

GTX-20 Technical Specifications

Video Production

Grass Valley HD Kayenne XP 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

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

(6) **12 Channel VIA EVS LSM** (w/ SSMO Option)

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

(2) **EVS XHub3**

(1) **EVS XHub VIA**

(1) **EVS IP Director Package**

(1) **EVS Connected Agent**

(1) **4 Channel AJA KiPro Go USB Recorders**

Graphics

*Upon Request

Cameras & Accessories

4K Software w/ HDR Unlocked on all cameras

(12) **Sony HDC 3500 Multi-Format**

(4) **Sony HDC 5500 Multi-Format** *Fiber Operation Only**

(2) **Sony HDC 1500 Multi-Format**

(8) **Sony HDLA Lens Adapter**

(8) **Vinten VECTOR 750 Panhead & Heavy Duty Tripods**

(4) **Studio Build-Up Kits for Handheld Cameras**

(3) **Fujinon 4k 13x4.5 Wide Angle Lenses**

(1) **Fujinon 4K 17x Lenses**

(1) **Fujinon 4K 18x5.5 Lenses**

(1) **Fujinon 4K 22x Lenses**

(4) **Fujinon 4K 24x7.8 Handheld Lenses**

(8) **Fujinon 4K 125x8 Studio w/ Stabilization**

Mobile Unit Wired For 24 Cameras

Microphones/Speakers

(14) **Sennheiser MKH 416 Shotgun Mics**

(8) **Sennheiser MD 46 Stick Mics**

(4) **Sennheiser MKH 70 Shotgun Mics**

(6) **Sony ECM 77B Lavalier Mics**

Production Monitor Wall

Grass Valley 821 Routing & Multi-Image Display

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

External Monitors/Converters

(6) **10" HD LCD Field Monitors 16:9**

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

(12) **Rattlers - ST Fiber to HD/SDI**

System/Routers

Grass Valley 352x608 IP Router

(2) **Tektronix Master Sync and Timecode Generator with 4K**

Tektronix Changeover

Evertz Digital Time Displays

(15) **AJA FS4 HDR Frame Synchronizer**

/Converter/4K/3G/HD Up/Down/Cross

(1) **DSS Receiver**

Video Shading

Sony 30" BVMX 300-2 Monitor

(3) **Sony OLED PVM-X1800 monitors w/HDR**

(3) **Telestream Prism MPI 2**

(1) **Telestream Prism MPI 2 (in engineering)**

F&F PRODUCTIONS, LLC

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Intercom/Communications

- RTS Adam 160x160 Matrix
(4) 64-Channel OMNEO Card
(1) RVON 32+ Card
(16) IFB Channels
(19) RTS KP 5032 Keypanel
(7) RTS KP 4016 Keypanel
(16) RTS 4030 IFB Beltpack
(30) RTS BP-325 Dual Channel Programmable Beltpack
(8) RTS TIF 4000 Digital Telephone Interface
(1) Phone System (12 Lines)
(4) QKT
(4) Ringdown Circuits
(16) Single Muff Headsets
(12) Double Muff Headsets
(20) Lightweight Headsets
(6) Sennheiser HMD-27 Announcer Headsets
(6) Studio Technologies Model 21 Talkback Boxes
(4) RTS Telex SPK 300 Biscuit Boxes

Fiber Booth Kit

- Calrec Hydra
32x32 Audio
8x4 Video
(2) 10/100/1G-LAN
(4) IFB Channels
(4) Dual Channel PLs

Lighting

*Upon Request

Audio

- Calrec Apollo Digital Console V9
(72) Dual-Faders w/ Hydra2
LCD Bar Graph and VU Metering
MADI Interface – 4-Streams
128x128 AES Audio
128x128 Analog Audio
256 x 256 Dante
Dual Processor Engines
Yamaha SPX2000 Multi-Effects Processor
4 166XL DBX Compressor
1 1046 DBX Compressor
(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
**Hydra Stage Boxes Upon Request*

Cable

- 12000' SMPTE
3000' DT 12 Audio Mults
2000' Coax Video (Various Lengths)
9000' Tac 12 (Various Lengths)
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 and Street Side

B-Unit Dimensions w/liftgate

- 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 and Street Side

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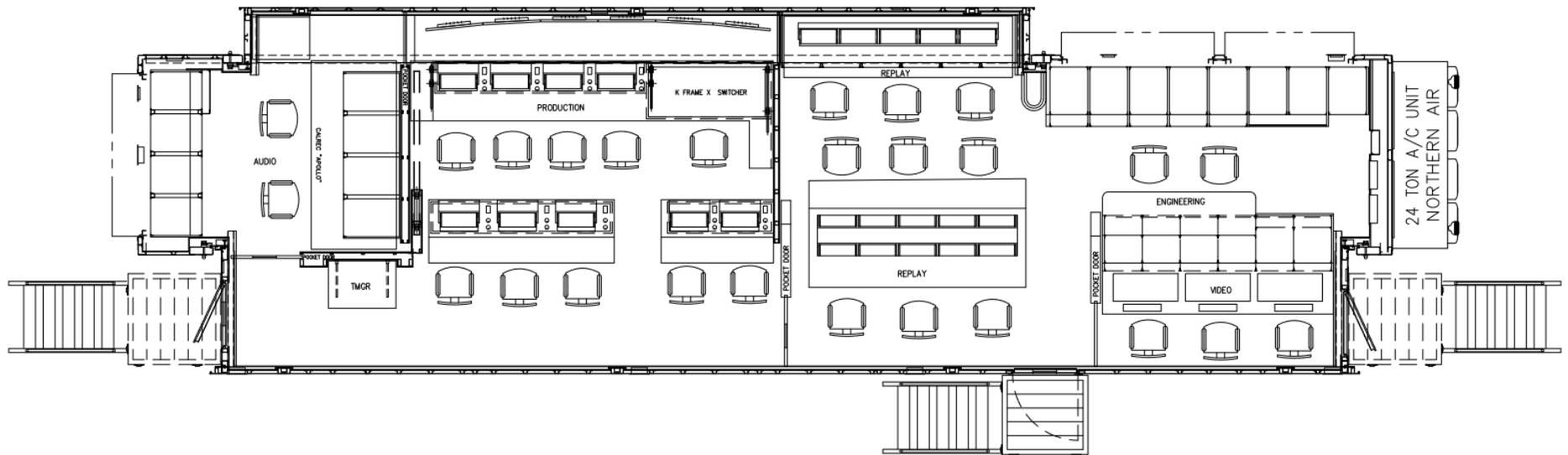
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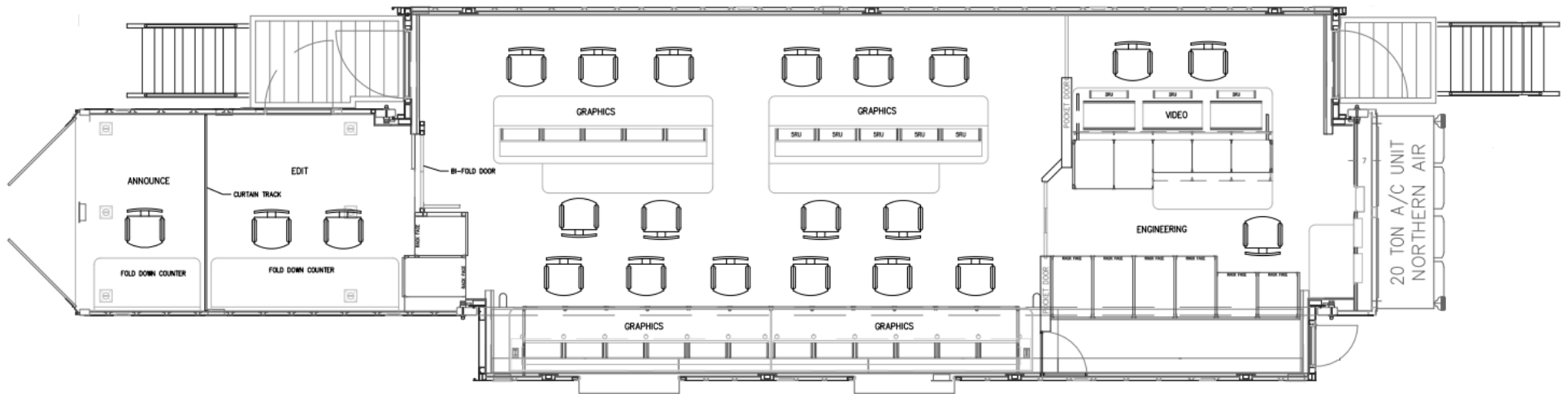


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B-20: Required with GTX-20



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