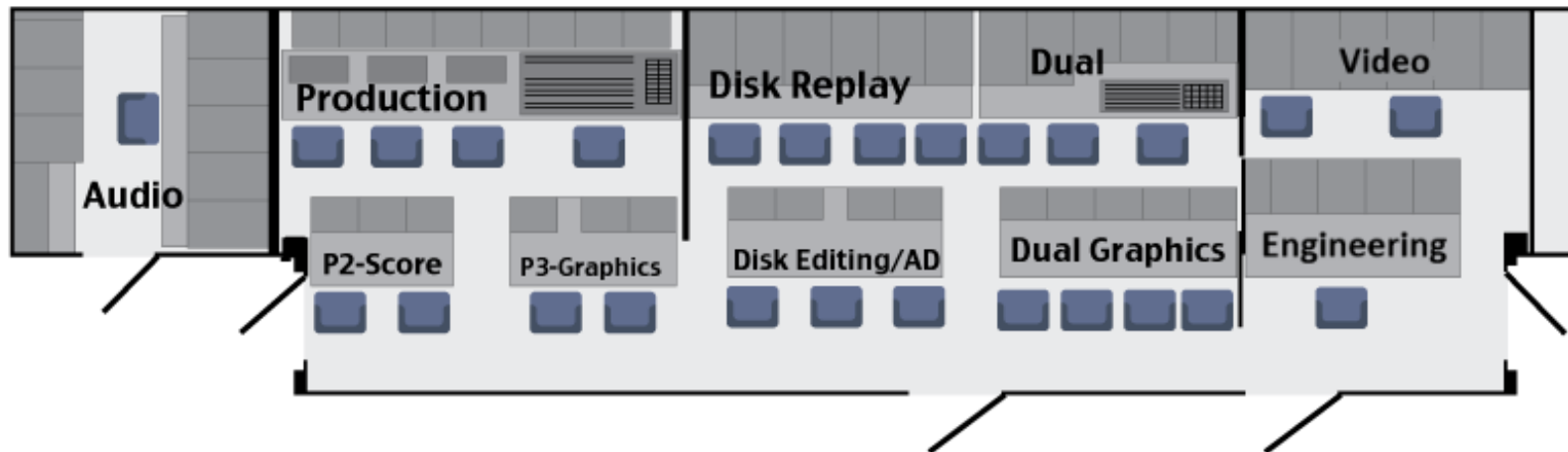


## 28 HDX Equipment Specifications

Length: 53' Height: 13'3" Width: 8'6" with ability to expand to: 13'6"



# 28 HDX Equipment Specifications

## Production

- Grass Valley HD Kayenne switcher
- 4.5 M/Es, 96 inputs/48 outputs
- Internal Image Store
- 4 iDPMs/2 eDPMs
- 4 Stripe (M/E) control panel
- 2 Stripe (M/E) secondary switcher
- Up to 90 images in production wall

## Cameras/ Lenses & Support

- 6 Grass Valley LDX 80 Premier 720p/1080i triax cameras
- 2 Grass Valley LDX80 Premier 720p/1080i SMPTE fiber cameras
- 2 Grass Valley LDX 86 universe super slow mo fiber cameras (Upon request. Can be used as regular live cameras)
- 4 Grass Valley 3G fiber converters (SHEDS)
- 8 Canon 72x9.3 long lenses
- 3 Canon XA17x7.6 ENG lenses
- Fujinon HA18x5.5
- Four 2" ENG VFs
- 2 Grass Valley LDK8000 Elite Triax cameras with lenses and tripods (Booth)
- 8 Grass Valley SuperExpander sleds with 7" VFs
- 8 Vinten Vector 70 heavy duty pan/tilt heads
- 8 Mathews MT1 heavy duty tripods
- 4 Gitzo ENG tripods with Libec H85 pan/tilt heads
- 2 SD LPS clock cameras

## Replay, Spotbox and Edit Systems

- Three 12 Channel EVS XT3 full editing units
  - One can be used as 2 SSMO 2 HD inputs/2 outputs
  - Can be split into 2 operator positions each with 4 inputs/2 outputs
  - EVS must use DNxHD Codec for SSMO mode
  - Two positions use LSM Connect (No VGA)
- 8 Channel K2 Summit with Dyno for instant replay of two 6x SSMO cameras (With file transfer of clips to EVS network)
- 4 Channel EVS XS3 server for Spotbox (2 Channels per show during dual feeds)
- Codecs supported:
  - M-JPEG – User selectable bitrate 20-360Mbps
  - Avid DNxHD® (120/145Mbps)
  - Avid DNxHD® High Level (185/220Mbps, 8-bit and 10-bit)
  - VC-3 (SMPTE 2019-1; Avid-compatible) 100Mbps
  - Apple ProRes® 4:2:2 (120/145Mbps)
  - Apple ProRes® 4:2:2 HQ (185/220Mbps)
  - Apple ProRes® 4:2:2 LT (85/102Mbps)
  - MPEG-2 intra – User selectable bitrate 20-360Mbps
  - DVCPRO HD
  - AVC-Intra Class 100
  - XAVC-Intra Class 100
- 2 Lance TDC-100 Disk Controllers
- 2 XFile3s with USB 3.0
- GigE network available
- 2 DVD recorders/players
- DVD/VHS combo recorder
- Panasonic P2 Deck model# AG-HPD24P
- Up to 6 replay operator positions

## Audio

- CALREC Artemis Beam Audio Mixer (56 fader) 256 MADi inputs and outputs, 64 analog inputs/64 analog outputs
- Audio Board can output multiple channels of surround sound
  - Encoders for transmitting surround sound are the clients responsibility
- Digicart E with ZIP drive
- CD Player
- 6 Rode NTG-3 short shotgun mics
- 8 Audio Technica BP4073 short shotgun mics
- 6 Sennheiser e835 stick mics
- 6 Sennheiser MD-46 stick mics
- 8 Sony ECM77B lavaliers
- 6 Sennheiser HMD sportscaster headsets
- 6 Daltech talkback boxes
- 6 DT12 Breakout Boxes
- 14 DT12 fanouts
- 6 Fostex portable speakers
- Videotek ASM-100 audio scope
- Fiber Booth Kit (Upon request)
- Parab dishes (Upon request)

## Communications

- RTS ADAM Matrix System
- 80 Analog ports, 16 ports of RVON
- 12 Channels of IFB
- 12 Channels of PL
- 12 RTS 4030 IFB beltpacks
- 19 RTS BP325 headset boxes
- 4 Telos One Interface
- 3 RTS TIF 2000As
- 12 Line phone system
- 6 Two-Way Radios with 2 base stations

## Graphics

- VizRT
- Sketch HD Telestrator with HD touchscreen
- For- A Telestrator with HD touchscreen for secondary feed (Upon request)

## Engineering & Misc

- 160x352 Grass Valley Router HD-SDI
- 22 Frame sync/cross converters
  - 1 AJA FS-HDR, 2 AJA FS-4s, 1 AJA FS-2, 1 AJA FS-1, 1 AJA FS1-X, and 16 Harris X-50s, for a total of 32 paths
- 10 Utility cross converters
- 2 Lighting Kits

## Outboard Monitors

- Sixteen 15" Outboard LCD video monitors
  - Capability to provide HD program to booth (If fiber is available)

## Cable

- 6750' Triax
  - Four 500', Eleven 250', Eleven 100'
  - Two 6 line triax 175'
- 550' 10 Line video mult
  - Two 125', Two 75', Three 50'
- 450' TAC singlemode fiber
  - Three 150' TAC-12
- 750' SMPTE fiber
  - Two 250', Two 100', Two 25'
- 2300' DT12
  - Five 250', Seven 150'
- 175' Three phase power cable
  - Sets of 100' and 75'
- Additional cable available if shipped separately

## Power Required

- 208 VAC, three phase, 200 amps
  - Separate 200 amps of three phase 208 VAC may be required in high heat locations

## Dual Audio Trailer/Traction (DAT)

This equipment is available during dual feeds

- CALREC Brio 36 (36 fader)
  - 24 Mic/line inputs
  - 16 Analogue outputs
  - 8 AES3 digital inputs, 8 AES3 digital outputs
  - 8 GPI + 8 GPO
  - Loudness meters
  - Delay available on every path
  - Up to 96 legs assignable as mono, stereo, or 5.1 input channels
  - 36 legs assignable as mono, stereo or 5.1 mains or groups
  - 24 legs assignable as mono or stereo auxes
  - Up to 96 legs assignable as Insert sends and returns
  - Up to 96 legs assignable as Direct, or Mix-Minus Outputs
  - Every input channel and group path have expander/Gate/Ducker, with key input and sidechain EQ; a compressor with key input and sidechain EQ and multiband compressor
  - Every aux has expander/gate and compressor
  - Every main has a single band compressor and multiband compressor
- Enco HotShot2 audio layout system
- 3 EV RE50 stick mics
- 3 Sennheiser HMD sportscaster headsets
- 3 Daltech talkback boxes
- 3 RTS 4030 IFB beltpacks
- 3 RTS BP325 headset boxes
- 2 Telos One Interfaces
- 600' DT12
  - Four 150'