

Hippotizer installation notes

Version 3.0.13b

revision 5952:
installers:
Hippov3 3.0.13b
ZooKeeper v3.0.13b

Known issues:

- running out of video memory by using highres images and videos on many layers can cause the system to hang
- MIDI import / export doesnt work

Repaired in this version

Installer:

- fix: It prompts to update the windows installer, even though it doesn't.
- fix: ZooKeeper installer contains files that are not required ('bin' folders).

MediaPlayer:

- fix: Audio controls are grayed out

Zookeeper:

- fix: ZooKeeper has random window stating 'No connection to target'

Other:

- fix: In Cue Controller the progress bar on the cue with action play behaves strangely
- fix: Cannot control audio using DMX, DMX only mapped 48 channels
- fix: No Audio controls are available in simple mode
- fix: HMap2 component doesn't function correctly (Thumbnails do not get updated).
- fix: LCD component crashes engine when trying to change IP address.
- fix: LCD component displays incorrect version
- fix: Live Video input does not work when in simple mode.

- new: Dual DVI input card
- new: Increase resolution limit of 'Crittter dongle to 1280x768

Version 3.0.13

revision 5782:
installers:
Hippov3 3.0.13

Known issues:

- running out of video memory by using highres images and videos on many layers can cause the system to hang

- MIDI import / export doesnt work

New and repaired in this version

New Features:

- HD-SDI + DVI Inputs (new high performance input cards)
- Colour Correction
- Dual and Triple Head 2 Go support
- Cue Controller
- Factory media flag

MediaPlayer:

- Improved Robustness

FacMedia:

- fix: If the engine / media manager is running when Facmedia is used, nfo files are not updated
- fix: Deleting a mixture of facmedia protected and non protected files does not work correctly
- new: Improved usability by adding a folder structure of the media

Media Manager:

- fix: media manager does not import .mov if in fullscreen
- fix: Long clip causing layer lockup
- fix: .mov file with transparency is reduced in height when imported into media manager.
- new: encoder supports MP4 video files
- new: synchronise media in media map only

Installer:

- new: On HD installer asks for case type. If new then it adds the LCD component.
- new: ZooKeeper installer checks if already installed with "hippo v3" installer

Other:

- fix: Alpha transparency on non HD system if it is not PAL
- fix: DMX issues when configuring while DMX packets are being received
- fix: Generic improved stability with all input cards
- fix: Stage PAL with Alpha encoding too big
- fix: Previewing Media in Media Manager - getting the correct media folder
- fix: Adding a component does not work via Advanced tab
- fix: Aspect ratio on Engine Output settings
- fix: Component with no name causing a crash
- new: Pan Clone Mode
- new: Vertical Pan Mode (ATI control does not support this, needs non-ATI version)
- fix: Selecting specific Adapter sometimes goes wrong
- new: Implement PRG Series 400 Artnet Extensions
- fix: Double Click in HippoNet Overview doesn't open layer GUI
- fix: Double Click reset doesn't work with foreign language packs
- fix: specific settings crash pixelmapper
- fix: Offline machine causes McFTP sync to crash
- fix: ZooKeeper freezes when resizing window when uploading long clips.
- fix: problem with exporting Screen Warp settings
- fix: Have 2 ScreenWarps with the same name
- new: Multiple Targets for Midi2
- fix: Simple mode run under DMX control
- fix: Help menu on ZooKeeper does nothing. Now it refers to the manual.
- fix: Cancel button on Engine Settings does nothing

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- fix: Engine layout overview incorrect
- new: screenwarp selection on timeline is a drop down list now
- new: Expiry date on media is encrypted
- new: Volume and balance audio control added on Layer Player Controls
(Note: the volume/balance controls are not controllable by timeline)
- new: Midi2 feedback added.
- fix: Media Map not always gets synchronized on synchronization
- fix: Capturing via DVI card has low FPS/refresh rate.
- fix: Zookeeper install can corrupt Hippotizer installation.
- fix: .mov file with transparency is reduced in height when imported into media manager.
- fix: Audio Track Does Not Stop When Clip Changes

Version 3.0.12

revision 4688 (RC 3783):
installers:
Hippov3 3.0.12 rev 4688

IMPORTANT !!

Hippotizer Version 3.0.12 uses a completely different file format for it's media and for it's timelines, as such it is important to note that when you upgrade to version 3.0.12 all your media will be renamed, this will be done automatically so you will not see any difference from the outside, but this does mean that you WILL NOT BE ABLE TO GO BACK TO VERSION 3.0.11 !

If you are unsure, make a backup of c:\hippotizerv3 and d:\v3media so that you can go back if necessary, and simply delete these backups once you have a working 3.0.12 system.

Known issues:

LCD device / LEDs:

- go off after installation
Resolution: Is fixed, please see the 3.0.12 LCD Patch on the ftp. Copy files to c:\hippotizerv3\ and your leds will be on permanent green.
- CrystalFontz message when hippo is not running
Resolution: Fixed. Use the LCD flasher in the same patch. Run while Hippo is not running and it will update the firmware to a new default message.

Simple Mode not available:

- if you install 3.0.12 rev 4688 and use "update current settings" then simple mode will not be available. Instead use "delete all current settings" to get simple mode.

Output configuration:

- Pan MOde resolution Bug: sometimes not all Pan mode resolutions are available and when using the Control centre Hippo goes into clone mode instead of Pan mode.
Work around: USE Catalyst Control Centre and go manuallt to horizontal pan mode and then to clone mode and then back to default extended mode. After this sequence all resolutions should be available.

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Please note: Going into pan mode is a 2 stage process. First you need to change the graphics mode and then select the output resolutions. Currently there is not much user feedback.

Critter:

- some media files don't encode while in fullscreen mode. Works fine in windowed mode.

Documentation

- DMX chart is up to date (v3.0.12)
- Documentation not yet updated to be up to date (v3.0.12)

New and repaired in this version

Timeline:

- new: insert timeline into timeline
- fix: sorting of timeline (10 after 9)
- new: remembers name of tracks even when offline
- new: shift time to shift cues back or forth
- fix: unlimited timelines in Express
- new: delete all on track
- new: track colours for easier identification
- new: Added blocking cue record functionality to timeline to allow recording of current values to any part of timeline
- new: Added warning on timeline import to avoid mistakes and accidental erasure of timelines.
- new: Added diamonds feature to timeline to allow quick selection / move / delete / group of multiple events at one time on the timeline.
- new: Created Tltriggerlist basic version (aka wintukcontroller) to allow comfortable playback of timelines from simple "go" style interface.
- new: on import presets and timelines are renamed to avoid duplicates.
- new: Added option to not export timeline presets to be able to create templates.
- fix: Complete re-write of timeline data system from xml to binary to speed up all timeline operations including import/export/opening and closing, now runs much faster and resolves any problems related to running out of memory
- new: Added a tracker line to top of timeline to show what time mouse cursor is at for adding events.
- fix: Corrected operation of "snap" feature on timeline and set default to 0.5 seconds.
- new: Made command track in timeline a normal track so can now be grouped, included with diamonds, copied and included in "insert timeline"
- new: Added ability to zoom timeline scale by holding down shift and using mouse scroll wheel, releasing shift moves tracks up and down.
- new: Added ability to "Record Current Values As Snap" to be able to record an instant change on the timeline, useful for resetting layers or prepping layers for the next scene with only one event.
- new: Added ability to "Insert Following Values" similar to insert previous values but uses the values of the next event instead of the previous one.
- new: Added ability to move play head forwards and backwards by using the arrow keys.
- new: Added ability to move play head in Timeline to "Next Event" by holding down shift key and using left/right arrow keys.
- fix: Fixed Bug where diamonds would not snap to correct values when snap was turned on.
- new: Added "Clean Timeline Data" function, this goes through a timeline and removes any unnecessary events and makes the timeline much simpler automatically.

Presets

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- fix: incorrect storage of in/outpoint
- new: Full Hippo presets can be recalled and created by dragging to/from the main centre preview window on the Hipponet overview box, or by right clicking the same preview.
- new: Full Layer previews can be created / recalled / updated by dragging to/from the preview window on a layer of by right clicking that layer preview.

Pixelmapper

- fix: bug where unused universes were transmitted
- new: flash selected fixture
- new: Added import / export to csv/excel file into pixelmapper.
- new: default personalities included

Engine

- fix: improved smoothness on older v2 systems
- fix: shut down correctly when power button is pressed
- new: Added ability to lock fixtures in pixelmapper
- fix: Increased allowed resolution on stage to 1920 x 768
- fix: Bug fixes in live capture module to allow more cards to work with system.
- new: Added simple mode: a reduced functionality operating mode with automatic media transitions and simplified interface for use on simple projects where advanced functionality is not required.
- fix: Engine settings are now saved when "apply" is pressed and not when the system is shutdown.
- new: Added screen warp to express.
- new: Added smooth edges feature to keystone functions to remove jagged edges.
- new: Added "rewind on zero level" feature to all layers.
- new: Added clone pan mode to allow same image but with separate master layers and keystone controls for working with double stacked projectors without having to use unnecessary resources.
- fix: Fixed bug where changing from pan mode to single mode with only 1 monitor would cause a crash.
- new: Log file is now updated with errors from engine settings changes.
- new: Added advanced colour controls to GUI interface and to timeline tracks.
- new: Added vertical pan mode - similar to normal pan mode but where the projectors are stacked vertically. (not fully supported yet)
- fix: Fixed bug where "detect monitors" in engine setup could cause a crash.
- new: loads of pretty new FX and generators

FX tool

- fix: crash on screen saver

Master layer

- fix: Colour behaves the same as the layers

ZooKeeper

- new: drag between pins to copy values (i.e. drag preview to preview to copy settings)
- new: Added ability to swap the contents of one layer to another (move layer) by holding down Ctl and dragging from one preview to another.
- new: advanced tooltip description on components
- new: Added shift-drag functionality to all sliders and faders for accurate adjustment of values in GUI.
- fix: Improved display of values for knobs and faders with improved support for decimal values.
- fix: Fixed a bug where zookeeper would not work on non us/UK versions of windows.
- new: Added double click and single click events into local file browser.
- new: Added file info controls to local file explorer.

Audio

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- new: can be imported and played back alongside video (beta version - not fully tested)
- new: respects playmode

Media Manager:

- new: Added ability to import a media file more than once to retain designer folder structure (file is still imported only once but will now have multiple folders and references)
- fix: Large files timed out
- fix: Manual bitrate window is now disabled if "auto" mode selected in encoding settings to avoid confusion.
- fix: Default option to preserve alpha now changed to "false"
- new: Added media preview player into media manager and file browser.
- new: Added ability to limit the resolution of encoded media to a specific size in media manager.
- fix: Stage now allows pal media with alpha channels to be used without going over resolution limit of system.
- new: Added multicast media synchronization (McFTP) to mediamanager.
- new: Added ability to set an "Expiry Date" to any new media that is added. If a media has an expiry date, and that date is passed the media will show an expired icon in the media manager/selector and will no longer play on the system.

MIDI2:

- new: replaces MIDI component
- new: better bigger brighter
- new: all works now.

Other Components

- new: Added timecode display readout
- new: Added h-map2 component to communicate with lighting consoles
- new: Added LCD component in preparation for new case LCD control panel and led/fan control
- new: Added scheduling and alarm functions to clock component to allow automatic execution of events at specified times.
- new: Added telnet component for TCP/IP control of Hippotizer
- new: Added drag/drop functionality to midi component, controls can now be dragged into the midi component to easily learn midi command.
- new: Added warnings for all import/export features to avoid mistakes by users.
- fix: Added a limit to the log file so that it does not expand forever but auto trims itself at 50mb
- fix: Added import/export functions to Beatbridge, clock, rs232mini and Pixelmapper
- new: Added Hippoblaster component - secret component for those down times !
- fix: Fixed bug where dmx tail would not work
- fix: Repaired problem in dmx component where 16bit values were read incorrectly.
- new: added PhatController (replaces RS232mini) for controlling RS232 and ethernet devices
- new: Automation component to read incoming positions of stage elements to link to any pin via logic
- new: DMX control of beat bridge and automation
- new: RS232

Version 3.0.11 - installer 3.0.11 / GUI only installer 3.0.11

revision 3175:

installer 3.0.11b: fixes DMX refresh
installer 3.0.11c: de-interlace FX added

Known issues:

Output configuration:

- Pan MOde resolution Bug: sometimes not all Pan mode resolutions are available and when using the Control centre Hippo goes into clone mode instead of Pan mode.
Work around: USe Catalyst Control Centre and go manuallt to horizontal pan mode and then to clone mode and then back to default extended mode. After this sequence all resolutions should be available.
PLease note: Going into pan mode is a 2 stage process. Flrst you need to change the graphics mode and then select the output resolutions. Currently there is not much user feedback.
- going to dual mode with only one monitor connected can crash the engine

Media Manager:

- Large files can time out, but still appear on in the mediamanager

Synch

- Can't store presets or filter certain PLayer Controls
- no external sychronisation

RS232

- not implemented

Documentation

- DMX chart is up to date (v3.0.10)
- Current Documentation

New and repaired in this version

DMX

- only patched layers are used
- dmx tail supported

Media PPlayback

- image loading improved

Timeline

- fixed playback after stop commands
- better sync to timeline
- Cues as 0-99999.999

Live Video

- COnfiguration has been improved, and is working ok

DMX

- aspec ratio included - bug fixed
- interpolation for smoother DMX control
- Timeline COnrol

MIDI

- many improvements
- Timeline Control

Settings management

- fully implemented

Components

- Pixelmapper added
- PinBridge added
- SoundConnector added
- Synchronator has been improved for better cross unit sync

FX Tool

- GUID bug fixed when saving a copy of an FX

Version 3.0.10 - installer 3.0.10 / GUI only installer 3.0.10

Known issues:

DMX:

- in the current version unpatched layers are NOT ignored and increase the channel count.
- go to DMX_Mapping and manually delete unused layers!

Output configuration:

- Pan Mode resolution Bug: sometimes not all Pan mode resolutions are available and when using the Control centre Hippo goes into clone mode instead of Pan mode.
Work around: Use Catalyst Control Centre and go manually to horizontal pan mode and then to clone mode and then back to default extended mode. After this sequence all resolutions should be available.
Please note: Going into pan mode is a 2 stage process. First you need to change the graphics mode and then select the output resolutions. Currently there is not much user feedback.
- going to dual mode with only one monitor connected can crash the engine

Media Manager:

- Large files can time out, but still appear on in the mediamanager

Synch

- Can't store presets or filter certain PLayer Controls
- no external synchronisation

RS232

- not implemented

Documentation

- DMX chart is up to date (v3.0.10)
- Current Documentation

New and repaired in this version

Media PLayer

- image loading improved

Timeline

- fixed playback after stop commands
- better sync to timeline
- Cues as 0-99999.999

Live Video

- COnfiguration has been improved, and is working ok

DMX

- aspec ratio included - bug fixed
- interpolation for smoother DMX control

MIDI

- first version with MIDI learn

Settings management

- fully implemented

Components

- Pixelmapper added
- PinBridge added
- SoundConnector added
- Synchronator has been improved for better cross unit sync

FX Tool

- GUID bug fixed when saving a copy of an FX

Version 3.0.7 beta - installer 0.87 / GUI only installer 3.0.6 beta

Known issues:

Output configuration:

- Pan MMode resolution Bug: sometimes not all Pan mode resolutions are available and when using the Control centre Hippo goes into clone mode instead of Pan mode.
Work around: USe Catalyst Control Centre and go manuallt to horizontal pan mode and then to clone mode and then back to default extended mode. After this sequence all resolutions should be available.
PLease note: Going into pan mode is a 2 stage process. Flrst you need to change the graphics mode and then select the output resolutions. Currently there is not much user feedback.
- going to dual mode with only one monitor connected can crash the engine

Media Manager:

- encoder is still demo version and puts watermark in top/left corner
- it can happen that the Media Manager reports that media is already on the system. We had this error occasionally. A beer for the person who can repeat this fault reliably!

Live Video Configuration

- Order of the capture devices cannot be changed

Synch

- Can't store presets or filter certain PLayer Controls
- no external sychronisation

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MIDI and RS232

- not implemented

PixelMapper:

- not implemented

Documentation

- DMX chart is up to date (v3.0.7)
- quickguide is not up to date

New and repaired in this version

Dongle protection

- Is extended to full playback and mediamanager (full version support)
- GUI only versions need GUI dongle

Installation

- Express installation fixed

FX

- all v2 FX have been implemented

Timeline

- full preset capability (create and apply presets for any section of a Hippo)

Engine

- restore last state after restart
- Status information back
- additional information about vidmem usage and render performance (fps)

Live Video

- COnfiguration has been improved, and is working ok

DMX

- is fixed and should be working ok

Settings management

- fully implemented

Version 3.0.6 beta - installer 0.84 / GUI only installer 3.0.6 beta

Known issues:

Installation:

- doesn't work for Express

Output configuration:

- Pan MOde resolution Bug: sometimes not all Pan mode resolutions are available and when using the Control

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centre Hippo goes into clone mode instead of Pan mode.

Work around: Use Catalyst Control Centre and go manually to horizontal pan mode and then to clone mode and then back to default extended mode. After this sequence all resolutions should be available.

Please note: Going into pan mode is a 2 stage process. First you need to change the graphics mode and then select the output resolutions. Currently there is not much user feedback.

Media Manager:

- encoder is still demo version and puts watermark in top/left corner
- it can happen that the Media Manager reports that media is already on the system. We had this error occasionally. A beer for the person who can repeat this fault reliably!

Live Video

- Configuration has been improved, but not been tested with different capture cards.

FX

- not all v2 FX are implemented (but we have a few new ones instead)

Synch

- Can't store presets or filter certain PLayer Controls
- no external synchronisation

PixelMapper:

- not implemented

DMX

- channel count is wrong, needs manual overwriting

MIDI and RS232

- not implemented

Settings management

- Export/Import/Reset implemented but untested
- not available for engine settings

New in this version

Screen Warp:

- Master-screenwarp comboboxes fixed.

Settings management:

- import/export/reset

Version 3.0.5 beta - installer 0.83

Known issues:

Output configuration:

- Output settings: switching from single to dual/pan mode crashes hippo if only one monitor is connected

Screen Warp:

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- Master-screenwarp comboboxes to select warp not working properly

Media Manager:

- encoder is still demo version and puts watermark in top/left corner
- it can happen that the Media Manager reports that media is already on the system. We had this error occasionally. A beer for the person who can repeat this fault reliably!

Live Video

- COnfiguration very untested and can crash hippo, please avoid.

FX

- not all v2 FX are implemented (but we have a few new ones instead)

Synch

- Can't store presets or filter certain PLayer Controls
- no external synchronisation

PixelMapper:

- not implemented

DMX

- DMX chart not final

MIDI and RS232

- not implemented

Settings management

- implemented in GUI, but not working yet.

New in this version

TimeLine2:

- big rework of the time line for more intuitive handling
- Preset implemented and integrated into GUI

DMX

- artnet control fully finctional
- settings improved

Screen Warp

- fully implemented with remote management
- Warp morphing (select 2 different warps and blend between them)

Output configuration

- first implementation to remotely set and change your output configuration
- IMPORTANT: GUI monitors are first gfx card, this needs to be changed in the bios and in windows (set primary)
- advantage: All bootup and windows message only appear on local gui monitor not on output
- Switch remotely between resolutions and modes (called FXCs)

Control Centre:

- not all pins visible to user
- more settings available
- set Control Centre monitor resolution
- SOurce/FX and mix previews

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Product Version management:

- versions implemented (dongle decides on scope of functionality - resolutions etc)

(and I am sure a lot more, but just can't remember it all)

Version 3.0.4 beta - installer 0.81

known issues:

Output configuration

- automatic ati configuration has been disabled for now.
- user must manually set output settings using catalyst control centre
- then use "advanced HippoNet" ->Setup on engine to configure hippotizer
- default mode after installation is output windowed to monitor 1.
- there is a bug which can lead to the engine freezing when using "toggle fullscreen" (change to windowed and back)

Timeline:

- not all drag and drop areas are supported
- Timeline is being reworked and will have many changes in the way the User interface works.

Media Manager:

- encoder is still demo version and puts watermark in top/left corner
- it can happen that the Media Manager reports that media is already on the system. We had this error occasionally. A beer for the person who can repeat this fault reliably!

FX

- not all v2 FX are implemented (but we have a few new ones instead)

Relays

- Not fully implemented

Live Video

- Configuration not implemented

Synch

- Can't store presets or filter certain PLayer Controls
- no external synchronisation

PixelMapper:

- not implemented

Implemented in this version

Engine:

- DYnamic Layer resolution
- Pixel2Pixel or Auto Resize modes
- More FX parameters
- new source: Generator
- new playmodes random, reverse
- improved latency when playing back in slow speed
- improved playback smoothness
-

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DMX:

- first version works and supports artnet only, static manual configuration (ask sean or nigel about setup)
- YOU can switch it on and off remotely
- status window
- remote feedback of current configuration

Media Management

- remote media management
- no need to stop engine (Live Update)
- built in Media Conversion to MPEG2 (works for all native windows codecs, mpeg2 and quicktime)
- Did I say Quicktime, yes you can just drag and drop your Quicktime files
- supports Alpha channels in quicktime - Only standard resolution

HippoNet

- GUI can operate completely removed over Net
- remote media upload
- remote monitoring
- remote configurations
- remote timeline programming
- Auto discovery
- Easy HippoNet overview to see all systems on the network
- Control multiple machines from one user interface

Synch Module (Undocumented)

- synchronise media playback and selection via HippoNet
- no need for external Synch

Control Centre

- new Generation controls
- more information about media
- easier in/outpoint controls
- design your own GUI
- save desktops
- 4 virtual desktops
- info balloons
- realtime remote preview of any layer of any hippo on the network

FX

- external FX scripting tool
- create and add your own HLSL FX (undocumented)

Timeline (alpha version will change)

- program sequences of cues and parameter animations
- create presets and use references multiple times

and much much more...