

SOFTWARE RELEASE NOTES



Product: Mbox Media Server
Manufacturer: PRG
Subject: Software Version 4.2
Bulletin No: MBX-028
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INTRODUCTION

Mbox Software Version 4.2

Software version 4.2 is now available for the Mbox Media Server applications including Mbox Designer, Mbox Studio, Mbox Mini, Mbox Director, and Mbox Remote.

Overview

Software version 4.2 offers several notable bug fixes for issues in Mbox, Mbox Director, Mbox Remote, and Mbox Daemon. A list of affected items can be found below.

Mbox:

- + Updates/corrections for Mbox v4 User Manual
- + Implement audio crossfade on layer when content is transitioning, to eliminate audio “cut” during transition
- + Add HSV pixel type for pixel mapping
- + Add effects: Color Brightness Contrast (021), Chroma Key 2017 (058), Auto Alpha Matte (059), Pillow Blocks (190), and Triangle Kaleidoscope (191)
- + Add logging for timecode rate discrepancies
- + Add multi-channel audio playback w/ embedded audio (AAC format only) and sidecar audio (wav, m4a, aac, aif)
- + Add logging for audio channel info
- + Add warning about using Blackmagic device as both input and output,
- + Add functionality to receive layer sync streams from Mbox v3

Director:

- + First release of Mbox Director v4 User Manual
- + Add hotkeys: [i] for image control, [option d] to deselect scenes; add submaster OSC input commands
- + Modify hot-key [c] to be camera
- + Flash TC button orange when editing while using SMPTE
- + Add OSC commands for layers 10 - 24 and deselect scene (same as [option d] hot-key)
- + Show last received MIDI note on MIDI tab

Remote:

- + Updates/corrections for Mbox Remote v4 User Manual
- + Add HSV pixel type for pixel mapping

Daemon:

- + Exponentialize content sync rate speedup when sync bitrate is very slow in Daemon



Corrected Issues

Mbox:

- + Fix for Freeze effect to work with video in, syphon, layer copy, fix colorspace issues
- + Fix memory leaks with H.264, audio playback
- + Fix audio input source being set to “None” every time the application launches
- + Fix confusing/wrong default for Hue & Saturation effect
- + Fixes for zoom on Image Remapping tabs
- + Fix for colorspace issues with pixel mapping output
- + Modify ArtPoll disable pref default: set to off
- + Fixes in Mbox for SVG mapping, obj scaling, and texture mapping
- + Remove Object Tile effect as it causes crash when used with objects
- + Fix issue with white square appearing on image remap even when disabled
- + Fix crash with layer copy loops
- + Fix latent image with video input, syphon, quartz
- + Fix topo overrides for Studio build
- + Fix for Decay effect to work with video in, syphon, and layer copy, fix colorspace issues



Director:

- + Fix [option +] & [option -] actions
- + Fix MIDI/SMPTE timecode issues with recall previous scene on timecode start/restart
- + Fix typos in built-in help
- + Fix issues with Submasters: menu items, deselect fade out, recall of lower priority sub cleared timing, changing priority/filter adjusts parameters, enable button highlight after snapshot recall
- + Fix MIDI timecode UI inconsistencies
- + Fix Media preferences window checkbox
- + Fix timecode play button when switching from MIDI to Internal sync
- + Fix issues with Director Trigger fixture patching
- + Fix passthrough feature when used with backup server
- + Fix OSC “Copy OSC Path” menu item

Remote:

- + Fixes for zoom on Image Remapping tab
- + Fix Content Management sync hang
- + Fix Reveal in Finder functionality in Content Management
- + Fix Mix tab to immediately update Mbox no matter what tab Mbox is on
- + Fix bug with comma entry on Image Remap tab
- + Projection Editor window auto-saves changes after 1 second

Daemon:

- + Allow sync transfers to recover from up to 7 sec of network interruption
- + Modifications to aid detection of socket closed by peer



Known Issues

Mbox:

- + Using Decay effect (153) with Mask from File (090) or Mask from Layer (091) effect on same layer may cause crash
- + Triangle Kaleidoscope (191) and Freeze (183) effects only work when using OS X 10.11 (El Capitan) or newer
- + When selecting a Syphon source on a layer, there can be a slight (<1sec) delay before it appears
- + LRBT Crop effect (221) doesn't work properly on Output Master if output is rotated 90°
- + Selecting a Syphon source that does not exist may result in the layer's previous content still being shown (rather than nothing being shown)



Director:

- + When using the Layer Swap functionality, timing and delay values are not always swapped

Remote:

- + When switching between servers on the Mixes tab, the Mixes shown may not update correctly to reflect those on the newly selected server