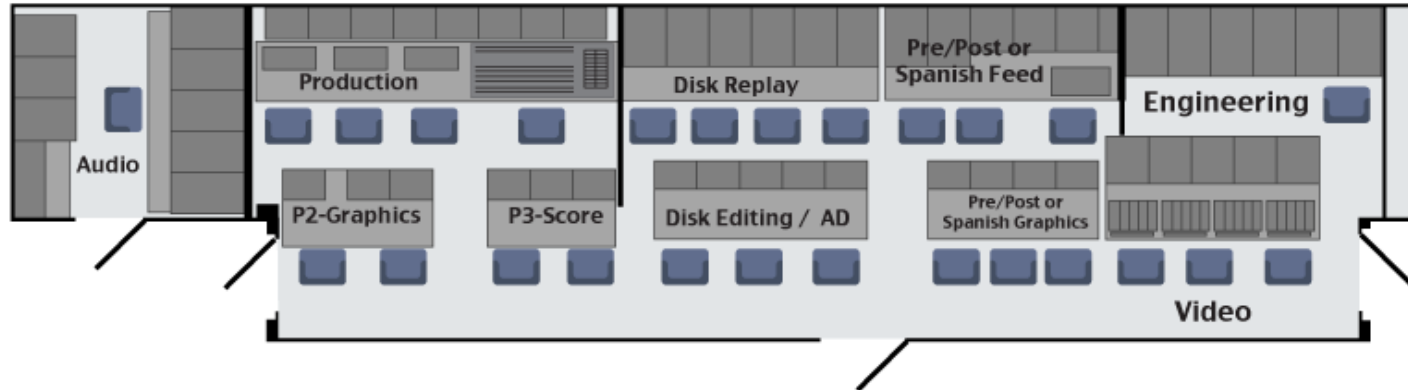


## 33 HDX & 33 VMU Equipment Specifications

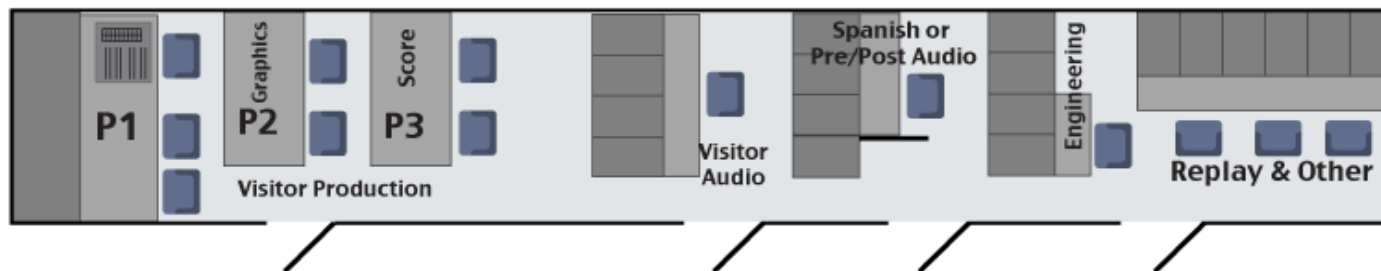
Unit A:

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



VMU-Unit B:

Length: 53' Height: 13' Width: 8'6"



# 33 HDX Equipment Specifications

## Production

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

## Cameras/ Lenses & Support

- 10 Grass Valley LDX80 Premier 720p/1080i triax cameras
- 2 Grass Valley LDX86 universe super slow mo cameras (Upon request. Can be used as regular live camera)
- 2 Grass Valley 3G fiber converters (SHEDS)
- 8 Canon XJ76x9 long lenses
- Canon 72x9.3 long lens
- 4 Canon XA17x7.6 ENG lenses
- Canon HJ11x4.7 ENG wide angle lens
- Five 2" ENG VFs
- Studio Config Kit LCD VF
- Panasonic AG-HPX370 with fiber (2 Single mode fibers per camera required)
- 9 Grass Valley Reflex SuperExpander long lens adapter
- 9 Vinten Vector 75 heavy duty pan/tilt heads
- 9 Mathews MT1 heavy duty tripods
- 5 Gitzo ENG tripods with Libec H85 pan/tilt heads
- 2 SD LPS clock cameras

## Replay, Spotbox and Edit Systems

- Two 12 channel EVS XT3 full editing units
  - Can be split into 2 operator positions each with 4 inputs/2 outputs
  - 2 Positions use LSM connect (No VGA)
- 6 Channel EVS XT3 LSM, 4 inputs/2 outputs
- 4 Channel EVS XT3 replay only, 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 channel per show during dual feeds)
- Lance TDC-100 Disk Controller
- XFile3 with USB 3.0
- Gig-E network available
- 3 DVD recorders/players
- Panasonic P2 Deck AG-HPD24P
- Up to 6 replay operator positions

## Audio

- CALREC Artemis Beam Audio Mixer (48 fader) 256 routable inputs via MADI, 64 analog inputs/64 analog 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 II with 320 Keyboard
- CD Player
- 6 Audio Technica AT4071A long shotgun mics
- 6 Sennheiser MKH 70 P48 short shotguns mics
- 10 Sennheiser MD 46 stick mics
- 12 Sony ECM77B lavaliers
- 12 Sennheiser HMD sportscaster headsets
- 9 Daltech talkback boxes
- Yamaha CL1 Audio Mixer
- RTW TM7 audio scope
- 6 DT12 Breakout Boxes
- 14 DT12 fanouts
- 6 Fostex portable speakers
- Fiber Booth Kit (Upon request)
- 2 Parab Dishes (Upon request)

## Communications

- RTS ADAM-M Matrix System
- 96 analog ports
- 12 Channels of IFB
- 12 Channels of PL
- 13 RTS 4030 IFB beltpacks
- 18 RTS BP325 headset boxes
- 4 Telos One Interfaces
- 3 RTS TIF 2000As
- 16 Line phone system
- 6 Two-Way Radios with 2 base stations

## Graphics

- VizRT (provided for Fox shows only)
- Chyron HyperX3
- For-A Telestrator with HD touchscreen
- Fox Box (provided for Fox shows only)

## Engineering & Misc

- 198x480 Evertz 3G router
- 1296x1456 Evertz Audio Router
- Embedded audio, 18 MADI, 48 AES, 96x192 analog
- 16 Frame sync/cross converters
  - 16 Harris X-50s
- 12 Utility cross converters
- 16 Channel embedded audio
- 2 Lighting Kits

## Outboard Monitors

- Fifteen 15" Outboard HD LCD video monitors
- Four 20" Outboard HD LCD video monitors
  - Capability to provide HD program to booth (If fiber is available)

## Cable

- 7250' Triax
  - Seven 500', Eleven 250', Ten 100'
- 1800' TAC Singlemode fiber
  - Two 300' TAC-12, Six 150' TAC-12, Two 150' TAC-6
- 700' SMPTE fiber
  - Two 250', Two 100'
- 2750' DT12
  - Five 250', Ten 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

# 33 VMU Equipment Specifications

The following equipment is available to the Visitor Feed in addition to 33 HDX A Unit equipment. This trailer is fully networked to the A Unit with extensive fiber connectivity. All cameras and record trains are available to both trailers.

## Production

- 3 Stripe Switcher Panel
- 3 M/Es assigned to visitor show
- Up to 48 images in production wall

## Replay, Spotbox and Edit Systems

- XFile3 with USB 3.0
- 2 Channels of Spotbox from A Unit
- Lance TDC-100 disk control
- DVD recorder/player
- Up to 3 EVS operator positions

## Audio

- 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 Playout System
- Digicart II Plus with 250 Mb ZIP drive
- CD Player
- 3 Sennheiser MD 46 stick mics
- 5 Sennheiser HMD sportscaster headsets
- 3 Daltech talkback boxes
- 2 Sound devices MP- line amps

## Communications

- RTS Intercom System integrated with A Unit
- RTS ADAM 48 port Matrix System
- 8 Channels of IFB
- 3 RTS 4030 IFB beltpacks
- 3 RTS BP325 headset boxes
- 2 Telos Hx2 Digital Telephone Interfaces
- 2 RTS TIF 2000As
- 2 Two-Way Radios with base station

## Graphics

- VizRT (Upon request)
- Chyron HyperX3 HD (Upon Request)
- For-A Telestrator with HD touchscreen (Upon Request)

## Engineering & Misc

- 2 Lighting Kits
- Panasonic AG-HPX370 fiber camera with lens and tripod (2 Single mode fibers required) (Booth)

## Cable

- 600' DT12
  - Four 150'
- 225' Three phase power cable
  - Set of 100', 75', and 50'
- Additional cable available if shipped separately

## Power Required

- 208 VAC, three phase, 150 amps