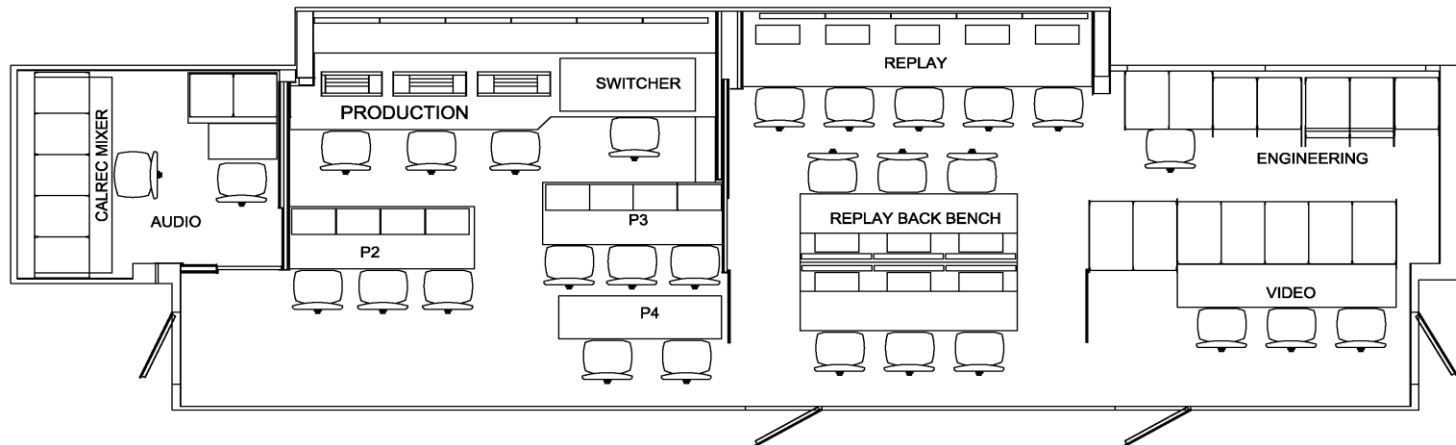


## 41 HDX Equipment Specifications

Length: 53' Height: 13'3" Width: 8'6" with ability to expand to: 16'6"



# 41 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, FlexiKey, Double Take
- 32 Chroma Keyers
- 4 Stripe (M/E) control panel
- Up to 132 images in production wall

## Cameras/ Lenses & Support

- 7 Grass Valley LDX82 Premier 720p/1080i fiber cameras with dual XCUs
- 4 Grass Valley LDX86 universe super slow mo HD/3G fiber cameras (Upon request. Can be used as regular live cameras)
- 11 Grass Valley 3G fiber converters (SHEDS)
- 3 Canon XJ95x8.6 long lenses
- 4 Canon XJ80x8.8 long lenses
- Additional Canon XJ76x9 long lens (upon request)
- 2 Fujinon ZA22x7.6 ENG lenses
- 2 Fujinon HA18x5.5 ENG lenses
- Fujinon UA13.4.5 ENG lens
- Five 2" Color ENG VFs
- Studio Config Kit with LCD VF
- 7 Grass Valley RefleX SuperExpander Sleds with 7" OLED VFs
- Additional Grass Valley RefleX SuperExpander Sled with 7" OLED VF (Upon request)
- 7 Vinten Vector 75 heavy duty pan/tilt heads
- Additional Vinten Vector 75 heavy duty pan/tilt head (Upon request)
- 7 Mathews MT1 heavy duty tripods
- Additional Mathews MT1 heavy duty tripod (Upon request)
- 4 Miller Arrow X7 ENG tripod/pan/tilt heads
- Marshall POV camera with RCP
- 2 SD LPS clock cameras

## Replay, Spotbox and Edit Systems

- Three 12 channel EVS XT3 full editing replay servers with 16 channels of embedded audio
- 4 Channel EVS XS3 server for Spotbox
  - 4 SSMO, 12 HD inputs/8 HD outputs when truck is running in SSMO mode
  - XT3 can be split into two operator positions each with 4 inputs/2 outputs when running SSMO mode
  - EVS must use DNxHD codec for SSMO mode
  - 24 HD inputs/12 HD outputs when truck is running in HD mode
  - 2 XT3s can be split into two operator positions each with 4 inputs/2 outputs when running in HD mode
- 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
- Lance TDC-100 Disk Controller
- XFile3 with USB 3.0
- EVS Epsio FX
- 10 Gbs and 3 Gbs SDTI network
- Up to 8 replay operator positions

## Audio

- CALREC Artemis Beam Audio Mixer (64 fader) 256 routable inputs via MAD1, 64 analog inputs/64 analog outputs
- RTW TM7 audio scope
- Audio Board can output 6 channels of surround sound
  - Encoders for surround sound are the clients responsibility
- Soundfield UPM-1V2 Upmix/Downmix
- Enco Hotshot2 audio payout system
- CD player
- 4 Audio-Technica BP4027 Stereo long shotgun mics
- 2 Audio-Technica BP4029 Stereo short shotgun mics
- 6 Sennheiser MKH 416 short shotgun mics
- 9 Sennheiser MD 46 stick mics
- 8 Sony ECM77B lavaliers
- 4 Crown PCC-160 Cardioid Microphones
- 7 Sennheiser HMD sportscaster headsets
- 6 Daltech talkback boxes
- 6 Whirlwind MD-1 Mic/Line Drivers
- 6 Sound devices MP-1 line amps
- 6 DT12 Breakout Boxes
- 14 DT12 fanouts
- 6 Fostex portable speakers
- Fiber Booth Kit (Upon request)
- Parab dishes (Upon request)

## Communications

- RTS ADAM-M Matrix System
- 64 Ports of OMNEO, 64 channels of MAD1, 48 analog ports, 16 ports of RVON
- 12 Channels of IFB
- 12 Channels of PL
- 12 RTS 4030 IFB beltpacks
- 18 RTS BP325 headset boxes
- 4 Telos Hx2 Digital Telephone Interfaces
- 6 RTS TIF 2000As
- 12 Line phone system
- 8 Two-Way Radios with 2 base stations

## Graphics

- VizRT
- Sketch HD Telestrator with HD touchscreen

## Engineering & Misc

- 396x712 Evertz 3G router
- 2,752x2,848 Evertz audio router
- Embedded audio, 18 MAD1, 48 AES, 96x192 analog
- 12 Frame sync/cross converters, 10 with fiber inputs/outputs
  - 10 AJA FS1-Xs, 2 AJA FS-4s for a total of 18 paths
- TSI-4000 tally system with virtual tally
- 10 AJA utility cross converters
- 2 LED Lighting Kits

## Outboard Monitors

- Sixteen 16" Outboard LCD video monitors
  - Capability to provide HD program to booth (If fiber is available)

## Cable

- 600' 10 Line video mult
  - Two 125', Four 75', One 50'
- 1100' TAC singlemode fiber
  - Two 250' TAC-12, Four 150' TAC-6
- 3450' SMPTE fiber
  - Two 500', Seven 250', Seven 100'
- 2300' DT12
  - Five 250', Seven 150'
- 125' Three phase power cable
  - Sets of 75' and 50'
- 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