Mbox® Designer

The Mbox® Designer software from PRG takes digital lighting to the next level with its advanced integration of video and automated lighting. Powerful real time rendering, built-in effects, and a true 3D environment provide the ultimate tools for combining pre-recorded video and still images to create stunning visual imagery. Mbox Designer is the most powerful offering in the Mbox family of software, allowing users to unlock the full potential of the Mbox product.

The Mbox Designer software can be programmed and operated directly from Art-Net or DMX512-based moving light consoles, allowing ease of coordination between video/image effects and lighting cues. It can also be run via the Mbox Director GUI application.Whether controlled by a lighting console or Director, Mbox Designer can be used both to create complex pre-programmed sequences and to apply live manipulations to existing media. Mbox's ease of use and speed of programming make it a fovorite with both designers and programmers.

Mbox Designer can be used in a variety of applications from displaying custom logos at tradeshows to incorporating subtle backgrounds for broadcast television or high intensity cueing for live performances. Mbox Designer can also be configured to output video information as Art-Net to control low-resolution LED fixtures, allowing designers to create broad strokes of color and realistic video effects.

Software & Hardware Requirements

Mbox Designer software will run on any Intel-based Apple Mac® computer (MacBook Pro, MacBook, Mac Mini, Mac Pro, etc.) using the OSX 10.6.7 or newer versions of the operating system. (PowerPC-based Mac computers are not supported.)

Features

- DUAL VIDEO OUTPUT PER SERVER WITH FIVE MODES - SINGLE, PANORAMIC WIDE, PANORAMIC DUAL, DUAL INDEPENDENT, DUAL STEREO

- SUPPORTS 4 LIVE VIDEO INPUTS* – BLACKMAGIC DECKLINK AND ULTRASTUDIO, ACTIVE SILICON PHOENIX, QUICKTIME STREAMS, USB, FIREWIRE

- ALLOWS UP TO 65,535 2D STILL/MOVIES AND UP TO 65,535 VECTOR/3D OBJECT FILES

- 12 INTERACTIVE, SCALABLE LAYERS FOR STILLS, MOVIES, VECTOR GRAPHICS, OR 3D OBJECTS

- UNLIMITED PIXELMAPPING

- MAPPING OF TEXTURES (VIDEOS OR STILL IMAGES) TO 3D OBJECTS AND DIGITAL GOBOS

- MASTER FIXTURE WITH OVERALL DIMMING, SHUTTERING, AND KEYSTONE CONTROLS

- MOVIE PLAYBACK USING INDUSTRY STANDARD APPLE QUICKTIME TECHNOLOGY

- REAL-TIME CROSSFADES AND TRANSITIONS BETWEEN VIDEOS, IMAGES, AND OBJECTS ON THE SAME LAYER WITH MORE THAN 60 STOCK AND CUSTOM TRANSITIONS AVAILABLE

- OVER 125 BUILT-IN 2D AND 3D EFFECTS WITH FOUR EFFECTS PER LAYER AND TWO EFFECTS ON THE MASTER – HUE, STAURATION, KEYING, BLURS, AND MORE.

- OVER 35 MOVIE PLAYBACK MODES INCLUDING LOOP, BOUNCE, SYNC TO MASTER, SYNC TO TIMECODE, XFADE ON LOOP AND KIOSK

- STEREO AND MULTICHANNEL* AUDIO PLAYBACK WITH BOTH MASTER AND PER-LAYER VOLUME CONTROLS

- INTERACTIVE SCENIC TRACKING FOR BOTH 2D AND 3D SYSTEMS

- INTEGRATED CITP FUNCTIONALITY FOR THUMBNAIL AND STREAMING VIDEO COMPATIBILITY WITH CONTROL CONSOLES AND VISUALIZERS

- REMOTE MONITORING, CONFIGURATION, PLUS MEDIA SYNCHRONIZATION WITH THE USE OF THE MBOX REMOTE SOFTWARE

- CONTROL VIA ART-NET, DMX*, OR BY GRAPHICAL USER INTERFACE – MBOX DIRECTOR WHICH ALLOWS ON-SCREEN PROGRAMMING AND MANUAL, TIMELINE, OR REMOTE TRIGGERING USING MIDI, OSC, OR ART-NET RECALL

- PIXEL REMAPPING – 256 CONFIGURATIONS SELECTABLE IN REAL-TIME FOR CONFIGURING PIXEL PLACEMENT, SCALE, AND ROTATION. WITH REAL-TIME ADJUSTMENTS FOR EFFECTS OR SCENIC TRACKING.

- SYPHON INPUT AND OUTPUT

- 3D PROJECTION MAPPING – 3D ENVIRONMENT WITH POSITIONABLE VIEWPOINT, OBJECTS, AND PERSPECTIVE FOR 3D PROJECTION WITH OBJECT POSITION TRACKING.