

# HIPPOTIZER BOREAL



## The new standard



4 Native Outputs  
(DisplayPort, DVI,  
DVI\_DL, DVI Genlock  
and SDI)



EDID Management



Stereo XLR Audio in and  
out with isolation and  
earth lift



2x optional internal  
Capture cards

With four DVI or HD-SDI outputs, Hippotizer Boreal is designed for the rigors of life on the road. All video outputs are EDID managed with dedicated hardware to ensure easy set up and operation in any environment. Each output includes a second parallel connection to enable local monitoring.

## Key Features



### Multiple outputs

A range of native outputting options including SDI, DisplayPort, DVI and DVI Genlock.



### 3D Mapping

A complete, intuitive, 3D Projection Mapping toolset with SHAPE.



### Visualisation

Full resolution 3D visualisation tool to pre-program your project.



### Media Management

Multiple options for viewing encoded media's size, mapping locations and other key attributes.



### HippoNet

Built-in networking protocol connecting all Hippotizer's together and managed by our free software management tool, ZooKeeper.



### MultiController

Lighting desk and third party visualiser integration with CITP with added support for sACN



### PixelMapping

The modern approach to showing video across lighting fixtures with advanced protocol support and huge outputting power.



### Removable Solid State Drives

Brings a common removable solid state drive system to Hippotizer V4, making plug and play easy.

## Hardware

Every V4 system features front panel indication of system status, as well as removable hard drives as part of the STRATA Caddy System. Inside, Hippotizer V4 includes all Solid State Drives as standard and the latest graphics technology to deliver unmatched performance.





# HIPPOTIZER BOREAL

## Output Specifications

	BOREAL DVI-DL	BOREAL DP	BOREAL SDI
Production Video Outputs	4	4	4
Production Output Connector (s)	4 x DVI-DL	4 x DP 1.2	4 x 3G-SDI
Max Resolution per DVI output ***	3840 x 1200		
Max Resolution per DP output		4096 x 2160	
Max Resolution per SDI output			2048 x 1080
Video Splitter Support	Yes	Yes	No
Additional Control outputs (ZK)	2 x DVI	2 x DVI	2 x DVI
Genlock	Yes	Yes	Yes

## Software Specs

	BOREAL DVI-DL	BOREAL DP	BOREAL SDI
Max mixes	12	12	12
Layers per Mix	16	16	16
4K playback*	upto 6	upto 6	upto 6
HD playback*	upto 32	upto 32	upto 32
Software Update Period****	3 Years	3 Years	3 Years

## Hardware Specs

	BOREAL DVI-DL	BOREAL DP	BOREAL SDI
Video Capture*****	Yes: 2 Cards	Yes: 2 Cards	Yes: 2 Cards
Media Storage	1400GB Solid State	1400GB Solid State	1400GB Solid State
Media Storage Speed	3000 MB/s	3000 MB/s	3000 MB/s
HippoNet Network	10Gb EtherCon	10Gb EtherCon	10Gb EtherCon
Data Network	1Gb EtherCon	1Gb EtherCon	1Gb EtherCon
Audio Input Connections	2 x XLR	2 x XLR	2 x XLR
Audio Output Connections	2 x XLR	2 x XLR	2 x XLR
MultiChannel Audio Support	Via USB	Via USB	Via USB
Hardware EDID Management			Yes
Software EDID Management	Yes	Yes	
Optional Touch Screen	Yes	Yes	Yes
Optional Redundant PSU	Yes	Yes	Yes
SMPTE Timecode In	Optional	Optional	Optional

	BOREAL DVI-DL	BOREAL DP	BOREAL SDI
Size (mm) L/W/H	630/425/175	630/425/175	630/425/175
Size (mm) L/W/H With Rack ears	670/480/175	670/480/175	670/480/175
Size (RU)	4U	4U	4U
Unit Weight	24Kgs	25Kgs	25Kgs
Power Input	PowerCon True1	PowerCon True1	PowerCon True1
Voltage	100-250V 50/60Hz Auto Sense	100-250V 50/60Hz Auto Sense	100-250V 50/60Hz Auto Sense
Power Consumption	1100VA	1100VA	1100VA
Mounting	Front and Rear Ears Included	Front and Rear Ears Included	Front and Rear Ears Included
Rack Drawer Compatible?	Yes	Yes	Yes

\* For reference only. Tested with 30FPS FlexRes Performance Codec. Numbers of Layers, Mixes, Viewports, and other processing (such as SHAPE) may result in less

\*\* Number of Outputs to use at once software limited

\*\*\* Maximum resolutions at 60Hz. Higher resolutions may be possible at lower frame rates

\*\*\*\* Time from date of purchase or 1/10/15; whichever is later where updates to new Hippotizer V4 software is free of charge.

\*\*\*\*\* Specify at time of purchase.