

MA Lighting VPU Plus Video Processing Unit

Would you like to use video technology as a new or additional design element for your lighting show? And do you like to control it as fast, smooth and easy as possible? Just like adding any other lighting fixture?



If you already know the GrandMA system there is almost nothing new you have to learn. The whole operation relies on the well established MA philosophy and is highly intuitive. You will instantly feel familiar with the MA VPU, even if you never have used video before.

Thanks to the power of the MA VPU you can display all your videos in Full-HD (MA VPU plus: 1,080p). Furthermore the internal output synchronization of the MA-Net2/MA-Net ensures the highest frame and DMX synchronicity.

To scale your video to any size desired by your own imagination just use the valuable horizontal and vertical softedge blending, the keystone correction and enjoy expressive show designs you have never seen before. Size doesn't matter anymore. More than that the MA VPU offers a convenient 3D keystone functionality and enables you to fit your content to any 3D objects, regardless of size and shape.

Use frame interpolation and smooth speed control to adjust the playback speed.

Beyond that there is a myriad of functions, features and effects available like frame blending, color boost, dynamic color key, contrast, brightness, hue, saturation as well as blur, sepia, black/white, ocean and invert. All of them can be easily accessed and are self-explanatory in their use. Combinations of video and still images can be mixed and controlled, and JPEG images and standard windows bitmap images such as .bmp as well as .gif are supported.

Via the console, the MA VPU can also be programmed in blind mode. Up to 32 3D-video-layers help to realize your ideas.

Based on the rock-solid technology of MA Lighting, the MA VPU Plus offers extreme reliability,

are optimized for transportation, longevity and on-the-road use, as well as for fixed installations like theatres, TV studios etc.

Finally each MA VPU comes with a pre-installed content library comprising more than 17GB of professional HD- and SD video content.

- Timesaving – thanks to familiar operation and easy access
- Plug & play for instant start
- Best hardware components for outstanding performance and rock-solid reliability
- Efficient backup solution
- Fast and simple programming and control via any GrandMA2 and GrandMA 'series 1' console
- 2 versions to suit all needs: MA VPU plus and basic
- 2 individual Full-HD (1,080p) outputs
- Professional effects + write your own effects and import them
- 17GB content library pre-installed
- Advanced pixelmapping functionality
- 2 live full High Definition HD-SDI video inputs w/1 frame latency
- Sound playback
- Convenient 3D keystoneing & softedging
- Up to 32 3D-video-layers
- Supports blind-mode programming
- Highest frame and DMX synchronicity