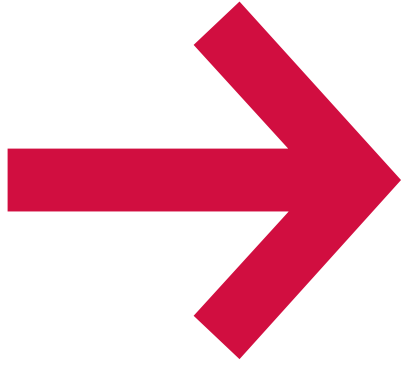
MBOX EXTREME®
MEDIA SERVER



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Mbox EXtreme® v3 Media Server takes stunning visual imagery and effects to the next level while offering all the features and functions that made the original Mbox EXtreme® an industry standard. Its increased speed, streamlined user control, brand new hardware, and enhanced input and output options are just a few reasons why this powerful tool is the cutting edge of creative content control today.

POWERFUL HARDWARE

Mbox EXtreme v3's compact hardware configuration has been engineered to address the ever-expanding demands of digital imagery and the faster processing required to stay ahead of the curve. The blazingly fast power of an Apple® 8-core Mac Pro computer paired with a custom Dual I/O module that provides two discrete outputs for each server comes standard in a rugged road case complete with a UPS, Auxiliary Input panel, keyboard, and trackball. To prevent the display of unintended signal, the I/O module's Program Monitor function stops any video output when the Mbox EXtreme application is not running in full screen mode.

FLEXIBLE CONTROL

Mbox EXtreme v3 works seamlessly with up to twelve layers of content, which can be displayed simultaneously to give users powerful and flexible control. Layers can be any combination of 3D objects and 2D textures, and users can transition both 2D and 3D content on the same layer – simplifying cueing and playback and making 12 layers on the Mbox Extreme server the effective equivalent of 24 layers on another server. With 1080p playback, Mbox EXtreme v3 easily meets HD content resolution needs, and it can play back embedded audio tracks from selected movies or any standalone stereo AIFF files complete with volume control.

CHOICE OF INPUTS

Creative digital imagery comes in many different formats so Mbox EXtreme v3's software can handle up to two local video inputs, including one input via a DeckLink HD Extreme capture card with inputs (HD/SD-SDI, component, or composite) up to 1080p and a second input using FireWire/USB DV. All video inputs can be de-interlaced on the fly. Mbox EXtreme v3 also includes SMPTE and MIDI timecode inputs for syncing movie playback.

CREATIVE OUTPUT

Mbox EXtreme v3 can output creative content in a variety of ways. In addition to the DVI, RGBHV, and SD/HD-SDI stage outputs, both of the Dual I/O module's outputs have a DVI preview output. No additional hardware is required for the SDI output. As well as the single output mode, Mbox EXtreme's three dual output modes – Wide Panoramic, Dual Panoramic, and Dual Independent – enhance creative flexibility. Having two panoramic modes make it easy to move content from one screen to another and to arrange it in either landscape or portrait modes.

Both panoramic modes allow for the addition of a center blend, and the Dual Panoramic mode adds separate shuttering and keystone corrections for each output. Dual Independent mode provides two fully independent outputs, with no overlap – up to six layers per output.

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The Mbox EXtreme® v3 Media Server is just one of PRG's proprietary products. Please contact us to learn more about our entire line of products, our approach to R&D and **see what we can do** specifically for you.