Wholehog v3.0.0 Release Notes

Version: 3.0.0 (2417) December 15, 2008

Wholehog 3 Console and Rack Mount, Hog 3PC, Road Hog Full Boar, Hog iPC, Road Hog

Version 3.0.0 represents major improvements to core components of the Wholehog software. Furthermore it adds support for the new DMX Processor 8000 and Art-Net output from the DMX Processor 8000 and Road Hog Full Boar console. This release has also updated and changed many windows and configurations. Users are urged to read this document as well as the updated User Manual/Help before loading version 3.0.

Important Notes:

Upgrade Information

When upgrading from other versions you MUST use an ISO for Wholehog 3 consoles. Also if you wish to downgrade from v3.0 you will need an ISO as well. Windows based consoles can be updated with the Hog 3PC msi file.

Compatibility Note

Show files are forwards and backwards compatible between version 3.0 and previous software versions. However a show file that contains a DP8000 node will not load into previous versions. Users will need to remove (or convert to DP2000) any DP8000 nodes if they wish to load v3.0 show files into previous versions of software.

Windows Based Systems

Show files loaded from previous versions into version 3.0 that contain virtual DP2000s will have these DP's automatically converted to a single DP8000. All patching will be automatically moved and no further user interaction is required.

Widget Configuration

The configuration pane for Widgets is no longer located in the control panel. With version 3.0 widget configuration is accomplished via the DP8000 settings pane of the Network window. Refer to section 30.3.1 of the User Manual/Help for full details. Widgets will auto-configure when discovered in version 3.0, however the mapping may not match that of previous software versions. Please be aware that existing setups may require re-configuration of widgets after upgrading to version 3.0

Networking

Many improvements and changes have been applied to the networking capabilities of Wholehog systems running version 3.0. Please refer to section 12.2 of the User Manual/Help for full details and instructions regarding network configuration.

New Features

Art-Net Output
The DMX Processor 8000 and the Road Hog Full Boar are capable of outputting DMX and Art-Net. The Art-Net output is fully configurable through the DP8000 settings pane of the Network window. Refer to section 12.4 of the User Manual/Help for full instructions and details regarding Art-Net output configuration.
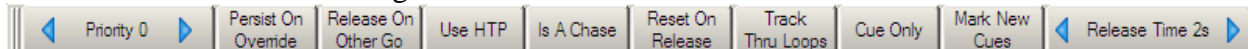
Hog 3PC Vista Compatibility
Hog 3PC is now compatible with Windows Vista as well as Windows XP SP2 or SP3.

Faster Show Loads
Important changes to core system processes now allow faster data loading on DP2000 and the new DMX Processor 8000. Users should see a significantly faster show load time on DP2000's.

Cuelist and Scene Options Toolbar
A new toolbar has been added to allow quick viewing and modifying of cuelist and scene options. By holding the Choose key of a master, the toolbar will open in place of the main toolbar on the bottom of the right touchscreen.

| ◀ Priority 0 ▶ | Persist On Override | Release On Other Go | Use HTP | Is A Chase | Reset On Release | Track Thru Loops | Cue Only | Mark New Cues | ◀ Release Time 2s ▶ |

New Trackball button options
New options for custom trackball buttons have been added. These include "Fade Changes, Close window, and Next page". Refer to section 12.1.5 of the User Manual/Help for full instructions and details.

Pig + Nudge = Half Step
When using Pig with the nudge keys above and below the intensity wheel, a half step will be nudged. For instance if the nudge value is set to +10% a Pig+Nudge will produce +5%.

Add "&O" to Default Naming Options
A default selection of "&o" is now available to allow for objects to be assigned the same name when copying (without the "copy of" wording).

Default Effect Timing Preference
A default assignment for effects timing has been added to the default timing preferences.

New Wheelsets
A new custom wheelset has been added to the Preferences folder for the Hippotizer fixture type.

DP2000 Art-Net Mode
A DMX Processor 2000 running version 3.0 or greater software includes a mode that allows you to change the DMX Processor 2000's mode to operate as a standard Art-Net node instead of a Wholehog DMX Processor. Refer to section 12.4.3 of the User Manual/Help for full instructions and details.

Change to Art-Net Mode
Changing modes requires a hard reset.
Select reboot to continue.
Reboot   Close

New Features (continued)

Reworked Network Configuration

Refer to section 12.2 of the User Manual/Help for full networking configuration instructions and details. Changes to network configuration include:

- Automatic switching to an internal interface adapter if the selected loopback adapter is disabled or (on Windows only) doesn't have a valid link. This allows proper operation when no adapters are available. The FPS loopback adapter is no longer required.
- Added a network adapter monitoring system that sends notifications when the state of an adapter changes, including IP address or link state.
- Modified the Control Panel Network pane to select and adapter for Hog-Net and specify a simple on/off for the DHCP server.
- Significant changes have been made to the configuration of network adapters on Full Boar, Hog iPC, and Wholehog 3 consoles. Users should expect the following changes:
  - IP address changes can now be made to the network adapter of the Full Boar, Hog iPC and Wholehog 3 consoles while in a show.
  - IP address changes can now be made to the network adapter of the Full Boar and Hog iPC when not connected to a network. (Previously this only worked on the Wholehog 3 console). This is intended to allow the user the ability to change and store IP address settings while offline for later user when the console is part of a network.
    - Note: Full Boar and Hog iPC consoles will use a 127.0.0.1 IP address anytime they are not connected to a network which ensures that every show launch is successful.
  - Any time the Full Boar, Hog iPC or Wholehog 3 console is set to obtain an IP address from a DHCP server and the DHCP request could not be resolved, the network adapter of the console will revert to an IP address of 127.0.0.1 which allows the user to still launch a show but connect to other nodes on the network.

Wholehog v3.0.0 (Build 2417) Bug Fixes

3491	Couple of problems with Default Timing pref. spreadsheet
5099	Remove option for unused Network Nodes (DP2000, DP8000)
5282	Error when knocking out values from Preview editor
5827	DP/IOP need to auto reset after IP address changes.
5868	Add "Fade Changes" to the trackball button options...
6055	Add a Cuelist options toolbar
7122	DVI and VGA outputs on PCI video card have swapped.
7151	Add '&o' to the default copy naming droplist in preferences...
7446	Increase sheet size to see Effects Time in default timing adjustments
7841	Console - Assert pressing set to open keyboard when bogus control has focus
8002	Pig+Nudge Intensity = half step
8087	Restarted non-ThreadX OB or DP8K cannot rejoin a show
8115	Mac 550 prism problems
8423	b1050 Console & PC - Fixture Builder Focus issue
8781	PC: Must Click Front Panel To Front It
8847	Add effects timing to default timing in setup -> preferences
8940	Internal keyboard won't close in fixture builder
9008	Add "Out" to customizable trackball button options
9067	b991 console - network window giving odd feedback
9471	Wholehog software should have a DHCP server
9749	LED Brightness should not fade Trackball to zero on Hog iPC & Road Hog
9959	Add "Close Window" to customizable trackball button options
9967	Incorrect output state after changing "Show State" in active cue editor
10144	Start Screen: Help and Control Panel windows not centered /maximized & CP shrinks
10313	Create an icon for Hog 3 installers (.msi and .fpspkg).
10354	Vizualizers will not output if port number on VOB is changed
10357	Click and drag acrross multiple palettes causes button redraw issue
10368	DP8000 Artnet Implementation
10370	Fixture schedule window variable universe patching
10371	DP8000 configuration from console network window
10441	Keyboard shortcuts use physical positions of keys instead of characters on keycaps
10528	Vista: Maximized Parent windows too big for screen
10535	Underscore on external keyboard not working
10542	front panel widgets need their own style
10544	playback bar settings handler employs invalid dynamic_cast
10561	Numeric keypad period not working when Num Lock is on
10581	Console doesn't restart when changing external monitor preferences
10624	Cancel & Okay Buttons in wrong place in clone universe window
10648	Create User Manual text for DP8K and new associated features
10656	DP8000 Hardware Monitoring daemon
10657	User alert and feedback framework
10685	Graphic Missing from On-Line Help
10687	Add a version interface to Comm arrays
10690	Add Next Page to options for custom trackball button actions
10693	We need to warn users about adding duplicate files when burning CDs
10703	Applying certain changes in control panel causes console crash
10714	Replace Hog 3 logo in the PC installer
10739	OB sometimes ignores show load
10762	Link cues should be ignored when merging data into a range of cues

Wholehog v3.0.0 (Build 2417) Bug Fixes (continued)

10796	Architecture-neutral TLS solution
10797	Architecture-neutral hardware watchdog solution
10805	DP8K application runtime
10806	DMX output rework
10900	Break out DMX message buffer construction and transmit into 2 APIs
10918	OutputBox abstraction for DMX output configuration
10927	Engine rework to utilize new OutputBox configuration functionality
10957	DMX USB device management re-architecture
11002	Cuelist effect rate should added to the third encoder wheel on chases if choose is held
11124	Using the Color Picker with the programmer window open bogs down the desktop
11142	Rework programmer window for unused buttons (Mark and Show State)
11150	I-Red, I-Green, and I-Blue on certain RGB fixtures do not release properly
11152	Slotted parameters are lost when playing marked cue if marked is first & linked to
11175	Software reload support for DP8000
11176	Cuelist window's horizontal scroll bar does not automatically resize
11177	Art-Net output for DP2000
11264	Patching large # of desk ch. will crash the desktop
11287	Fixture window does not redraw correctly after actions
11293	Recording + lots of encoder wheel action with programmer window open will crash
11351	Add support for Light Converse visualizer
11354	Crash when add DP + clear
11373	Full Boar: Splash screen and Network window report different MAC address
11395	DP8000 Art-Net throttling
11413	Hog iPC: changing time asks for reboot due to MIDI change
11421	Desktop crash during rapid Next / Back / Next+Back
11521	Create GUI for diagnostics tab of DP8K DMX Configuration Window
11522	Remove the Update portion from the Node Settings Window
11541	Stacktrace facility for Win32
11543	Add Clone DP ability to aid with DP8K transitions
11547	Full Boar does not time out obtaining IP from DHCP when network link is not present
11571	DP8K hardware diagnostic API
11581	WINS Naming support
11582	Disable ability to launch uncompressed show files FROM USB DRIVES
11586	Disable ability to launch/expand shows onto Floppy Drive A:
11592	Double clicking headers in compact output window crashes desktop
11602	Console screen shots needed for manual
11620	Fatal Error when right click to copy/paste in effects window
11624	Mount shows directory with no "atime"
11628	Update X-wing loader for DP8000 DMX Board
11684	Clone universe should only give 1 warning when unpatching fixtures
11685	Clone universe does a really bad job of determining which fixtures conflict
11697	lib_gen ignores default feature crossfade paths specified in functions.txt
11717	Mac 700 Profile Extended has wrong default value for Position Time
11761	Get/Set/Store LCD contrast from session to session.
11763	Add DP8 Magic Key Sequences
11765	DP8000 Fail Safe Boot / Watchdog functions implementation
11906	Add preferences folder and HES wheelsets to installers and image
11921	Network window - Add option to remove IOP and client console logical nodes
12056	Clearing changes made to a cue editor causes loss of cuelist state

Wholehog v3.0.0 (Build 2417) Bug Fixes (continued)

12073   Hide Loopback adapter on Linux Console, Full Boar, and Hog iPC
12079   Period + time in a cue editor crashes the desktop
12108   Add Hippo Timeline Fixture
12109   Add Hippotizer wheelset to preferences folder
12110   Syntax Error in manual section 17.5
12151   Unconfigured widget outputs should display none
12178   Add DP should default to a net number that makes sense
12180   Clone Universe should allow negative address offsets
12218   Enable Artnet Output on the Full Boar
12307   Add support for DP8K in Expander Mode
12348   Recorded edits left on stage when entering blind using fade changes or try cue
12474   Add dialog and automatic virtual DP2K to DP8K procedure
12524   Add "Pixellage" library to SHOWPIX and StudioPix
12606   Add "OUT" trackball option to the help manual