

Hippo Criticter

Technical Data Sheet

Updated Dec 2012 for Software Version 3.2

Main features

- Single output at 1024 x 768 or 1280 x 720
- Class leading video playback and real-time rendering
- 4 media layers (+4 mask layers)



The HippoCriticter

Don't let the diminutive size of the HippoCriticter fool you. It's a powerful performer in a compact 1U rackmount casing and boasts a feature set unrivalled in such an affordable package.

Being the baby of the Hippotizer range doesn't compromise features and flexibility. Four layers of standard definition media, RegionMapper, VideoMapper and UberPan compatibility, Presets and XFade on Layer means HippoCriticter will provide a wealth of options to lift your show to new levels.

A built in composite input and rugged industrial chassis means HippoCriticter will work harder for your event than any other compact server available today. The option of a custom patch panel provides professional connections and flexible racking configurations.

Unlimited PixelMapper universes and a suite of related software tools also make HippoCriticter a phenomenal DMX mapping solution at an affordable price.

HippoCriticter: It's a Baby Giant.

- PixelMapper with unrestricted number of output universes
- 1U rackmount case
- Optional patch panel for professional connections
- 2 FX engines per layer - 100+ effects per FX engine
- Frame accurate synchronisation across multiple servers
- Media Manager with live media updating and WatchFolders
- ScreenThief for Ethernet video capture
- Keystone and ScreenWarp for non-linear projection surfaces
- Soft-edge blending
- Timeline for stand-alone operation
- HippoNet
- External control via DMX / MIDI / TCP-IP / OSC / RS232 / MaNet
- High performance 3D show visualisation integration via CIP and HMap2
- Map to the most complex screen setups using RegionMapper and the award winning VideoMapper
- Create stunning multi-screen shows with UberPan controller driving upto 4 render modes
- New visual presets applicable across all layers
- XFade - Seamlessly switch between clips

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Green Hippo is constantly improving its product range, so specifications are subject to change.



Hippo Critter Rackmount

Physical

Dimensions: Unit 480 x 307 x 45mm (18.9 x 12.1 x 1.8 inches)

Boxed For Shipping: 560 x 410 x 160mm (22.0 x 16.1 x 6.3 inches)
(WxLxH)

Weight: Unit 5.88kg (13.0lbs)
Unit-Boxed with accessories 7kg (15.4lbs)

Case Type: 1 U 19" Rackmount

Environmental Tolerances:

Operating Temp. Range: 5° - 35° C (40° - 95° F)
Humidity: 5% - 95% (non condensing)
Altitude: 0-8850ft (0 - 2700m)

Hardware

Voltage: 108 - 240v 50-60Hz Auto Switching

Power Consumption: 2.0 amps

Media Drives: 1

Total Media Storage Space: Over 50h SD content

Pro-Connectors / Breakout Panels: Optional

Inputs and Outputs

Outputs: Single output using VGA / RGBHV and DVI
Control outputs using RS232, Ethernet control, DMX over Ethernet and HippoNet

Max Output Resolution: 1 output upto 1920 x 1080

Video Inputs: Single Composite, ScreenThief Ethernet Capture

Audio, Control & Patching

Audio: Audio playback on separate layers, Volume and balance control, Multi-channel audio playback and Master volume control *

Control: RS232, Midi*, DMX over Ethernet and TCP/IP, OSC, DMX512* and MaNet

Patching: Basic patching of DMX, Midi and RS232, Midi 'Learn' patch, Diagnostics

*Yes - requires optional interface

Media

Supported Media Formats: Quicktime, MPEG1, MPEG2, AVI, DIVX, Windows Media, MPEG4, DV, PNG, JPEG, BMP, TIFF, TGA, Image sequences

Maximum Media Size and Playback Resolution:
1280 x 720 / 1024 x 768 on 2 layers
720 x 576 on 4 layers

Maximum Number of Media Layers: 4 (+ 4 x mask layers)

Media Management: Remote media upload, Automatic media conversion, Drag & drop media upload and mapping, Live media update, Media thumbnails, 256 media groups, 256 clips per group, Network synch, Show backup

Media Playback: Inter-frame blending for super slow motion, Inpoint and outpoint adjustments, Playmodes (loop forward, loop backwards, once forwards, once backwards, ping pong, random, pause, rewind on Level 0), Sync to Hippotizer, Sync to Timeline, Alpha channel support, Media generators (rain, snow, clouds, starfields etc), Text Engine and Audio mix playback mode

Media Manipulation: Geometry control, Colour control (basic & advanced), 16 mix modes, 10 digital effects engines, Up to 9 effects parameters per layer, Transitions, Effects / Transitions editor

Show Programming: Unlimited Groups, Presets, Tracks and Timelines, Timeline copy and paste, Fadecurve editing, Timeline Logic, Cue Controller, Control non Hippotizer devices from Timeline, SMPTE and MTC synchronisation, Fast drag & drop playlist per layer

Show Pre-visualisation: HMap2 and CITP for streaming real-time output via local network.
Compatible visualisers: Light Converse, WYSIWYG, ESP Vision, Capture

Components

UberPan: Link in as slave, 12 slave (outputs) when used as Master, Virtual Media Manager, Media synchronisation, Media splitting, Canvas splitting, Support for 4 canvases and configurations

RegionMapper: Fast and intuitive quick add mode, Flexible source and destination mapping, Multiple regions, Warping support, Multiple output support, Multiple map support

PixelMapper: No software limitations on number of output universes, Fixture designer, Personalities for fixtures included, Drag and drop mapping interface, Flexible source mapping, Full Kinet Tier 2 and Artnet auto discovery

XFade: Transition between content on same layer, Transition time, Fade only source

Timecode on layer: Assign Timecode to individual layers, SMPTE and MIDI, Shift Timecode for relays, Offset Timecode for individual timelines

Other Components:

VideoMapper
Scheduler
Automation tracking
LiveMask
HMap & CITP
Pinbridge Plus
TelNet Control
OSC
Colour Correction
BeatBridge
Text Engine
Synco Component

- Map LED tiles in any orientation with intuitive drag & drop interface
- Trigger Timelines or events from a clock
- Follow scenic stage elements
- Draw masks directly into any layer
- Lighting console and visualiser integration
- Remap and group control pins -now with scripting
- TCP/IP interface to HippoNet
- Open Sound Control interface
- Full Gamma curve control of the outputs
- Audio analysis
- Import and display full text files
- Synchronise media players

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