

PROXIMA 4020

Compact Media server

Perform flawless video mapping up to 2xWUXGA



Work with Proxima composer remotely.

Access the composer from your laptop and leave the server in the ceiling or in the technical bay. The 2 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 2 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.

Save room and cables with our compact server.

With its small form factor PROXIMA 4020 can be easily installed near projectors.

Save time with the most 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 fitness.

Multiscreen application.

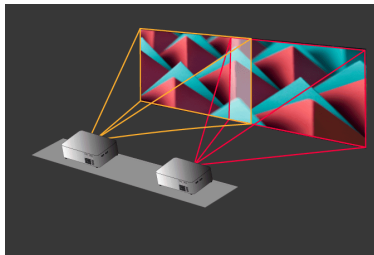
Artistic performance.

Immersive digital signage.



waves system

PROXIMA 4020

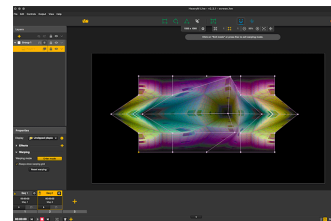


Multi projection and edge blending

Handle 2 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.

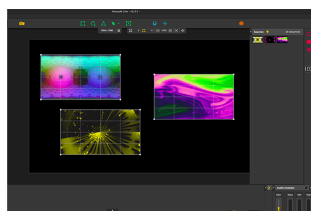
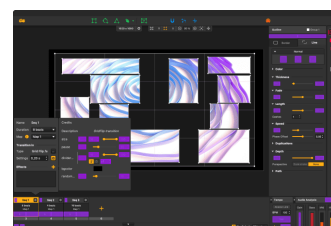


Organize your project in sequences

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
- H.265 / H.264
- HAP
- Motion JPEG
- Apple ProRes

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

- Debian 12 "bookworm"
- Lifetime license

Interfacing & connectivity

- 2 HDMI 1.4 audio/video outputs, type-A receptacle connector (up to 2xWUXGA@60Hz)
- Power switch and clear CMOS buttons
- Stereo audio output on a standard 3.5 mm (TRS) jack
- 2.5 Gbps Ethernet on RJ45 connector with status LEDs (Network, Activity)
- 1 Gbps Ethernet on RJ45 connector with status LEDs (Network, Activity)
- 1 USB Host 4.0 Super Speed (10 Gbps), type-C receptacle
- 1 USB Host 3.2 Gen 2 Super Speed (10 Gbps), type-A receptacle for HID mouse, keyboard and Audio Class 2.0
- 2 USB Host 2.0 High Speed (480 Mbps), type-A receptacle

Storage & Memory

- 500 GB SSD NVME M.2
- 16 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.

- DC Power supply 19V/6.32A - Plug \varnothing 2.1 mm / 5.5mm
- 19-inch / 1U rackable
- Width: 117,5 mm - Depth: 110 mm - Height: 47,85 mm
- CE, FCC