

HIPPOTIZER KARST



Unparalleled power and flexibility



2 DVI, HD-SDI or DisplayPort outputs



2x removable drive bays using the STRATA Caddy system



Genlock optional



1x optional internal Capture card

A host of customisable output and capture options ensure that the Hippotizer Karst can fit into a multitude of different roles. Featuring a total of 3 outputs (2 on DisplayPort version), as well as two ZooKeeper monitor outputs, this highly specified server can drive the most demanding shows with ease.

At only 2 rack units high, the Hippotizer Karst packs 4 output options from two HD-SDI or DVI outputs into a very small space while the third DisplayPort 1.2 connection offers the ability to drive 4K displays with a single cable as well as a 2x DisplayPort 1.2 option.

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 KARST

Output Specifications

	KARST DVI-2	KARST SDI-2	KARST DVI GENLOCK	KARST DP
Production Video Outputs	3	3	3	2
Production Output Connector (s)	2x DVI-DL, 1x DP 1.2	2 x 3G-SDI, 1x DP 1.2	2 x 3G-SDI, 1 x DP 1.2	2 x DP 1.2
Max Resolution per DVI output ***	3840 x 1200			
Max Resolution per DP output	4096 x 2160	4096 x 2160	4096 x 2160	4096 x 2160
Max Resolution per SDI output		2048 x 1080		
Video Splitter Support	Yes on DP and DVI	Yes on DP	Yes on DP	Yes
Additional Control outputs (ZK)	1x DVI, 1x DP 1.2	1 x DVI, 1 x DP 1.2	1 x DVI, 1 x DP 1.2	2 x DP
Genlock	No	Yes	Yes	Yes

Software Specs

	KARST DVI-2	KARST SDI-2	KARST DVI GENLOCK	KARST DP
Max mixes	8	8	8	8
Layers per Mix	16	16	16	16
4K playback*	upto 4	upto 4	upto 4	upto 4
HD playback*	upto 20	upto 20	upto 20	upto 20
Software Update Period****	3 Years	3 Years	3 Years	3 Years

Hardware Specs

	KARST DVI-2	KARST SDI-2	KARST DVI GENLOCK	KARST DP
Video Capture*****	Yes: 1 Card	Yes: 1 Card	Yes: 1 Card	Yes: 1 Card
Media Storage	500GB Solid State	500GB Solid State	500GB Solid State	500GB Solid State
Media Storage Speed	400 MB/s	400 MB/s	400 MB/s	400 MB/s
HippoNet Network	1Gb EtherCon	1Gb EtherCon	1Gb EtherCon	1Gb EtherCon
Data Network	1Gb EtherCon	1Gb EtherCon	1Gb EtherCon	1Gb EtherCon
Audio Input Connections	via USB	Via USB	Via USB	2Via USB
Audio Output Connections	2 x XLR	2 x XLR	2 x XLR	2 x XLR
MultiChannel Audio Support	Via USB	Via USB	Via USB	Via USB
Hardware EDID Management	Yes	Yes	Yes	Yes
Software EDID Management				

Optional Touch Screen

Optional Redundant PSU

	KARST DVI-2	KARST SDI-2	KARST DVI GENLOCK	KARST DP
SMPTTE Timecode In	Optional	Optional	Optional	Optional

	KARST DVI-2	KARST SDI-2	KARST DVI GENLOCK	KARST DP
Size (mm) L/W/H	600/425/90	600/425/90	600/425/90	600/425/90
Size (mm) L/W/H With Rack ears	630/480/90	630/480/90	630/480/90	630/480/90
Size (RU)	2U	2U	2U	2U
Unit Weight	16Kgs	16Kgs	16Kgs	16Kgs
Power Input	PowerCon True1	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	100-250V 50/60Hz Auto Sense
Power Consumption	500VA	500VA	500VA	500VA
Mounting	Front and Rear Ears Included	Front and Rear Ears Included	Front and Rear Ears Included	Front and Rear Ears Included
Rack Drawer Compatable?	Yes	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.