silicon hardware.
- + Increase open files limit to eliminate crash when too many NDI sources are on the network.
- + Rework NDI input code to only open ports for sources that are present and being used.
- + Fix memory leak with effects and transitions that use plugin still images as modifiers.
- + Fix issue with erroneously releasing QLM license even when license server reports an error.
- + Fix object effects that did not work on Apple Silicon hardware.
- + Fix swapped red and blue color channels with NDI inputs when specific effects are applied to the layer.

### Director:

- + UI fixes for Big Sur and Monterey:
  - Fix upside-down images on buttons and controls.
  - Fix issue with lag and eventual unresponsive UI when layer feedback streams are enabled.
- + Fix issue where layer thumb was not shown when dragging layer from browser area onto another layer or to a scene.
- + Fix typo in Rotate Down effect name.

### Remote:

- + UI fixes for Big Sur and Monterey.
  - Fix upside-down or missing images on buttons and controls, incorrect background and/or text color.
  - Fix issue with lag and eventual unresponsive UI when layer feedback streams are enabled.

## Warnings For Known Issues

- + Mbox, Mbox Director, Mbox Remote, Mbox Daemon and all accompanying applications are compiled for Intel processor computers only. The applications are not built to be “universal” and therefore do not run natively on Apple Silicon computers like the M1/M1 Pro/M1 Max processor Mac mini or MacBook Pros.
  - This means that some aspects of these applications may not work or may not work in the intended fashion. **Therefore, although we have made every effort to make sure that the Mbox applications run correctly on Apple Silicon hardware, we recommend that users avoid using Apple Silicon computers with Mbox if at all possible.**