PROXIMA 4040

Compact Media server

Perform flawless video mapping up to 4x4K

waves system

Work with Proxima composer remotely.

Access the composer from your laptop and leave the server in the ceiling or in the technical bay. The 4 video outputs remain dedicated to the mapping tuning.

Perform amazing video mapping.

Import your videos, create your masks and shaders, Adjust your grid, create soft edges and broadcast your show on 4 HDMI outputs. Immerse your audience with 8 audio channels (Q2 '24).

Automate broadcast

Control the media server with UDP protocol to wake-up, standby and to start new sequences.

No Compromise on power

PROXIMA 4040 is boosted with the last graphic cards in the market and embeds 1200mm fans to maximize heat dissipation.

Save time with our user friendly composer

Don't lose time with complex interfaces, go to the essentials. We have dedicated 10 years to make the composer every day more intuitive.

We have your back

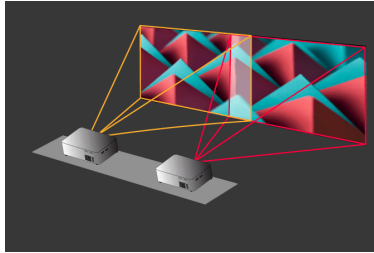We support your project from the idea to the after sales.

USE CASES:

Video mapping installations in museums, theme parks, retail and immersive rooms.

Multiscreen application.

Artistic performance.

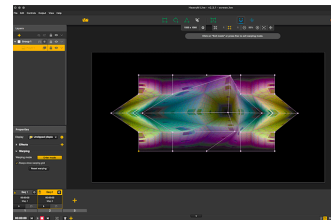Immersive digital signage.

PROXIMA 4040

Multi projection and edge blending

Handle 4 video outputs. Merge video projectors with edge-blending features to broadcast your creations on a large scale.

Handle without constraints

Don't spend hours creating a video on your 3D volume. Use built-in warping features to warp your video on the fly.
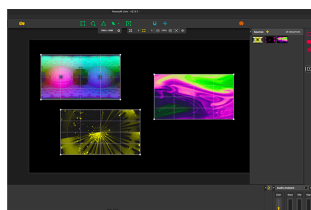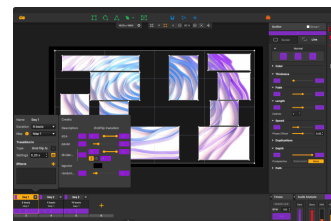

Organize your project in sequences

Combine them with beautiful transitions. Activate sequences whenever you want or schedule it with high precision.

OSC / DMX Controls

Control via any protocol. Setup the link to external controllers with the interface-learning configuration or the integrated API (OSC).

Manage several inputs at the same time

Import all your media, organize them and broadcast at the same time.

Mapping	• Positioning, rotation, scaling, snapping, cropping, managing the opacity of display areas and masks	• 15x15 warping and real-time media slicing • Ability to import own shaders
Blending & Warping	• 4 corner warping, and up to 15 x 15 per video output • Edge blending in horizontal or vertical	• Generation of a calibration grid • Orientation 0°, 90°, 180°, 270°
Containers & Codec	• .mp4 / .mov / mkv • .jpg / .png / .tiff • .wav / .mp3	• HAP • H.265 / H.264 • Motion JPEG

Control & Interactivity
- Unlimited number of interactive playlists and sequences
- Control through keyboard, UDP (OSC) and Art-Net protocols
- Configuration through a remote web administration
- Composer remotely accessible on the local network

OS & licence
- Debian 12 "bookworm"
- Lifetime license

Interfacing & connectivity
- 4 DisplayPort™ 1.4 with DSC outputs, up 4x @3840x2160px (4K), 1x @ 7680x4320px (8K)
- Power switch and clear CMOS buttons
- Stereo audio output on a standard 3.5 mm (TRS) jack
- 1 S/PDIF optical output, TOSLINK receptacle connector
- 2x 1 Gbps Ethernet on RJ45 connector with status LEDs (Network, Activity)
- 4 USB Host 3.2 Gen 1, type-A receptacle for HID mouse, keyboard and Audio Class 2.0
- 2 USB Host 3.0 High Speed (5 Gbps), type-A receptacle in front panel
- Optional Blackmagic Design DeckLink Quad HDMI Recorder

Hardware
- AMD Rizen 9 Processor
- Motherboard supporting 2 GPU at X16
- Pro grade graphic card AMD Radeon Pro 6600

Storage & Memory
- 1 TO SSD NVME M.2
- 2x16 GB SO-DIMM DDR5 5600MHz

Network
- OSC API & Embedded UDP /OSC server for video control
- Wake On Lan
- Embedded TCP /IP server for server shutdown (Q2 '24)
- Input NDI stream: RGB, RGBA, BGR, BGRA and UYVY, unlimited resolution, max 60fps
- Output NDI stream: RGBA, canvas resolution, max 60fps
- Embedded NTP client to synchronize the clock
- IPv4 and IPv6
- IPv4: static or DHCP address

Misc.
- AC Power supply 100V-240V/9-4.5A /50-60Hz
- 19-inch / 4U rackable
- Width: 440 mm - Depth: 468 mm - Height: 176 mm
- Weight: 13.9 Kg
- CE, FCC