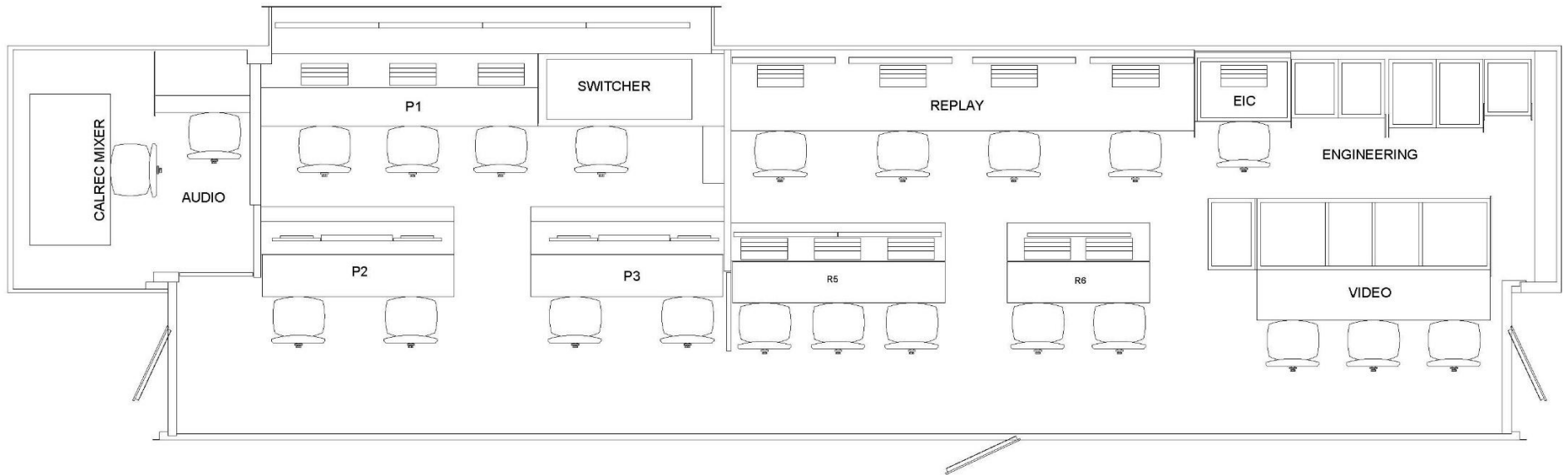
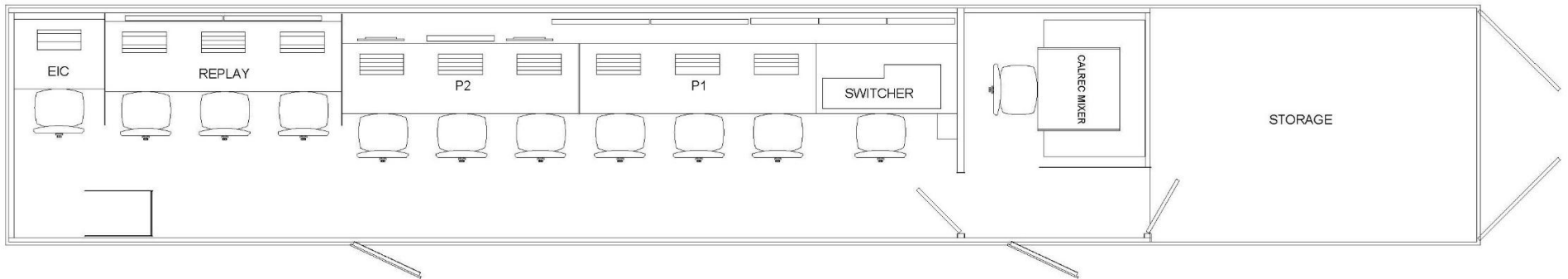


58FLEX & 58VMU Equipment Specifications

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



Length: 22' 7" Height: 13'5" Width: 8'



58FLEX Equipment Specifications

Production

- Grass Valley Kayenne K-Frame XP switcher
- 7 M/Es, 96 inputs/48 outputs
- Internal Image Store
- 8 iDPMs, 2D DPMs, FlexiKey, DoubleTake
- 32 Chroma Keyers
- 4 Stripe (M/E) control panel
- Up to 132 images in production wall

Cameras/ Lenses & Support

- 5 Grass Valley LDX98 Premier 720p/1080i/1080p fiber cameras with XCU's
- 2 Additional Grass Valley LDX98 Premier 720p/1080i/1080p fiber cameras with XCU's
- 4 Grass Valley LDX98 universe super slow mo HD/3G fiber cameras (Upon request. Can be used as regular live camera)
- Grass Valley LDX C98 single mode fiber camera with Fujinon XA20sx8.5 ENG lens with tripod (Booth)
- 11 Grass Valley HPE-300 fiber converters (SHEDS)
- 8 Canon UJ111x8.3 long lenses
- Additional Canon UJ111x8.3 long lenses if using VMU
- Four 2" Color ENG VFs
- 2 Fujinon ZA22X7.6 ENG lenses
- 2 Fujinon HA18x5.5 ENG lenses
- Studio Config Kit
- 8 Hard camera sleds with 7" OLED VFs
- Additional hard camera Sleds with 7" OLED VF if using VMU
- 8 Vinten Vector 75 heavy duty pan/tilt heads
- Additional heavy duty pan/tilt head if using VMU
- 8 Mathews MT1 heavy duty tripods
- Additional heavy duty tripod if using VMU
- 4 ENG tripod/pan/tilt heads
- 2 HD LPS clock cameras

Replay, Spotbox and Edit Systems

- Four 12 channel EVS XT-VIA full editing replay servers with 16 channels of embedded audio
 - 4 SSMO, 16 HD inputs/12 HD outputs when truck is running in SSMO mode
 - 2 XT-VIAs can be split into two operator positions each with 4 inputs/2 outputs
 - 32 HD inputs/16 HD outputs when truck is running in HD mode
 - Two positions use LSM Connect (No VGA)
- 4 Channel EVS XS VIA server for Spotbox (2 channels per show during dual feeds)
- Codecs supported:
 - XAVC-Intra class 300 and 480 codec for UHD-4K
 - DNxHR for UHD4K (available in Q4 2018)
 - XAVC-I, AVC-I, DNxHD and ProRes for HD/FHD
 - MJPEG and H.264 proxy onboard
- Lance TDC-100 Disk Controller
- XFile3 with USB 3.0
- XHUB-VIA 10G for server to server transfers
- 10G Network for XFile transfers
- Up to 6 replay operator positions

Audio

- CALREC Argo S Audio Mixer (60 fader) 256 routable inputs via MADI, 64 analog inputs/64 analog outputs
- RTW TM7 audio scope
- Audio Board can output multiple channels of surround sound
 - Encoders for surround sound are the clients responsibility
- Enco Hotshot2 audio playout system
- 8 Sennheiser MKH 416 short shotgun mics
- 6 Sennheiser MKH 8070 P48 long shotguns mics
- 11 Sennheiser MD 46 stick mics
- 6 Sony ECM77B lavaliers
- 4 Crown PCC-160 Cardioid Microphones
- 7 Sennheiser HMD sportscaster headsets
- 6 Studio Technologies talkback boxes
- 3 Whirlwind MD-1 Mic/Line Drivers
- 4 Sound devices MP-1 line amps
- 3 Cloud CL-1 Mic activator
- 4 DT12 Breakout Boxes
- 12 DT12 fanouts
- 5 Fostex portable speakers
- Fiber Booth Kit (Upon request)
- Parab dishes (Upon request)

Communications

- RTS Odin Digital Intercom System
- 112 ports of OMNEO, 20 channels of MADI, 32 analog ports, 16 ports of RVON
- 12 Model 381 Talent Amplifiers for IFB
- 18 RTS DBP-5F headset boxes
- 2 Telos Hx2 digital telephone interfaces
- 4 RTS TIF 2000As
- 12 Line phone system
- 8 Two-Way Radios with 2 base stations

Graphics

- Remote graphics (Upon request)
- For-A Telestrator with HD touchscreen
 - 2 ST fibers required

Engineering & Misc

- 128 Port Evertz NATX IP router
- 10,240x10,240 Evertz audio router connected via IP to CALREC
- Embedded audio, 18 MADI, 48 AES, 96x192 analog
- 9 Frame sync/cross converters with fiber inputs/outputs
 - 2 AJA FS1-Xs, 7 AJA FS-HDRs for a total of 32 paths
- Ross Ultracore tally system with virtual tally
- 2 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'
- 3,650' TAC singlemode fiber
 - One 500', Seven 300' TAC-12, Seven 150' TAC-12
- 4,470' SMPTE fiber
 - Two 500', Eight 250', Twelve 100', Nine 30'
 - Two 6 line SMPTE mults 150'
- 2300' DT12
 - Five 250', Seven 150'
- 175' Three phase power cable
 - Set of 100', 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

58VMU Equipment Specifications

The following equipment is available to the Visitor Feed in addition to 58FLEX 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 trailer

Production

- 3 Stripe Karrera switcher control panel
- 3 M/Es assigned to visitor show
- Up to 63 images in production wall

Replay, Spotbox and Edit Systems

- XFile3 with USB 3.0
- 2 Channels of Spot Box from A Unit
- Lance TDC-100 Disk Controller
- Up to 2 EVS replay operator positions
- One position uses LSM connect (No VGA)

Audio

- CALREC Brio 36 (36 fader)
 - 24 Mic/line inputs
 - 16 Analogue outputs
 - 8 AES3 digital inputs, 8 AES3 digital outputs
 - 8 GPI + 8 GPO
 - Loudness meters
 - Delay available on every path
 - Up to 96 legs assignable as mono, stereo, or 5.1 input channels
 - 36 legs assignable as mono, stereo or 5.1 mains or groups
 - 24 legs assignable as mono or stereo auxes
 - Up to 96 legs assignable as Insert sends and returns
 - Up to 96 legs assignable as Direct, or Mix-Minus Outputs
 - Every input channel and group path have expander/Gate/Ducker, with key input and sidechain EQ; a compressor with key input and sidechain EQ and multiband compressor
 - Every aux has expander/gate and compressor
 - Every main has a single band compressor and multiband compressor
- Enco HotShot2 audio playout system
- 5 Sennheiser MD 46 stick mics
- 5 Sennheiser HMD sportscaster headsets
- 5 Studio Technologies talkback boxes
- Sound devices MP-1 line amp
- Cloud CL-1 Mic activator

Communications

- RTS Intercom system integrated with A Unit
- 6 Model 381 Talent Amplifiers for IFB
- 6 RTS DBP-5F headset boxes
- Telos Hx2 digital telephone interface
- 2 RTS TIF 2000As from A Unit
- 2 Two-Way Radios with base station

Engineering & Misc

- Lighting Kit
- Grass Valley LDX C92 single mode fiber camera with Fujinon XA20sx8.5 ENG lens and tripod (For Booth)

Outboard Monitors

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

Cable

- 900' DT12
 - Six 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