

GTX-18 Technical Specifications

Video Production

Grass Valley HD Kayenne Elite K-Frame Switcher
192 Inputs / 96 Outputs / 9 Mix Effects
(6) Downstream Keyers per M/E
FlexiKey Programmable Clean Feed
12 iDPM / 4 eDPM / 4 Chroma Keys per Full M/E
DoubleTake
Grass Valley K2 Summit 4-Channel Clip Store
Evertz 576x1134 w/ Xlink HD Router
32 GB Still Store
KSP 1 M/E Soft Panel GUI
(1) **EVS XS Spot Box w/ Interface & Lance Controller**

Record/Replay

(4) **EVS XT4K 12-Channel LSM** (w/ SSMO Option)
(2) **DNF Slow Motion Controllers**
(2) **EVS XFile 3 Archive Station**
(2) **EVS XHub3**
(2) **EVS IP Director Package**
(1) **EVS C-Cast Agent**
(1) **Sony HDW-2000 HDCAM**
(2) **Panasonic AJ-HD1800 DVCPro**
(8) **KiPro Ultra Plus w/ 16 1TB Drives**
(4) **Black Magic 4K Video Assist w/ Dual SD Card & USB Thumb Drive Recorder**
(4) **DVD SD Recorder/Players**

Graphics *Upon Request

Cameras & Accessories

4K Software w/ HDR Unlocked on all cameras
(14) **Sony HDC 4300L Multi-Format Camera** *Fiber Operation Only**
(2) **Sony HDCP-43 POV Camera** *Fiber Operation Only**
4 Point Star Filters & Variable Speed Shutter Available
(8) **Sony HDLA Lens Adapter**
(8) **Vinten VECTOR 750 Panhead & Heavy Duty Tripods**
(3) **Vinten Dolly Wheels for Hard Cameras**
(4) **Studio Build-Up Kits for Handheld Cameras**
(3) **Fujinon 4k 14x4.5 Wide Angle Lenses**
(5) **Fujinon 4K 18x5.5 Lenses**
(1) **Fujinon 4K 22x7.8 Handheld Lenses**
(8) **Fujinon 4K 107x8.4 Studio w/ Stabilization**
Mobile Unit Wired For 24 Cameras

Microphones/Speakers

(14) **Sennheiser MKH 416 Shotgun Mics**
(2) **Sennheiser MKE 44-P Stereo Mic**
(6) **Sennheiser MD 46 Stick Mics**
(2) **Sennheiser MKH 70 Shotgun Mics**
(6) **Sony ECM 77B Lavalier Mics**

Production Monitor Wall

Evertz VIP-X Routing & Multi-Image Display
(18) **31" Custom Boland 4K Monitors 4096x2160**

External Monitors/Converters

(5) **12" HD LCD Field Monitors 16:9**
(2) **15.6" 4K Color Monitors**
(4) **17" HD LCD Field Monitors 16:9**
(2) **23.8" 4K Color Monitors**
(17) **Rattlers - ST Fiber to HD/SDI**
(4) **HD/SDI to HDMI Converter**

System/Routers

(2) **Evertz Master Sync and Timecode Generator with 4K**
Evertz Changeover
Evertz Digital Time Displays
Evertz 560x1134 w/ Xlink HD Router
(20) **Evertz 7814 UDX DualPath Frame Sync**
(5) **AJA FS2 Frame Synchronizer/Converter 4K/3G/HD Up/Down/Cross**
(1) **Cobalt HD Color Corrector**
(1) **ForA 5-Channel HD Color Correctors/Frame Sync**
(1) **DSS Receiver**

Video Shading

Sony 30" BVMX 300-2 Monitor
(3) **Sony OLED BVME171 monitors w/HDR**
(3) **Tektronix 4K WFM/Vector Scopes**
(1) **Tektronix 3G WFM/Vector Scopes (in engineering)**

F&F PRODUCTIONS, LLC

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Intercom/Communications

- RTS Adam 144x144 Matrix
(1) 64-Channel MADI Card
(16) IFB Channels
(18) RTS KP 32 Keypanel
(12) RTS KP 12 Keypanel
(15) RTS 4030 IFB Beltpack
(25) RTS BP-325 Dual Channel Programmable Beltpack
(4) RTS TIF 2000 Digital Telephone Interface
(1) Phone System (12 Lines)
(3) QKT
(4) Ringdown Circuits
(6) Motorola 2-Way Radios w/ 2 Base Stations
(15) Single Muff Headsets
(10) Double Muff Headsets
(20) Lightweight Headsets
(6) Sennheiser HMD-25 Announcer Headsets
(6) Daltech Talkback Boxes
(2) RTS Telex SPK 300

Fiber Booth Kit

- Calrec Hydra
32x32 Audio
4x10 HD/SDI
(2) KP Ports
(2) 10/100/1G-LAN
(2) Router Controls

Lighting

- (2) Lowell Light Kits w/ 4 Instruments each

Audio

- Calrec Apollo Digital Console w/Bluefin2
(72) Faders w/ Hydra2
LCD Bar Graph and VU Metering
MADI Interface – 2-Streams
128x128 AES Audio
128x128 Analog Audio
Dual Processor Engines
Yamaha SPX2000 Multi-Effects Processor
Rane Audio Delays dbx 166 XL Compressors
(2) dbx 1046 Quad Compressors
(1) 360 Systems Digicart/E Ethernet Audio Recorders w/ SD Card
(1) 360 Systems Digicart/E Ethernet Audio Recorders w/ Zip Drive
ENCO EDAD Digital Audio Server
(1) CD Player
(1) DTS Neural Loudness Meter
(2) DTS Neural Upmix Decoders
(2) DTS Neural Downmix Encoders
(2) DTS Neural Mono to Stereo 4-Channel Synthesizers
Genelec 5.1 Surround Sound Monitoring
DK Stereo Surround Audio Display
RTW Stereo Surround Audio Display
(20) Embedders / De-embedders
*Upon Request 96 Channel Hydra Stage Box

Cable

- 15000' SMPTE
3000' DT 12 Audio Mults
2000' Coax Video (Various Lengths)
1500' Single Mode Tac 12
5-Pair Coax Mults (Various Lengths)
10-Pair Coax Mults (Various Lengths)

Power Requirements

- 3-Phase
208 Volt
400 Amps
200 Amp Environmental
200 Amp Technical
Maximum Distance From Power Panel: 150'

A-Unit Dimensions (Expanded)

- W/ Tractor: 74' L x 13'6" H x 16' W
W/O Tractor: 56' L x 13'6" H x 16' W
Working Footprint: +5' Around
Expands: Curb Side

B-Unit Dimensions w/liftgate

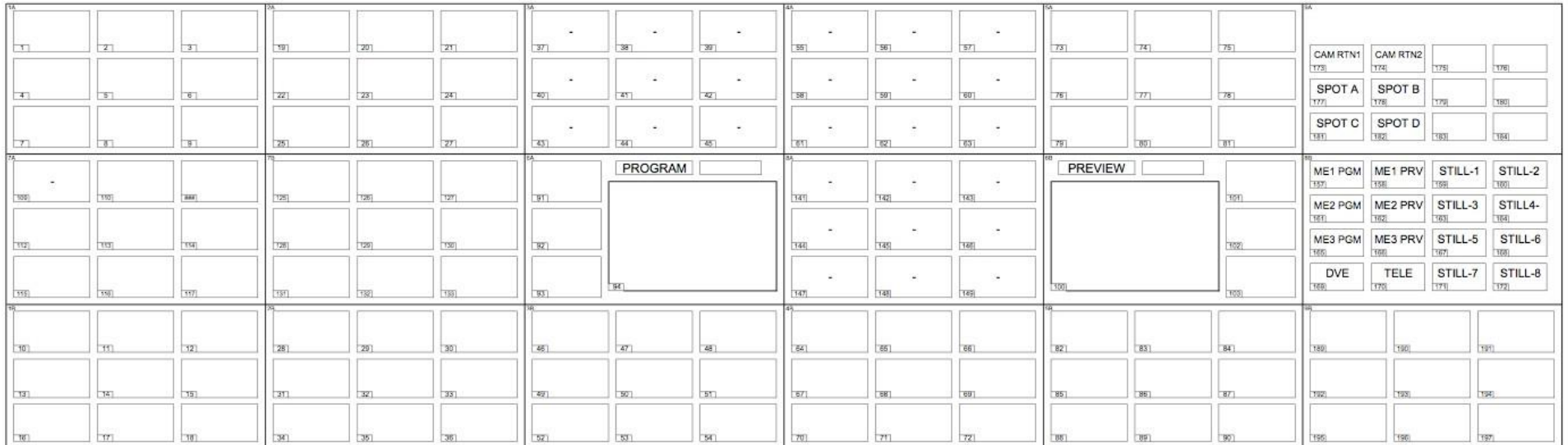
- W/ Tractor: 73' L x 13'6" H x 8'6" W
W/O Tractor: 55' L x 13'6" H x 8'6" W
Working Footprint: +5' Around

**Upon Request
Closed Captioning Device
Telestrator*

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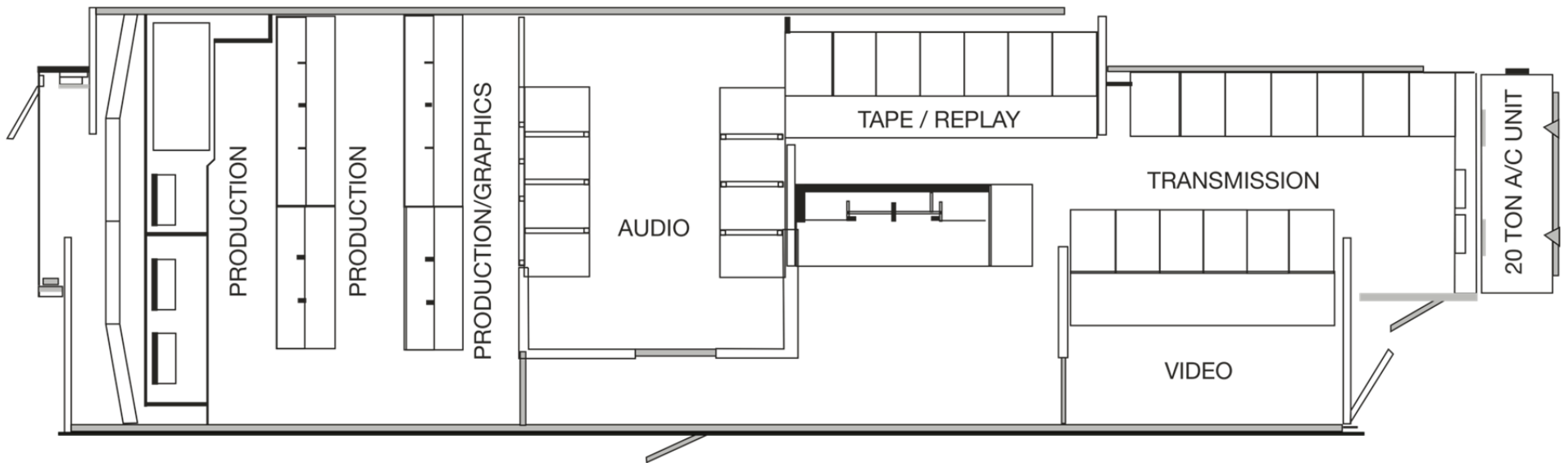
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