



Type(s)
Project
Date
Notes

GENERAL INFORMATION

HPU is the new hybrid processor unit for the Hog 4 family. One HPU unit can act either as a rack-mounted console or as a DMX Processor connected to another Hog 4 family console product, capable of 64 universes of output from a single 2U 19-inch rack mount device.

With all the power of a Hog 4 console, the HPU is designed for those applications where permanent hardware front-panel interfaces are not necessary, such as cruise ships, theme parks, and architectural lighting installations. The HPU in console mode can also act as a backup to any Hog 4 family console.

Plug a Hoglet 4 into the HPU, add up to two touch screen monitors and you have a powerful, stable control system ready to take on any show. HPU is fully expandable using Wings, Widgets and DMX Processors.

In DMX Processor mode, the HPU packs a punch, expanding any other Hog 4 console product by up to 64 universes of output in a compact, rack-mounted device.

PRODUCT FEATURES

- Robust Hog 4 OS operating system
- Built-in 8" full color multitouch display
- Two external DisplayPort monitors/touchscreens supported
- 32,768 output channels, expandable with DMX processors (HPU or DP8K)
- 8 Neutrik XLR-5 DMX outputs
- sACN and Art-Net
- Dual RJ45 Ethernet connections for HogNet and FixtureNet
- Keyboard and mouse included
- Optional port replicator to bring all connections to the front of the equipment rack

ORDERING INFORMATION

Hog 4 Consoles

MODEL	DESCRIPTION
6204A1001	HPU rackmounted console/DMX processor
6204A1002	HPU Port Replicator

Ships with: alphanumeric keyboard, mouse, IEC power cable, two USB drives for show storage and console recovery.

Additional Accessories

MODEL	DESCRIPTION
61040064	Hoglet 4 programming wing
61040060	Playback Wing 4
61040062	Master Wing 4
61040065	MiniWing 4
74040011	USB DMX Widget
74040008	USB DMX Super Widget
74040009	USB MIDI/LTC Widget
SGM1456	External Multi-touch Monitor



PRODUCT SPECIFICATIONS

SYSTEM CAPACITY

- 32,768 parameters (64 universes) in Console mode via local processing, expandable total outputs using DMX processors (DP8K or HPU)
- 32,768 parameters (64 universes) in DMX Processor mode
- Solid-state hard drive
- 7 USB ports for flashdrives, pointing devices, keyboards

DISPLAY FUNCTIONS

- User configurable displays with recordable views
- Dedicated views to access most-used items quickly
- Palette, list, views, scenes, batches, effects directories
- Programmer window
- Plot views
- Output window
- Fixture Schedule and Patch windows, sortable by fixture or by Universe
- Three color schemes for daylight use, regular use or dark environment use

PROGRAMMING

- Command-line interface
- Programmer window displays selected and adjusted fixtures
- Lists constructed with +, -, and Thru or selection softkeys, Next, Back and All commands
- Intensity set with command keypad, full key, intensity palettes
- Ordered groups
- Comprehensive fanning using segments and buddying
- Media picker window
- HS colour picker window
- Programmer window
- Groups for simplified fixture selection
- Palettes: intensity, position, colour, beam, effects
- Effects Engine
- Pixelmapping Effects
- Park
- Undo command
- Delete, Move and Copy commands
- Highlight, lowlight and rem dim commands
- Cue level and parameter level timing
- Record, Update and Merge commands
- Knockout and Clear commands
- Set command for text labels and data entry

PLAYBACK CONTROLS

- Unlimited fader pages
- Comment macros and keystroke macros
- Virtual masters
- Scenes
- Batch controllers
- Group masters
- Triggering via Commands
- Playback bars
- Playback expansion via Hoglet 4, Master Wing 4, Playback Wing 4, MiniWing 4
- OSC input/output
- MIDI messages, MIDI Show Control, MIDI/LTC timecode via USB MIDI/LTC Widgets

INTERFACES AND ACCESSORIES

- Local DMX-512 outputs: 8x Neutrik 5-pin XLR
- Expandable DMX-512 outputs via USB DMX Widgets
- Local Art-Net and E1.31/sACN outputs: 1x 1GB/s Ethernet port
- Local HogNet 1GB/s Ethernet port
- Unlimited DMX-512, Art-Net and E1.31/sACN universes via HogNet-connected DMX processors (DP8K or HPU)
- MIDI and LTC inputs via USB MIDI/LTC Widgets
- Connectivity with visualizers via Fixture-Net (Art-Net or E1.31/sACN, unrestricted by local output capacity)
- OSC (Open Sound Control) for remote control and integration
- USB 3.0 ports: 6 rear, 1 front

ELECTRICAL AND ENVIRONMENTAL

- ETL, CETL and CE compliance
- Mains power: 100–250 VAC, 50/60 Hz, max 120 W
- Mains connector: IEC320 C13
- Fuse: 1x 5x20 mm 5AT fuse

PHYSICAL INFORMATION

RACK HOG 4 DIMENSIONS

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	in	mm	in	mm	in	mm	lb	kg
HPU controller/processor unit	3.5 (2U)	89	19.1	483	14	357	15	6.8

*Does not include mounting hardware



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