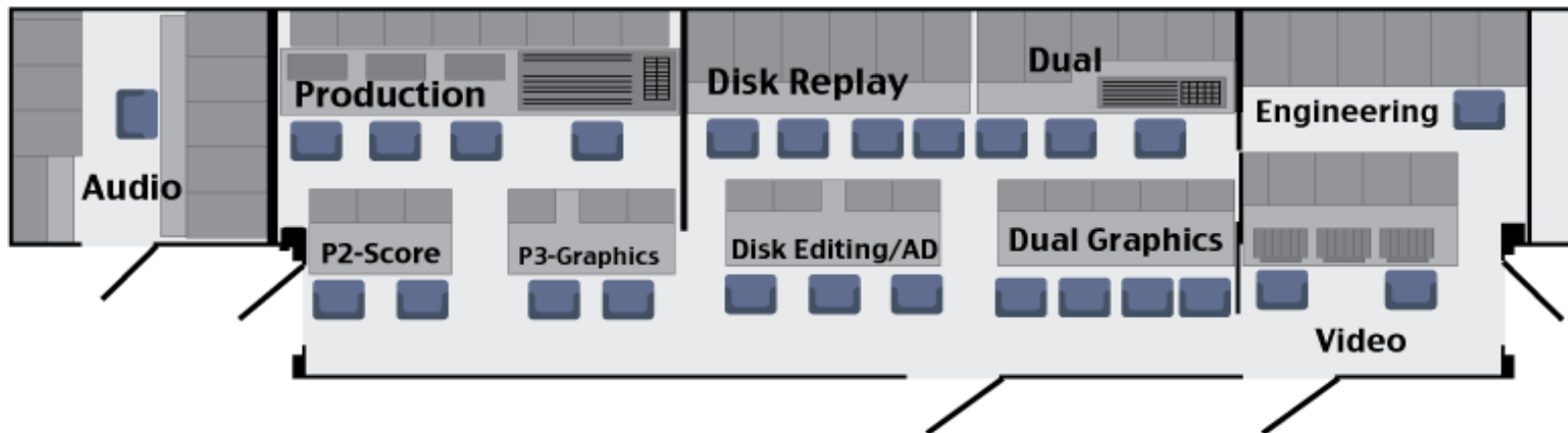


30 HDX Equipment Specifications

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



30 HDX Equipment Specifications

Production

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

Cameras/ Lenses & Support

- 9 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)
- 2 Grass Valley 3G fiber converters (SHEDS)
- 8 Canon 72x9.3 long lenses
- 3 Canon HJ17x7.6B ENG lenses
- Canon 10x4.5 ENG wide angle lens
- Canon YJ18x9B ENG lens
- Five 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 RefleX 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

- Four 6 Channel HD XT3 full editing units 4 inputs/2 outputs
- 4 Channel HD XT3 Replay Only unit 2 inputs/2 outputs
- 8 Channel Evertz Dreamcatcher for instant replay of two 6x SSMO cameras (With file transfer of clips to EVS network) 60 hours of record.
- 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
- 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 Payout System
- Digicart E with ZIP drive
- CD Player
- DK Technologies MSD600m Audio Scope
- 6 Audio Technica AT4071A long shotguns mics
- 7 Sennheiser MKH 416 P48 short shotgun mics
- 4 Sennheiser MD-46 stick mics
- 5 EV RE50 stick mics
- 8 Sony ECM77B lavaliers
- 6 Sennheiser HMD sportscaster headsets
- 6 Daltech talkback boxes
- 6 DT12 Breakout Boxes
- 12 DT12 fanouts
- 6 Fostex portable speakers
- Fiber Booth Kit (Upon request)
- Parab dishes (Upon request)

Communications

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

Graphics

- 2 VizRTs
- For- A Telestrator with HD touchscreen
- For- A Telestrator with HD touchscreen
 - 2 ST fibers required

Engineering & Misc

- 160x448 Grass Valley Router HD-SDI
- 13 Frame sync/cross converters
 - 1 AJA FS-4, 4 AJA FS-2s, 8 AJA FS-1s for a total of 20 paths
- 12 Utility cross converters
- TSI-3000 tally system with virtual tally
- 2 Lighting Kits

Outboard Monitors

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

Cable

- 3900' Triax
 - Three 500', Eight 200', Eight 100'
- 600' 10 Line video mult
 - One 150', One 125', One 75', Five 50'
- 900' TAC singlemode fiber
 - Three 300' TAC-12
- 700' SMPTE fiber
 - Two 250', Two 100'
- 1600' DT12
 - Four 250', Four 150'
- 125' Three phase power cable
 - Set 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

Dual Audio Trailer/Traction (DAT)

This equipment is available during dual feeds

- STUDER Vista 1 (32 fader)
- 50 Mono channels, 38 stereo channels
- 16 Mono aux, 4 stereo aux
- 10 Stereo groups with Dynamics & EQ, 6 stereo busses
- Enco Hotshot2 Audio Payout System
- Digicart E with 250Mb ZIP drive
- CD Player
- 3 Sennheiser MD-46 stick mics
- 3 Sennheiser HMD sportscaster headsets
- 3 Daltech talkback boxes
- 3 RTS 4030 IFB backpacks
- 3 RTS BP325 headset boxes
- 2 Telos One Interfaces
- 2 Lighting Kits
- 900' DT12
 - Six 150'