

## GTX-19 Technical Specifications

### Video Production

#### **Grass Valley HD Kayenne Elite K-Frame X 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 576x1152 w/ Xlink HD Router**

#### **64 GB Still Store w/movies**

KSP 1 M/E Soft Panel GUI

(1) **6 Channel VIA Spot Box w/ Interface & Lance Controller**

### Record/Replay

(4) **12 Channel VIA EVS LSM (w/ SSMO Option)**

(2) **EVS XFile 3 Archive Station**

(2) **EVS XHub3**

(1) **EVS IP Director Package**

(1) **EVS C-Cast Agent**

(1) **Sony SRW -5500 VTR**

(8) **KiPro Ultra Plus w/ 16 1TB Drives**

(4) **4 Channel AJA Pro Go USB Recorders**

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 Routing & Multi-Image Display**

(18) **31" Custom Postium 4K Monitors 4096x2160**

### External Monitors/Converters

(4) **12" HD LCD Field Monitors 16:9**

(2) **15.6" 4K Color Monitors**

(8) **18" HD LCD Field Monitors 16:9**

(2) **23.8" 4K Color Monitors**

(12) **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 576 x1152 w/ Xlink HD Router**

(20) **Evertz 7814 UDX DualPath Frame Sync**

(5) **AJA FS4 HDR Frame Synchronizer/Converter 4K/3G/HD Up/Down/Cross**

(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 160x160 Matrix  
(1) 64-Channel MADI Card  
(2) OMNEO 64 Cards  
(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  
(6) RTS TIF 4000 Digital Telephone Interface  
(1) Phone System (12 Lines)  
(4) 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-26 Announcer Headsets  
(6) Studio Technologies Model 21 Talkback Boxes  
(4) RTS Telex SPK 300 Biscuit Boxes

### 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 – 4-Streams  
128x128 AES Audio  
128x128 Analog Audio  
64 x 64 Dante  
Dual Processor Engines  
Yamaha SPX2000 Multi-Effects Processor  
3 Behringer 2 Channel Composer MDX2600  
3 Behringer 4 Channel Composer MDX4600  
(2) 360 Systems Digicart/E Ethernet Audio Recorders w/ SD Card  
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  
RTW Stereo Surround Audio Display  
(10) De-embedders  
\*Upon Request 64 Channel Hydra Stage Box  
48 x 16

### 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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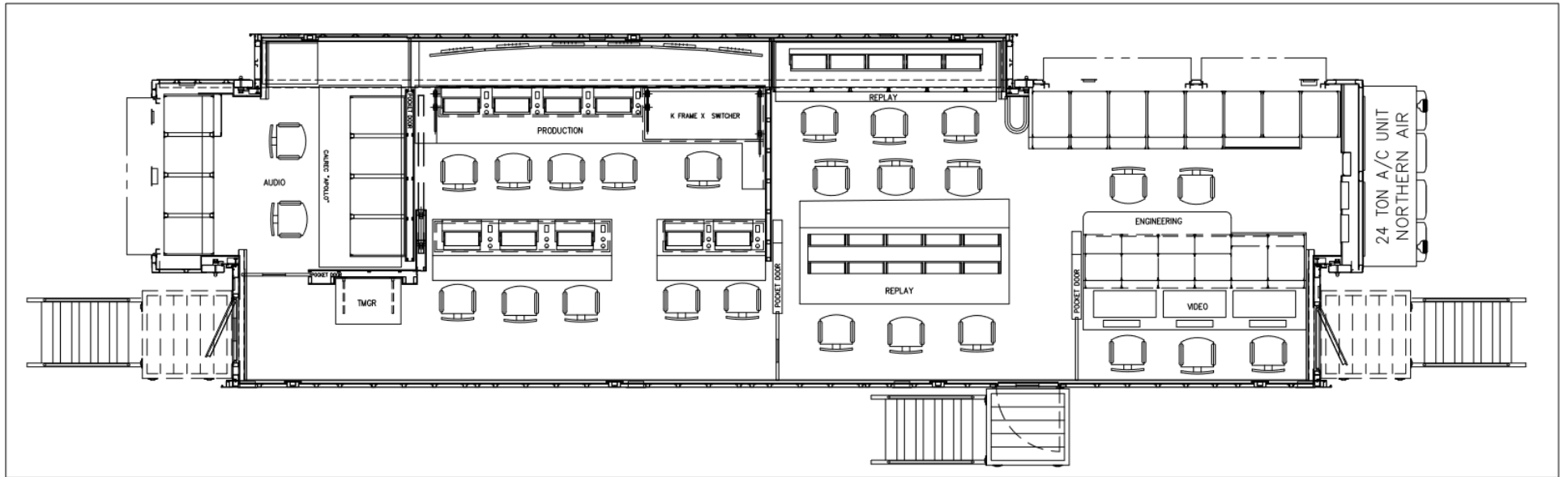
# GTX-19 Technical Specifications

1A 1 2 3	2A 19 20 21	3A 37 38 39	4A 55 56 57	5A 73 74 75	6A CAM RTN1 173 CAM RTN2 174 SPOT A 177 SPOT C 181 SPOT B 176 SPOT D 182 179 180 183 184
4 5 6	22 23 24	40 41 42	58 59 60	76 77 78	
7 8 9	25 26 27	43 44 45	61 62 63	79 80 81	
1A 100 101 102 103 104 105	2A 125 126 127 128 129 130 131 132 133	3A PROGRAM 141 142 143 144 145 146 147 148 149	4A 140 141 142 143 144 145 146 147 148 149	5A PREVIEW 150 151 152 153 154 155 156 157 158 159	6A ME1 PGM 157 ME1 PRV 158 ME2 PGM 161 ME2 PRV 162 ME3 PGM 166 DVE 169 ME1 STILL-1 159 ME2 STILL-3 163 ME3 STILL-5 167 TELE 170 STILL-2 160 STILL-4 164 STILL-6 168 STILL-7 171 STILL-8 172
10 11 12 13 14 15 16 17 18	28 29 30 31 32 33 34 35 36	46 47 48 49 50 51 52 53 54	64 65 66 67 68 69 70 71 72	82 83 84 85 86 87 88 89 90	9A 189 190 191 192 193 194 195 196 197

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