

SOFTWARE RELEASE NOTES



Product: Mbox Media Server
Manufacturer: PRG
Subject: Software Version 5.5
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INTRODUCTION

Mbox Software Version 5.5

We are pleased to announce that software version 5.5 is now available for the Mbox Media Server applications including Mbox, Mbox Director, Mbox Daemon, and Mbox Remote. Software version 5.5 implements a number of new features and addresses issues in the Mbox 5.4 applications.

Compatibility with Apple Silicon Processors - M1/M2/M3/M4/M5 - and macOS versions

All Mbox 5.x applications are universal application and run natively on both Apple Silicon and Intel computers. All Mbox 5.x applications require at least macOS 12.0 and are compatible with all newer versions of macOS up to and including macOS 26 Tahoe. The use of Sequoia or Tahoe is still discouraged at this time due to bugs in the OS. If you must use Sequoia or Tahoe and have issues using Mbox, please contact MboxSupport@prg.com for assistance.

IMPORTANT!! Mbox 5.5 has eliminated support for versions of macOS older than macOS 12.0 Monterey. You must be running Monterey or newer to install and use the Mbox applications!

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.

New and Updated Features

Mbox:

- + Drawmodes (AKA Cut and Stencil) are now enabled. Mbox v5 allows eight selectable stencils, whereas Mbox v4 only had one stencil. Any layer can cut any of the eight stencils and any layer can use any of the eight stencils when drawing their content.
- + A new preference allows the selection of the Pixel Mapping Merge protocol, as opposed to it being locked to the same protocol that Mbox is receiving for overall control.
- + New RGB Ring Iris and RGB Ring Iris Reverse transitions. These two transitions have default values for the ring width, edge, and RGB color and also allow the configuration of additional control input to control these elements in a live fashion.
- + Allow 4K input from AVFoundation video input devices that support 4K capture. This is enabled in the camera input settings area on a per-input basis.
- + A new menu option for resetting AVFoundation video input device history has been added to the Mbox menu.
- + AVFoundation video input devices now show their device name and port location on the camera settings device selection popup. This aids in allowing devices to be moved from one USB port to another both when Mbox is running and not running.
- + Pixel Mapping: the number of multicast sACN Pixel Mapping output universes that can be output at 30Hz has been increased from ~600 to ~1200.
- + Pixel Mapping: new pixel types - RGBxW and RGBAx, both 8 and 16-bit (see Mbox Remote New Features).



- + Pixel Mapping: all custom fixtures can have unique RGBW_2 White Tuning, RGBA White Point, and RGBL White Point values (see Mbox Remote New Features).
- + Pixel Mapping: a new maximum output rate preference allows output to be limited to ~20Hz or ~15Hz.
- + Pixel Mapping: ArtSync and sACN Sync output (see Mbox Remote New Features).
- + New Mix Modes (29 and 30) added for Rotate only and Crop and Rotate modes.
- + The text on Mix HUD labels is now rotated to match the mix rotation.

Director:

- + Director can now use the macOS fullscreen mode in addition to the existing window resizing.
- + A new menu-based preference allows the default action of the spacebar to play/pause the timeline to be disabled.
- + A new menu-based preference allows the AutoFollow (AF) checkbox to always uncheck when the timeline is paused or stopped.
- + OSC can now be used (with feedback) to set parameter Time and Delay values.
- + OSC can now be used (with feedback) to set a Layer's xFade Time parameter value.
- + OSC feedback is now provided for Blind Edit toggle.
- + OSC can now be used (with feedback) for Hide and Solo toggle.
- + The Groups bank now has right-click options for naming or deleting a group.
- + Empty Palettes can have their name edited.
- + When the timeline starts running and the time source is MTC, if MIDI is not enabled the alert shown includes a new button that offers the option to immediately open the MIDI pref pane to allow MIDI to be enabled and configured.
- + Library and File are shown as separate parameters on the Presets inspector pane, rather than a combined value.
- + The Group inspector pane now shows the names of fixtures included in the Group.

Remote:

- + Content Management: versioned files are now shown with a cyan color rather than the prior red color. Such files are no longer reported as conflicts by the Mbox MediaReport file. Older versions of versioned files do not sync.
- + Content Management: file size is now shown in the file table for the selected folder.
- + Image Remapping: new keyboard shortcuts are available to quickly reorder configurations, screen objects, and controls without the need to copy, paste, and then delete.
- + Pixel Mapping: new keyboard shortcuts allow selected fixtures to have their X/Y position nudged without the Geometry Tools window being opened.
- + Pixel Mapping: new Geometry Tools are provided to allow selected fixtures to be distributed in a line between two points or in an array defined by two corner points. The points can be set either by entering numerical values or clicking on the Context grid.
- + Pixel Mapping: a new status text area under the Context grid shows totals for all patched pixels, pixels in current context, and pixels in selected fixture(s).
- + Pixel Mapping: the new Place Multiple New Fixtures button allows for the placement of multiple copies of the selected profile in either a linear, rectangular, circular, or arced arrangement. A contextual pane allows the selection of arrangement, spacing, and layout.



- + Pixel Mapping: in the Fixture Edit window, +/- math can now be used to adjust the universe value.
- + Pixel Mapping: new pixel types - RGBxW and RGBAx, both 8 and 16-bit - have been added to accommodate LED products with an RGBAW configuration and where both White and Amber should not be output at the same time - the "x" in the pixel type's name indicates the non-calculated value. These new types use the RGBW_2 and RGBA models when deriving the White and Amber components for output.
- + Pixel Mapping: unused fixture profiles can now be deleted from the configuration by clicking on the Fixture Profile popup and selecting the "Delete Profile..." option.
- + Image Remapping: when importing .svg data, if the file has no rect, polygon, or polyline objects an alert is shown.
- + Pixel Mapping: all custom fixture profiles/fixtures can now have unique RGBW_2 White Tuning, RGBA White Point, and RGBL White Point values. These new per-fixture values override the older, global values that remain in the Mbox application.
- + Pixel Mapping: the Context source area provides controls to enable ArtSync and sACN Sync, and to set the Sync Universe for sACN Sync.
- + Pixel Mapping: an AVFoundation video input can now be used as a live background image for a context.

ArtNet Tester:

- + Unicast sACN is now received and shown in the active universe table. The channel area's header now shows if an sACN universe is multicast or not.
- + The channel area's header now shows the Sync Universe value for sACN universes.

Controller:

- + sACN - with adjustable priority and selectable output interface - has been added as an output option.

Corrected Issues

Mbox:

- + Fix issue with audio output on Sequoia and Tahoe that could lead to crackles and pops in audio output.
- + Fix issue with pixel mapping merge that caused non-merging fixtures to receive incorrect merge data from preceding merging fixtures.
- + Fix for incorrect ethernet interface name when active and non-active interfaces have the same IP address and a non-active interface's is found first.
- + Fix truncated text on Media Log button on both older versions of macOS and Tahoe.
- + Stop mouse scroll action in inappropriate tableviews or textfields.
- + Stop Image Remapping Stride parameter from accepting values with a decimal point.
- + Safety improvements to address the possible loss of Image Remapping data on edit and rescan.
- + Fix tooltips for profile popup on Patch tab.
- + Fixes for issue that could cause AVFoundation video input devices to not work if moved from one USB port to another.
- + Conflicts in pixel mapping files are now labeled correct in MediaReport file.



- + Remove defunct Global Master macros.
- + Fix incorrect pixel mapping pixel limit displayed after Mbox license has expired.
- + Show explicit icon on License Controls pane on Tahoe.
- + Fix for possible loss of dmx2osc configuration and interface data when the dmx2osc settings are loaded from disk.

Director:

- + Eliminate the concept of DHCP Quarantine that could lead to issues connecting to Mbox instances on networks having a DHCP server.
- + Provide more helpful information on the “Director can’t receive replies from...” tooltip.
- + Fix issue with snapshot naming that allowed the edits to be saved even when cancel was pressed.
- + Improved alert verbiage when timeline is started with an MTC source but MIDI is not enabled.
- + Eliminate the “auto manage” parameter from Preset parameter listings.
- + Disallow the selection of the status text at the bottom of the main window.
- + Fixes for missing UI elements with Tahoe - controls for palettes, Media Picker, submasters.
- + Fix for OSC general feedback when sending “/md/?”
- + Add missing Mix Mode slots to Studio and Mini profiles.

Remote:

- + Fix possible corruption of pixel mapping file data when opening files having mismatched source dimensions.
- + Fix for unresponsive pixel mapping profile/fixture edit window on Tahoe.
- + Fix for (re)connection to already Finder-mounted SMB shared volume, which previously required the volume to be manually disconnected then reconnected using Remote.
- + Fix for incorrect ethernet interface name when active and non-active interfaces have the same IP address and a non-active interface’s is found first.
- + Fix for reread of remote pixel mapping configuration on slower system/connection after file edit and rescan.
- + Stop mouse scroll action in inappropriate tableviews or textfields.
- + Pixel Mapping Group table now sorts in natural numerical order.
- + Stop Image Remapping Stride parameter from accepting values with a decimal point.
- + Pixel Mapping Group table header now shows correct group channel count and range.
- + The footprint dimensions of pixel mapping fixture profiles can now be reduced without having to first move patched pixels inside the new dimensions.
- + Fix default color of Pixel Mapping tab’s Place New Fixtures and (Re)sequence buttons.
- + Fix exception when using the Projection Editor’s Controls tab’s increment or decrement bumper buttons. Always select the first control when switching to the Controls tab.
- + Safety improvements to address the possible loss of Image Remapping data on edit and rescan.
- + Eliminate context area rescale after applying edits that have no impact on position or sizing



Daemon:

- + Fix for incorrect ethernet interface name when active and non-active interfaces have the same IP address and a non-active interface's is found first.

AVF Batch Converter:

- + Fix for failed audio track recompression on Tahoe.