



Type(s)
Project
Date
Notes

GENERAL INFORMATION

HPU is the hybrid processor unit for the Hog family. One HPU unit can act either as a rack-mounted console or as a DMX Processor connected to another Hog 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 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 family console.

Plug a Gig Hog 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 Response Network Gateways and Interfaces, and additional HPU units.

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

PRODUCT FEATURES

- Robust Hog OS operating system
- Built-in 8" full color multitouch display
- Two external DisplayPort monitors/touchscreens supported
- 32,768 output channels, expandable with additional HPU units
- 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.

Related Products

MODEL	DESCRIPTION
6111A1001	Tour Hog console
6112A1001	Stage Hog console
6115A1001	Flex Hog console
6113A1001	Gig Hog programming wing
Various	Response Network Gateways and Interfaces
Free Download	Hog PC Software
4380A1011	ETCnomad USB key, base (2 universes)
4380A1037	ETCnomad USB key, unlocked (12 universes)



PRODUCT SPECIFICATIONS

SYSTEM CAPACITY

- 32,768 parameters (64 universes) in Console mode via local processing, expandable total outputs using additional HPU units
- 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
- Hog Color System
- 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 expansion via Gig Hog
- 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 Response Network Gateways
- 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 additional HPU units
- MIDI and LTC inputs via Response Network Gateways and Interfaces
- 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: 1x5x20 mm 5AT fuse

PHYSICAL INFORMATION

HPU Dimensions and Weights

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	kg	lb
HPU controller/processor unit	89	3.5 (2U)	483	19.1	357	14.0	6.8	15.0

*Does not include mounting hardware



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