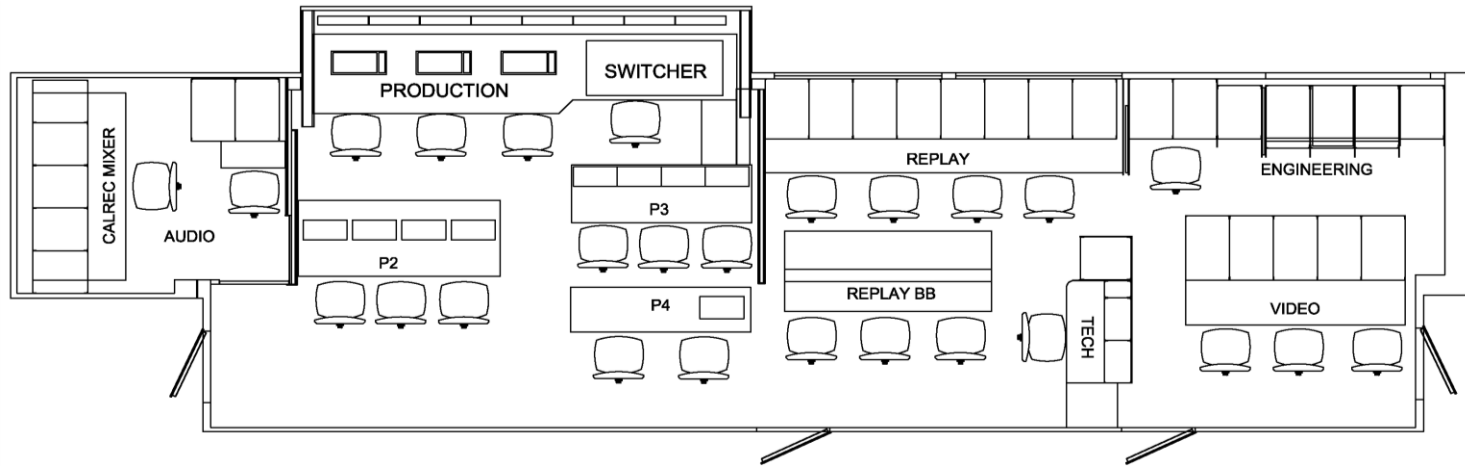


# 39 FLEX Equipment Specifications

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



Production



Replay



Audio



Video Shading



# 39 FLEX Equipment Specifications

## Production

- Grass Valley HD/UHD Kayenne K-Frame switcher
- 9 M/Es, 192 inputs/96 outputs HD, 4 M/Es, 48 inputs/24 outputs UHD
- Internal Image Store
- 12 iDPMs, 2D DPMs, FlexiKey, DoubleTake
- 32 Chroma Keyers
- 4 Stripe (M/E) control panel
- Up to 123 images in production wall
  - [Click here for monitor wall](#)

## Cameras/ Lenses & Support

- 12 Sony HDC-4300 UHD/SSMO fiber cameras with HDR
  - *SSMO Upon request*
- 12 SMPTE to singlemode converters (SHEDS)
- 2 Fujinon UA107x8.4 UHD long lenses
- 2 Fujinon XA99x8.4 long lenses
- 4 Fujinon XA77x9.5 long lenses
- 2 Fujinon ZA22 x7.6 ENG lenses
- 2 Fujinon UHD UA18x5.5 ENG lenses
- Four 2" ENG VFs
- Studio Config Kit with LCD VF
- 8 Hard Camera Sleds with 7" OLED VFs
- 8 Vinten Vector 75 heavy duty pan/tilt heads
- 8 Mathews MT1 heavy duty tripods
- 4 Miller Arrow X7 ENG tripod/pan/tilt heads
- 2 SD LPS clock cameras

## Replay, Spotbox and Edit Systems

- 3 EVS XT4Ks full editing replay servers with 16 channels of embedded audio
  - *6 inputs/6 outputs when truck is running in UHD mode*
  - *2 SSMD, 16 HD inputs/10 HD outputs when truck is running in SSMD mode*
  - *24 HD inputs/12 HD outputs when truck is running in HD mode*
  - *2 XT4Ks can be split into 2 operator positions each with 4 inputs/2 outputs*
  - *2 Positions use LSM Connect (No VGA)*
  - *XT4K supports AVC, XAVC, DNxHD, and ProRes codecs*
- 4 Channel EVS XS3 server for Spotbox (720p, 1080i, 1080p)
- Codecs supported:
  - *AVC-Intra class 100*
  - *XAVC-Intra class 100*
  - *Avid DNxHD® (120/145Mbps)*
  - *Avid DNxHD® High Level (185/220Mbps, 8-bit and 10-bit)*
  - *Apple ProRes® 4:2:2 SQ (120/145Mbps)*
  - *Apple ProRes® 4:2:2 HQ (185/220Mbps)*
  - *Apple ProRes® 4:2:2 LT (85/102Mbps)*
- Lance TDC-100 Disk Controller
- XFile3 with USB 3.0
- 10 Gbs and 3 Gbs SDTI, and GigE network
- DVD recorder/player
- Up to 6 replay operator positions

## Audio

- CALREC Artemis Beam Audio Mixer (56 fader) 384 routable inputs via MADI, 64 analog inputs/64 analog outputs
- RTW TM7 audio scope
- Audio Board can output multiple channels for surround sound
  - *Encoders for surround sound are the clients responsibility*
- Digicart EX with SD card slot
- CD player
- 8 Sennheiser MKH 416 short shotgun mics
- 6 Sennheiser MKH 70 P48 long shotguns 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
- 4 Sound devices MP-1 line amps
- 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
- 64 Ports of OMNEO, 64 channels of MADI, 64 analog ports
- 12 Channels of IFB
- 12 Channels of PL
- 12 RTS 4030 IFB beltpacks
- 12 RTS BP325 headset boxes
- 4 Telos Hx2 Digital Telephone Interfaces
- 4 RTS TIF 2000As
- 12 Line phone system
- 8 Two-Way Radios with 2 base stations

## Graphics

- Chyron Mosaic Duo with clip option (2 Channels HD or 1 channel UHD)

## Engineering & Misc

- 576x828 Evertz 3G/UHD router
- 9,216x18,432 Evertz audio router
- Embedded audio, 18 MADI, 48 AES, 96x192 analog
- 12 AJA FS1-X HD Frame sync/cross converters
- 14 AJA FS-HDR frame syncs
- Evertz UHD up/down converter with HDR conversion
- 6 Evertz UHD upconverters with HDR conversion
- 8 Cobalt UHD downconverters
- 12 AJA HD utility cross converters
- 2 Lighting Kits

## Outboard Monitors

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

## Cable

- 3750' TAC singlemode fiber
  - *Five 250' TAC-12, Ten 250' TAC-6*
- 525' 10 Line video mult
  - *Two 125', three 75', one 50'*
- 5800' SMPTE fiber
  - *Two 500', ten 250', thirteen 100'*
- 2000' DT12
  - *Five 250', Five 150'*
- 175' Three phase power cable
  - *Set 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*