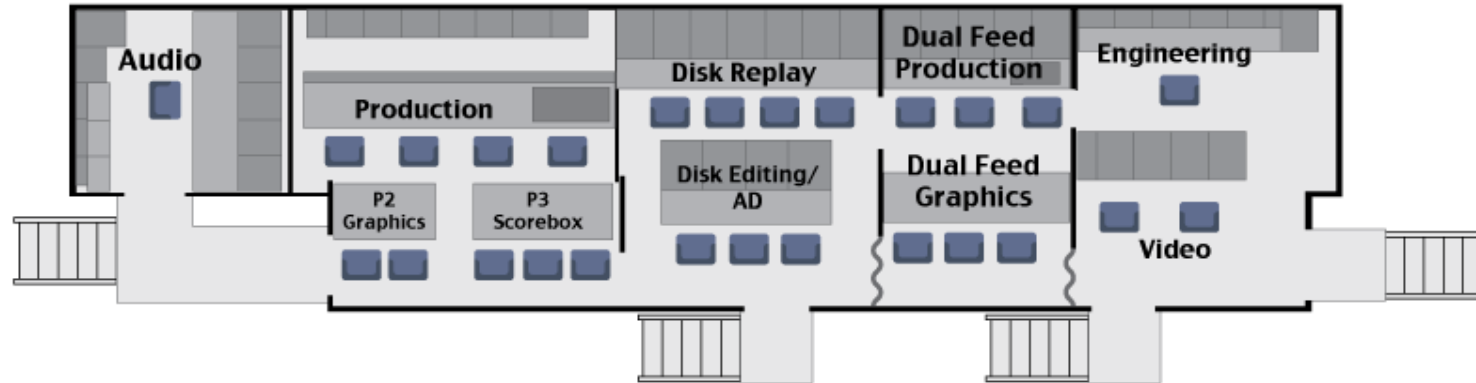


## 29 HDX Equipment Specifications

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



Production



Replay



Dual Room Production



# 29 HDX Equipment Specifications

## Production

- Grass Valley HD Kayenne K-Frame switcher
- 5 M/Es, 96 inputs/48 outputs
- Internal Image Store
- 8 iDPMs/2D DPMs, FlexiKeys, DoubleTake
- 32 Chroma Keyers
- 4 Stripe (M/E) control panel
- 2 Stripe (M/E) secondary control panel
- Up to 90 images in production wall

## Cameras/ Lenses & Support

- 8 Grass Valley LDX 80 Premier 720p/1080i triax cameras
- 2 Grass Valley LDX 86 universe super slow mo fiber cameras (Upon request. Can be used as regular live cameras)
- 9 Canon 72x9.3 long lenses
- 4 Canon XA17x7.6 ENG lenses
- Four 2" ENG VFs
- Studio Config Kit with LCD VF
- 2 Panasonic AG-HPX370 fiber cameras with lenses and tripods (2 Single mode fibers per camera required) (Booth)
- 8 Grass Valley SuperExpander sleds with four 7" VFs and four 9" VFs
- 8 Vinten Vector 75 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 6 Channel HD XT3 full editing units 4 inputs/2 outputs
- 4 Channel HD XT3 Replay Only unit 2 inputs/2 outputs
- 4 channel HD XT3 full editing unit 2 inputs/ 2 outputs
- 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 XS 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
- 3 Gbs SDTI
- GigE network available
- 3 DVD recorders/players
- Up to 6 replay operator positions

## Audio

- CALREC Artemis Beam Audio Mixer/Router (48 fader) 128 analog/128 analog outputs, inputs, 64 AES inputs/64 AES outputs
- Audio Board can output multiple channels of surround sound
  - Encoders for transmitting surround sound are the clients responsibility
- Enco Hotshot2 Audio Playout System
- Digicart E with ZIP drive
- CD Player
- 6 Audio Technica AT4071A long shotguns mics
- 8 Rode NTG-3 short shotgun mics
- 6 Audio Technica BP4073 short shotgun mics
- 4 Sennheiser e835 stick mics
- 4 Sennheiser MD-46 stick mics
- 2 RE 50 stick mics
- 12 Sony ECM77B lavaliers
- 6 Sennheiser HMD sportscaster headsets
- 6 Daltech talkback boxes
- 6 DT12 Breakout Boxes
- 16 DT12 fanouts
- 6 Fostex portable speakers
- DK Technologies MSD600m Audio Scope
- Fiber Booth Kit (Upon request)
- 2 Parab Dishes (Upon request)

## Communications

- RTS ADAM Matrix System
- 96 Analog ports
- 12 Channels of IFB
- 12 Channels of PL
- 10 RTS 4030 IFB beltbacks
- 17 RTS BP325 headset boxes
- 4 Telos One Interface
- 3 RTS TIF 2000As
- 12 Line phone system
- 8 Two-Way Radios with 2 base stations

## Graphics

- Chyron HyperX3
- VizRTs (provided for Fox shows only)
- Fox Box (provided for Fox shows only)
- Sketch HD Telestrator with HD touchscreen
- Sketch HD Telestrator with HD touchscreen for secondary feed (Upon request)

## Engineering & Misc

- 160x352 Grass Valley Router HD-SDI
- 20 Frame sync/cross converters
  - 14 Harris X-50s, 4 AJA FS-2s, 2 AJA FS-1s for a total of 22 paths
- 12 Utility cross converters
- 10 Utility down converters
- 2 Lighting Kits

## Outboard Monitors

- Eight 22" Outboard LCD video monitors
- Nine 15" Outboard LCD video monitors
  - Capability to provide HD program to booth (If fiber is available)

## Cable

- 5725' Triax
  - Four 500', Ten 250', Seven 100'
  - Three 6 line triax mults 175'
- 350' 10 Line video mult
  - Four 75', One 50'
- 1000' 5 Line video mult
  - Three 150', Two 125', Three 100'
- 300' TAC singlemode fiber
  - Two 150' TAC-6
- 700' SMPTE fiber
  - Two 250', Two 100'
- 2300' DT12
  - Five 250', Seven 150'
- 75' Three phase power cable
  - Sets of 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/Tractor (DAT)

This equipment is available during dual feeds

- STUDER Vista 1
- 50 Mono channels, 38 stereo channels
- 16 Mono aux, 4 stereo aux
- 10 Stereo groups with Dynamics & EQ, 6 stereo busses
- Enco Hotshot2 Audio Playout System
- Digicart with ZIP drive
- CD Player
- 3 EV RE50 stick mics
- 3 Sennheiser HMD sportscaster headsets
- 3 Daltech talkback boxes
- 3 RTS 4030 IFB beltbacks
- 3 RTS BP325 headset boxes
- 2 Telos One Interfaces
- 2 Lighting Kits
- 900' DT12
  - Six 150'