

SOFTWARE RELEASE NOTES



Product: Mbox Media Server
Manufacturer: PRG
Subject: Software Version 4.4.1
Bulletin No: MBX-049
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INTRODUCTION

Mbox Software Version 4.4.1

Software version 4.4.1 is now available for the Mbox Media Server applications including Mbox Designer, Mbox Studio, Mbox Mini, Mbox Director, Mbox Daemon, and Mbox Remote.

Overview

Mbox software version 4.4.1 addresses compatibility with macOS 10.15 Catalina for the Mbox software. Mbox 4.4.1 also includes several important bug-fixes and minor enhancements.

Compatibility with macOS 10.15 Catalina

The latest version of macOS, Catalina, enforces several new concepts on the Macintosh platform: 64-bit applications only (no 32-bit), notarization, and limits on access to locations and processes. For the most part these changes make little or no difference to how Mbox v4 works. Wherever possible, all Mbox applications are now 64-bit. All applications and installers have been notarized to meet Apple's requirements. Please note that at this point there is no advantage to upgrading to Catalina and we recommend that you continue to use High Sierra or Mojave.

The biggest change for Mbox in Catalina is that there is no write access to the root directory on the computer's boot drive, even for admin users. Mbox has always defaulted to using this location for its primary content folder or alias - i.e. the /Mbox folder where all the preferences and media lives, or the alias that points to that actual folder elsewhere.

This means that moving forwards, the /Mbox folder or alias should no longer be used. **Therefore, you must move the Mbox content folder or its alias from /Mbox to /Applications/Mbox.** The Mbox 4.4.1 installer will display an error and will not continue if a /Mbox folder or alias is found, you must move the item prior to running the installer. New installations will automatically use the /Applications/Mbox folder. Of course you can still use an alias in the new location to point to the actual Mbox content folder in some other location.

CAUTION! If you have an existing Mbox installation and upgrade the computer to Catalina without moving the Mbox content folder, Mbox will continue to work. The contents of the /Mbox folder can be moved after Catalina has been installed so future versions of Mbox will be fine, but the original /Mbox folder or alias cannot be deleted from the root location.

Corrected Issues

Mbox:

- + Fix issue with pixel mapping output freezing when layer used as source and layer's opacity reduced to 0 or layer's content reset.
- + Fix issue with layer sync and timecode playmodes that caused jittery playback with new v4 frame blending.
- + Fix colorspace issues in Cartoon2 effect.

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Director:

- + Fix pattern match of Object & Object Library names to allow OSC control of Object Library parameter.
- + Fix Library and File textfield formatting to eliminate display of float values when dragging value.

Remote:

- + Fixes for occluded UI elements in Mojave and Catalina.
- + Changes to localization for textfields in Projection Editor window. Allow local separator and decimal characters.

Enhancements

- + The Mbox 4.4.1 installer includes a new (notarized) version of the Mbox Dongle Drivers, which is version 7.100 of the Sentinel drivers, for compatibility with Catalina.
- + Allow selection of “OS Default” audio device, rather than specific device, from within Mbox and Director applications.
- + Mbox Media ID is now a fully 64-bit application. The updated application includes fixes for sorting and the addition of functionality to add or replace a file name suffix.

Important Changes or Eliminations

- + The Mbox content folder or its alias should be moved from /Mbox to /Applications/Mbox.
- + The Mbox installer no longer includes the Hap codec, as this codec is 32-bit only and not compatible with Catalina. This does not affect the use of Hap content within Mbox.
- + The folder icons for the Mbox, Media, Models, and Director folder are no longer included as they are incompatible with Catalina.
- + The Mbox Media Lock application has been removed as it is not compatible with Catalina. In the future, this functionality will be reinstated within the Mbox application.