

US Mobile Units / EN2 HD Production Trucks Full Specs

Last Updated 2015-03-19 – Subject to Change



Features & Highlights

- Grass Valley Kayenne K-Frame Switcher;
- Calrec Apollo;
- Sony Cameras;
- EVS XT3 Servers;
- Operating Formats: 720p, 1080i, 1080p

B Unit

EN1 is a combination of an A and B unit

Production

- GVG Kayenne K-Frame Switcher, 128 Input, 5.5 M/E, 16 Float iDPM, 32 GB Image Store
- 1080P with 4 Channel K2 Summit Integral Clip Server
- Neuman 3 Channel (L,C,R) Speaker System w/Sub & Bass Management
- TD Monitor/Scope Package
- 1080P Capable Monitor Wall
- 1 Evertz EQX with Integrated Multiviewers
- 324 Inputs x 1152 Outputs
- 224x256 Embedding & DeEmbedding Support
- 96x96 Mono Analog Audio I/O
- 35x35 MADI I/O

Audio

- 1 Calrec Apollo w/Dual Fader Surface 72 Dual Faders, Bluefin 2 High Density Signal Processing Module Providing:
- 1020 Channels (at 48kHz) with Full Signal Processing
- 128 Mix Busses for Group and Main Outputs 96 Track Busses
- 48 Aux Busses
- 96 Mic Inputs, 96 Line Outputs, 64 AES Inputs & Outputs
- 6 MADI I/O (384x384 Channels)
- 5.1 Monitoring Capable
- 1 Calrec Artemis Beam 48 Faders - Submix
- Bluefin 2 High Density Signal Processing Module Providing:
- 64 Mic Inputs, 64 Line Outputs, 64 AES Inputs & Outputs
- 4 MADI I/O (256x256 Channels)
- 1 32x32 Hydra 2 Wall Boxes
- 1 24x8 Hydra 2 Wall Boxes (mounted in fiber kits)
- 2 Day Sequerra Upmix Surround Audio Decoder
- 2 Day Sequerra Downmix Surround Audio Encoder
- 2 Day Sequerra Stereo Synthesizer
- 1 ILM8 Loudness Meter
- 2 DBX 1046 Analog Compressors
- 2 Digicart E
- 1 Denon CD Player
- 1 D&K Digital Audio Scope

Cameras

- 16 Sony HDC-2500 Camera Chains
- 10 Sony HDLA-1500 Super Expanders
- 2 Fuji 101x Zoom Lenses
- 8 Fuji 99x Zoom Lenses
- 5 Fuji 23x HH Zoom Lenses
- 2 Fuji 14x4.5 WA Zoom Lenses
- 1 Sony PXMWX500 SXS ENG Camera
- 2 Studio Build Up Kits
- 10 Vinten Vector 750 Pan Heads
- 10 Mathews Tripods
- 6 Vinten Vision 100 Tripods & Pan Heads
- 16 SMPTE to SM Fiber Converters
- 16 SMPTE to Triax Converters
- Wired for 25 CCUs
- 4 Sony F55 Camera Chains w/HFR Option (UPON REQUEST)
- 8 Sennheiser MKH-416p Short Shotgun Microphones
- 10 Sennheiser MKE-66 Short Shotgun Microphones
- 12 Sennheiser MD46 Handheld Microphones
- 8 Electrovoice 635a Handheld Microphones
- 8 Sony ECM-55b Lavalier Microphones
- 8 Sony ECM-77b Lavalier Microphones
- 4 Fishpoles
- 20 Sound Design MP-1 Line Amps
- 10 Sound Design MM-1 Headphone Amps
- 10 Fostex Powered Speakers

Record And Playback

- 8 EVS XT[3] LSM - 8 Channel, 6-300gb drives, 10gbs Network
- 1 EVS XT[3] Spot Box - 6 Channel, 6-300gb, 10gbs Network
- 3 Sport Net 3 HUB for EVS LSM & Spot Box
- 1 EVS XF3 File Transfer System w/2 Esata/1 IDE Driver Docks
- 2 EVS IP Director System
- 1 EVS XT/Access w/2 Esata drive bays / Transcode
- 2 Panasonic DVC Pro AJ-HD 1700/1800 Decks
- 1 Panasonic AJ-PG50 P2 Reader
- 1 Sony HDW-M200
- 1 Sony PMWRX50 SxS Reader
- Wired for 17 EVS

Communications

- 320 Telex ADAM Matrix Intercom System - 2 Ethernet Controllers
- 3 RVON-VOIP Cards (RVON 16)
- 2 MADI I/O Cards (MADI 64)
- 16 Wet RTS TW PL Channels
- 16 Wet RTS IFB Outputs
- 4 QKT
- 6 Lines of Telephone Interface (TIF-400)
- 25 RTS BP-325 TW Beltpacks
- 20 RTS IFB Beltpacks
- 20 DT109 Dual Muff Headsets
- 20 DT108 Single Muff Headsets
- 6 SPK-300 Biscuit Boxes
- 16 Motorola Walkie Talkies
- 4 Motorola Base Stations Interfaced to ADAM
- 16 Microphone or Headphones for HT Radios

Microphones

- 10 Sennheiser HMD-25-1 Announcer Headsets
- 10 Studio Technologies 220 Announce Headsets
- 8 Sennheiser MKH-8070p Long Shotgun Microphones

Graphics

Wired for: 4 Graphics Devices (including VizRT)

Support Equip

- 30 Channels Up/Cross Converters (10 w/Color Correctors)
- 20 Utility HD Reclocking DAs
- 20 Utility Analog Video DAs
- 1 Time Code Reader/Generator
- 2 Direct TV HD DSS Receivers w/converter
- 2 Frequency Agile HD TV Demodulator
- 1 Fiber HD Telestrator
- 8 Fiber Media Converters (Rattlers)
- 2 Lighting Kits

Cable

- 10 100ft SMPTE Fiber (9mm)
- 2 500ft SMPTE Fiber (9mm)
- 8 250ft SMPTE Fiber (9mm)
- 10 50ft SMPTE Fiber (9mm)
- 14 25ft SMPTE Fiber (9mm)
- 4 150ft 5-wire SMPTE Fiber Looms (9mm)
- 5 TAC-12 Delphi to ST Fanouts
- 2 1500ft TAC-12 ST to ST Single Mode Fiber
- 2 500ft TAC-12 ST to ST Single Mode Fiber
- 2 250ft TAC-12 ST to ST Single Mode Fiber
- 6 Sets of SMPTE to Single Mode Breakouts
- 8 500ft Mini Triax
- 8 250ft Mini Triax
- 10 100ft Mini Triax
- 3 8-wire Triax Mults
- 8 125ft HD 5-pair Coax Looms
- 10 10ft HD 5-pair Coax Looms
- 25 100ft HD Single Line Coax
- 25 50ft HD Single Line Coax
- 50 25ft HD Single Line Coax
- 50 10ft HD Single Line Coax
- 8 250ft DT-12 Audio Mult
- 10 100ft-150ft DT-12 Audio Mult
- 10 Sets DT-12 Fanouts (M&F)
- 8 DT-12 Feed Through Boxes
- 4 100ft 4-pair XLR w/1 Set (M&F) Fanouts

- 4 50ft 4-pair XLR w/1 Set (M&F) Fanouts
- 4 25ft 4-pair XLR w/1 Set (M&F) Fanouts
- 15 100ft Single XLR
- 30 50ft Single XLR
- 50 25ft Single XLR
- 75 10ft Single XLR
- 2 Sets of 75ft Power Cable per truck
- 8 Power Ts
- 2 Turnarounds
- 8 Power Tails

Outboard Monitors

- 4 22" Flatscreen Monitors (HDSDI/Analog)
- 6 18" Flatscreen Monitors (HDSDI/Analog)
- 8 9" Flatscreen Monitors (HDSDI/Analog)

Dimensions

- A & B Units - 53' EMS expando trailer
- A Unit Tractor #517259
- 1XKAD49X3DJ369116
- PA - AG08415
- TRAILER VIN # 1E9SV5326EB45001
- PA - PT0729X
- TOTAL WEIGHT 79,040 LBS
- B Unit Tractor 10259
- 1NKAL49X9FJ442926
- PA - AG11906
- TRAILER VIN # 1E9SV5328EB455002
- PA - PT0730X
- TOTAL WEIGHT 76,720

Power

- 208 Volt 3 Phase
- A Unit: 1 400 amp or 2 200 amp Service Required
- B Unit: 1 400 amp or 2 200 amp Service Required