

Mbox® Mini v4.4

Mbox® Mini v4 is a feature-rich media server application based on PRG's Mbox Designer v4 software. With the release of v4, the Mbox software has been modernized and improved. The all-new user interface makes configuration easier, and a complete rewrite of the playback engine provides significant performance gains. Mbox Mini can handle playback of content up to 4K and allows for up to six independently mastered outputs. The new output and mix setup options make Mbox Mini v4 so much more flexible than before.

Mbox v4 includes support for NewTek NDI® for video input, as well as enhanced frame blending and direct playback of stand-alone audio files.

Mbox Mini operates identically to Mbox Designer in setup, playback, effects, and transition functions. Mini can be controlled directly by moving light consoles (via Art-Net or sACN), allowing ease of coordination between video/image effects and lighting cues. Also, Mini can be controlled by Mbox Director, a simple yet sophisticated GUI application that allows for cue creation with triggering by timeline, MIDI, OSC, or Art-Net/sACN. Whether used with Director or a console, Mbox's ease of use and speed of programming are second to none.

Like Mbox Designer, Mbox Mini includes: single-layer crossfades; pixel mapping with Art-Net, sACN, or KiNET output, mastering, and merging; Image Remapping for custom LED mapping and scenic tracking; and Syphon input/output and CITP for media thumbs and feedback to consoles or visualizers.

While Mbox Mini v4 may be the cheapest version of Mbox software, it is still a fully-featured media server that can be used on all types of productions both big and small.

Software & Hardware Requirements

The Mbox Mini v4 software will run on any 64-bit Intel Apple Mac computer (MacBook Pro, Mac Mini, iMac Pro, Mac Pro, etc.) using OS X 10.9 Mavericks or newer versions of the operating system.

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Features

- FULLY CUSTOMIZABLE VIDEO OUTPUT SETUP WITH MULTIPLE OUTPUTS* PER SERVER. UP TO 4.6 MILLION PIXEL TOTAL OUTPUT - 3840x1200
- 6 INTERACTIVE, SCALABLE LAYERS FOR STILL, MOVIES, AUDIO FILES, VECTOR GRAPHICS, OR 3D OBJECTS
- UP TO 65,535 2D STILL/MOVIES/AUDIO FILES AND UP TO 255 VECTOR/3D OBJECT FILES
- UP TO 3600 PIXELS OF PIXEL MAPPING WITH GROUP CONTROL AND BUILT-IN MERGE FUNCTIONALITY
- MAPPING OF TEXTURES (STILL IMAGES OR VIDEOS) TO 3D OBJECTS AND DIGITAL GOBOS
- UP TO 6 FULLY INDEPENDENT OUTPUT/SUB-OUTPUT MASTERS WITH OVERALL DIMMING, COLOR, EFFECT, KEYSTONE, AND SHUTTER
- VIDEO OUTPUT VIA STANDARD COMPUTER VIDEO OUTPUTS (DISPLAYPORT/HDMI/DVI) OR THROUGH BLACKMAGIC DESIGN DECKLINK AND ULTRASTUDIO THUNDERBOLT DEVICES*
- UP TO 2 LIVE VIDEO INPUTS* - BLACKMAGIC DESIGN DECKLINK AND ULTRASTUDIO THUNDERBOLT, ACTIVE SILICON PHOENIX, QUICKTIME STREAMS, USB, FIREWIRE
- UP TO 4 NEWTEK NDI® INPUTS - RECEIVE HIGH-QUALITY, LOW-LATENCY VIDEO-OVER-IP STREAMS
- MOVIE PLAYBACK USING INDUSTRY STANDARD CODECS - APPLE PRORES, H.264, P-JPEG, & H.264/MP4
- IMAGE SEQUENCE PLAYBACK (8/16-BIT TIFF OR PNG)
- PERFECT PLAYBACK SYNCHRONIZATION BETWEEN OUTPUTS AND SERVERS WHEN USING MBOX MASTER CLOCK SYNC
- REAL-TIME CROSSFADES AND TRANSITIONS BETWEEN IMAGERY ON THE SAME LAYER WITH 60+ STOCK AND CUSTOM TRANSITIONS
- 150+ BUILT-IN 2D EFFECTS WITH ONE EFFECT PER LAYER AND ONE EFFECT PER OUTPUT MASTER - COLOR MANIPULATION, BLUR, CROP, DISTORTION, KEYING, AND MORE
- 35+ MOVIE PLAYBACK MODES INCLUDING LOOP, SYNC TO MASTER, SYNC TO TIMECODE, XFADE ON LOOP
- STEREO AND MULTI-CHANNEL AUDIO PLAYBACK WITH BOTH MASTER AND PER-LAYER VOLUME CONTROL
- INTERACTIVE SCENIC TRACKING FOR 2D SYSTEMS
- INTEGRATED CITP/MSEX FUNCTIONALITY FOR THUMBNAILS AND STREAMING VIDEO COMPATIBILITY WITH CONTROL CONSOLES AND VISUALIZERS (SUPPORTS STREAMS FROM OUTPUTS, LAYERS, AND MIXES)
- REMOTE MONITORING, CONFIGURATION, AND MEDIA SYNCHRONIZATION THROUGH MBOX REMOTE
- CONTROL VIA ART-NET, SACN, DMX*, OR BY MBOX DIRECTOR, WHICH ALLOWS ON-SCREEN PROGRAMMING AND MANUAL, TIMELINE, OR REMOTE TRIGGERING USING MIDI, OSC, SACN, OR ART-NET
- IMAGE REMAPPING - 2 CONFIGURATIONS FOR CONFIGURING PIXEL PLACEMENT, SCALE, ROTATION, AND COLOR ON A PER-LAYER BASIS. WITH REAL-TIME ADJUSTMENTS FOR EFFECTS OR SCENIC TRACKING
- SYPHON INPUT (2) AND OUTPUT (GLOBAL SURFACE AND ALL OUTPUTS)