

Mbox® Player v1.3

Mbox® Player is a video content playback application created with the ideas of simple setup, quick programming, and streamlined playback control. Player is based on the technology found in PRG's existing line of Mbox® media server software. Because of this, Player benefits from 10+ years of media playback expertise and a commitment to ease-of-use and reliability.

Mbox Player offers a simple, fast, and reliable platform for the delivery of typical 16:9 video with built-in looping and crossfading. It is the perfect choice for the video professional looking to provide linear cueing and single-layer playback control without the complexity of a typical media server.

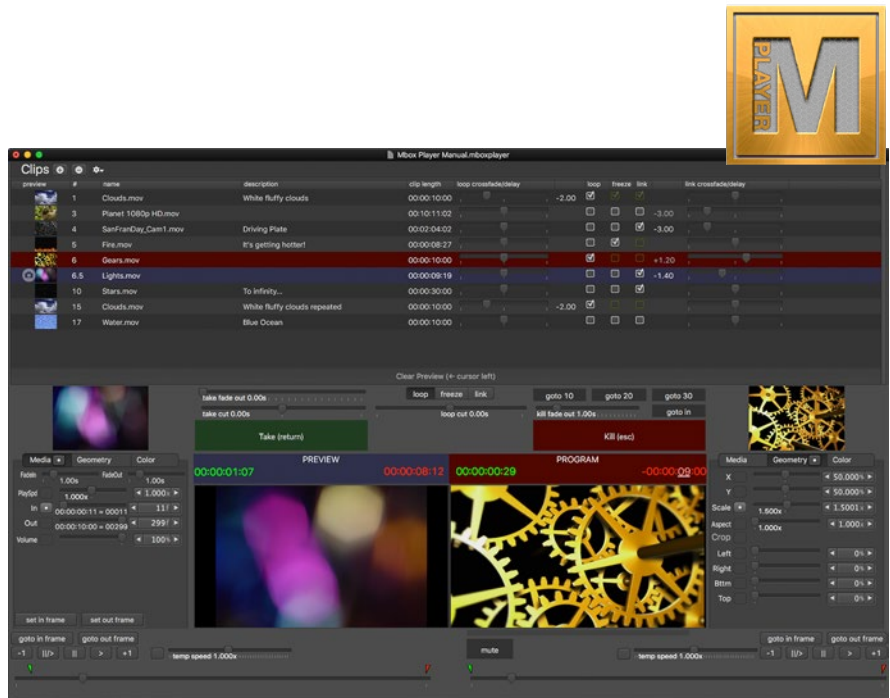
Mbox Player is designed for the playback and output of individual video, still image, and audio "clips" with the ability to apply a variable crossfade or delay between each item. Player's interface uses the industry-standard concept of Preview and Program buses to provide both a look ahead view in the Preview bus, and when loaded into the Program bus, clips are output from the computer's show output.

The physical properties of the clips can be edited in either the Preview or Program bus and clip properties are automatically saved and used whenever the clip is recalled. Controls are provided for the adjustment of content scale, position, cropping, and color, as well as playback controls for fade in and out, playback in and out points, and playspeed. Clips can be stored on any drive connected to the computer and then added to Mbox Player when desired. Clips are shown in sequential order in the clip list, with each clip's end-of-clip action and transition properties shown in the same view. Clips can be recalled manually, or linked together for automated playback.

Mbox Player provides a streamlined method for playback with its familiar and easily understandable user interface. The Preview and Program buses, combined with the simple controls in the Player application allow for quick, visual programming while still allowing for the customization of individual content items and the transition between items. Selecting a clip in the list loads that content into the Preview bus for preview and/or modification of its properties, and when the clip is ready to be displayed, it is loaded into the Program bus for output.

The Mbox Player application runs on any modern Macintosh computer* and supports playback and output up to 4K. Multiple computers running Mbox Player can be synced to allow them to transition and play content in unison.

*Minimum Requirements: Intel 64-bit processor having 2 cores, 8GB RAM. OS X 10.10 Yosemite or newer. Computers with SSDs and discrete GPUs will provide higher performance.



Features

- **SIMPLE USER INTERFACE** – USING A SINGLE WINDOW INTERFACE THAT COMBINES THE CLIP LIST AND PREVIEW AND PROGRAM BUSES, PLAYER KEEPS EVERYTHING SIMPLE AND VISIBLE AT A GLANCE. THE PREVIEW AND PROGRAM BUSES GIVE THE OPERATOR LIVE VIDEO FEEDBACK AT ALL TIMES
- **FLEXIBLE CODECS** - PLAYER SUPPORTS THE SAME MOVIE CODECS AND STILL IMAGE FORMATS AS THE OTHER MEMBERS OF THE MBOX FAMILY: APPLE PRORES, PHOTO-JPEG, HAP, AND H.264 FOR MOVIES, JPEG, PNG, AND TIFF FOR STILLS, AAC, AIF/AIFF, M4A, MP3, AND WAV FOR AUDIO
- **FLEXIBLE CONTENT RESOLUTION** – PLAYER SUPPORTS ALL DIFFERENT SIZES OF CONTENT UP TO AND INCLUDING 4K (3840 X 2160). CONTENT IS SCALED TO FIT THE SHOW OUTPUT BY DEFAULT BUT CAN BE SCALED UP OR DOWN AS DESIRED
- **TRANSITIONS** – CROSSFADES AND DELAYS WITH VARIABLE TIMING CAN BE SELECTED FOR MOVING BETWEEN CLIPS. ALTERNATELY, CLIPS CAN LOOP OR FREEZE ON THEIR OUT POINT. TRANSITIONS CAN BE AUTOMATED OR MANUALLY TRIGGERED
- **FAST PROGRAMMING** – CONTENT CAN BE QUICKLY ADDED TO THE CLIP LIST FOR IMMEDIATE PLAYBACK, WITH CLIP PROPERTIES EDITED IN BOTH THE PREVIEW AND PROGRAM BUSES EVEN WHILE CLIPS ARE PLAYING. CHANGES TO CLIP PROPERTIES ARE AUTOMATICALLY SAVED
- **AUDIO PLAYBACK** - PLAY MOVIE FILES WITH EMBEDDED AUDIO, OR STAND-ALONE & SIDECAR AUDIO FILES - ALL UP TO 8 CHANNELS. PER-CLIP VOLUME CONTROL AND OVERALL MUTE FUNCTIONALITY
- **OSC CONTROL** - REMOTE COMMANDS FROM EXTERNAL CONTROLLERS CAN BE RECEIVED USING OSC. COMMANDS INCLUDE: TAKE, KILL, LOAD BY NUMBER, AND IMMEDIATE TAKE BY NUMBER
- **SHOW OUTPUT SETUP** - PLAYER AUTOMATICALLY USES THE SECOND OUTPUT OF THE COMPUTER FOR FULLSCREEN SHOW OUTPUT. A WINDOW MODE ALLOWS THE SHOW TO BE PROGRAMMED WITHOUT THE SHOW OUTPUT. SHOW OUTPUT BACKGROUND COLOR IS CONFIGURABLE
- **SYPHON** - PLAYER PROVIDES A SYPHON OUTPUT OF THE PROGRAM BUS
- **SPEED** - DRAG AND DROP EDITING ALLOWS SELECTED PARAMETER VALUES FOR ONE CLIP TO BE QUICKLY COPIED TO ANY OTHER CLIP. CLIPS CAN BE RAPIDLY LOADED BY NUMBER OR TAKEN IMMEDIATELY
- **SYNCHRONIZATION** - USING THE PLAYER SYNC APPLICATION, MULTIPLE MBOX PLAYER COMPUTERS CAN BE TOLD TO RECALL A CLIP IN UNISON, WITH AN ADJUSTABLE DELAY IF DESIRED. INCLUDES DIRECT CLIP ENTRY FOR LOAD AND TAKE

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