

# Hippo Critter

America's Favorite Media Server



Hippotizer media servers are recognized as the world's best solution for real-time video playback, manipulation and effects. With powerful network functionality, a flexible media database with automatic sync between systems, and multiple control options, HippoCritter, the Baby of the family, is a powerful ultra-compact performer in a rugged 1U rackmount chassis. Unlimited PixelMapper universes also make HippoCritter a phenomenal DMX mapping solution.



## HippoCritter Features

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- VideoMapper – a simple solution for mapping multiple video displays
- Live Mask – for creating on-the-spot masks and masking effects
- New! Optional integrated Parrot™ EDID management functionality
- Advanced color-correction component for matching in a multi-blended system
- UberPan – multi-output single-canvas system w/automatic media splitting & distribution
- Smooth, intra-frame blended slow motion
- 16-bit Pixel-Mapping
- Supports 8-channel audio playback
- Supports automation links to all major manufacturers
- DMX2 – for creating user-configurable DMX personalities



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## Physical physical specifications

Dimensions: (WxLxH)  
12.2 x 18.5 x 1.8 inches (310 x 470 x 45mm)

Weight: 5kg

Case Type: 1U 19" Rackmount  
Custom, protective enclosure - designed for the road with replaceable connectors option

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

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

## Hardware hardware specifications

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

Power Consumption: 2.0 amps

Media Drives: 1

Total Media Storage Space:  
Over 50 hours SD content

Pro-Connectors/Breakout Panels:  
Optional

## Audio & Patching audio & patching

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

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

\*Requires optional interface

## Input/Output input/output specifications

Video Output: Single DVI-I ouput

Max Output Resolution: 1 output @ 1920 x 1080

Control Outputs:  
RS232, Ethernet, ArtNet and HippoNet

Video Inputs:  
Single composite, ScreenThief Ethernet Capture

Control Inputs: RS232, Midi\*, ArtNet and TCP/IP, OSC and DMX512\*

\*Requires optional interface

## Components components

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

VideoMapper:  
Tile Wizard, Intuitive drag & drop interface Independent scale and rotation for each tile, color correction per tile, up to 255 VideoMaps with instant switching

TextManager:  
Import full text files, Quick text, Any font and size, Unicode support (non standard character set i.e. Chinese or Swedish), Animation and Image support

UberPan:  
Link in as slave, 4 slave (outputs) when used as Master, Virtual Media Manager, Media synchronization, Media splitting, Canvas splitting, Support for 1 canvas & configuration

Other Components:

- Live Mask** - draws a mask directly into any layer / the master ouput
- BeatBridge** - Audio analysis
- Color correction** - Full Gamma curve control of outputs
- ToolBox** - Remote wakeup & shutdown of units
- Chat** - Communicate with other crew members
- HippoSnapper** - Grab layers or output and save as image
- Scheduler** - Trigger timelines or events from clock
- HMap2 & C1P** - Lighting console and visualizer integration
- PhatController** - Control external devices via RS232 or TCP/IP

## Media media specifications

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

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

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, Color control (basic & advanced), ScreenWarp, Keystone, Edge-blending, 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 synchronization, Fast drag & drop playlist per layer

Show Pre-visualization:  
HMap2 and C1P for streaming real-time output via local network. Compatible visualizers: Light Converse, WYSIWYG, ESP Vision (coming 2011), Capture

- OSC** - Open Sound Control interface
- PinBridge** - Remap and group control pins
- TelNet Control** - TCP/IP interface to HippoNet
- Automation tracking** - Follow scenic stage elements
- Synchro Component** - Synchronize media players