

PMTV-E20DE

4K / 3G / LFS Broadcast Flypack**Grass Valley Kayenne K-Frame Switcher. 96X48, 4ME / Pro Package / PS Package / Ply Pkg**

- 1 KAYN-PNL-400-35.B. 4 ME panel with 35 button control unit with redundant power, menu panel, manual set, cable.
- 1 K-FRM-100S K-FRAME Standard (13U) Frame with stand-alone power supply (1U) frame and two PS, Standard Controller Module with 1 M/E std, 6 keys, 32 In, 32 Out.
- 2 K-FRM-ME-DPM K-FRAME ME/DPM module- adds 1 mix/effects module with two processors supporting up to 4 licensable DPM's and up to 2 ME's or 2 eDPMs
- 2 K-FRM- Input K-FRM Input Module - Adds 32 inputs, 8GPI Inputs, 32 GPI outputs per input board, 1 board per frame slot
- 2 K-FRM-OUTPUT K-FRM Output Module, adds 16 dual channel outputs (32 outputs) per output board, one board per frame slot.
- 1 K-FRM-LIC-2DDPM Software License Enabling - All 2dDPMs available on licensed M/Es in the video processor frame.
- 3 K-FRM-LIC-ME Software License - Enabling mix/effects functionality on K-FRM- ME/DPM Module. One license required for every M/E.
- 1 K-FRM-LIC-3G-S Software License enabling 3G formats in the K-FRM -50S Standard Video processing frame.
- 1 K-FRM -LIC-ME-VIEW. Software license enables the capability to view add'l preview output from the M/E that displays the input videos for that M/E.
- 1 K-FRM Standard 13U Frame Spares Kit: Includes Control Processor and Fan Module.
- 1 Misc Hardware, Cables, Connectors, Wraps
- 1 Kayenne PRO Pkg K-FRM-IMG K FRAME Image Store K-FRM-LIC-IMG 16GB or 32GB. Upgradeable
- 1 K-FRM-LIC-IMG-RAMR Software License (Enables audio and up to 30 seconds video)
- 1 K-FRM-SW-OPT Software License
- 1 GVG K-FRM-LIC MLTVWR- Multiviewer Option
- 2 GVG Control Panel Road Cases
- 1 Rolling table top Road Case for Switcher op panel
- 1 UPS GXT4-6000RTL63 4200W/600VA Double Conversion UPS System
- 1 UPS 2700va GXT2 in line Power Conditioner w/backup

Ross Xpressions Live CG & Graphics Package

- 1 Fully Loaded PKG includes creation and playout software.
- 4RU Rack mount chassis. w/ current Ross HW specs. Support. UNLTD output layers. GPI Card
- 1 DataLinQ Server Option. Provides connection to external data sources such as ODBC, RSS, Excel, Access, and XML.
- 1 Xpression Custom Keyboard. Dedicated Keys for Xpression Functions. User Defined Custom keys.
- 1 Xpression CII Gateway bundle. (SW only). Chyron Intelligent Interface Protocol Automation Gateway bundle w/ QMD/QMDX GC option
- 1 Dell 24" 1080P HD Monitor
- 1 Microsoft office 2013

CAMERA SYSTEMS

- A *Sony HDC-1700 HD Fiber Camera Systems 1080i/720p
- B *Panasonic UC-3000 (1080P/4K/UHD) Camera Chains, Cameras, Lenses, CCU/RCP (ROP) CCU Serial Mode or IP Mode
- * Large Format Sensor Camera Systems:
- C *Panasonic Varicam LT 4K Super 35mm Image Sensors Cameras
- D *Arri Alexa S35 Camera Systems
- **Clients may also provide own camera systems with advance review and agreement**

RECORDING / VTR Rack

- 9 AJA KI PRO ULTRA 4K/Ultra HD & 2KHD Recorder/Player w/ 4K 60P Support
- 9 AJI PAK Media AJA PAK-512 512GB SSD
- 9 AJI PAK Media AJA PAK-1000 1TB SSD
- 1 Rolling VTR Rack Custom VTR Rolling Rack w/ Wiring and rack mounts for all decks.

AUDIO SYSTEMS

**Numerous Audio System & Intercoms Systems available

- 1 Yamaha QL1 digital board
 - 1 Sound Devices 970 recorder
 - 2 Cedar DNS 8 noise reduction
 - 1 Remote Audio Speak Easy R1
 - 1 Black Magic LCD video monitor
 - 1 Comtek BST-25 base station
- Wireless Mics, Coms available with advance request

COMS

Riedel Com Systems and RTS Systems available on advance request

TERMINAL Rack

- 1 AJA UHD/4K or 4Ch 3G A/V Frame Synchronizer
- 1 Evertz 5601 Master Clock / Sync Generator
- 1 Leader 5770 3G Wfm/ Vectorscope w/ Rackmount
- Leader 5770A Multi-monitor mainframe requiring LV577SER90A or LV5770SER08 and eye pattern & jitter measurements for 3G/HD/SDI .
- Leader 5770ser41A digital audio otion w/ 16 channels AES/EBU I/O
- 2 Cobalt Digital Digital Up/Down/ Cross Converter
- 1 Cobalt Digital VDA 2122 Digital Audio Word Clock DA Model w/ rear i/o Module
- 7 Cobalt Digital I/O Module VDA3211 Digital 20-slot Opegear Frame
- 7 Cobalt Digital VDA3210 9910 Digital Analog Video Looping 1x8 DA
- misc DA's, adapters, BNC's, wiring harnesses, HDSDI - HDMI Converters
- 1 Audio Monitor AR-DM31-B 16 Channel Digital Audio Monitor- 1RU Mainframe w/ Tru-Color LED Bar Graphic
- 1 UPS

Utah Scientific MATRIX Router

- 1 UTAH-400/288R Series 2 frame loaded 192 inputs by 192 outputs. 3G HD/SDI video. Includes dual power supplies. Plug in expansion to 288 inputs by 288 outputs. 13RU
- 1 SC-400E control system with redundant control cards and power supplies.
- 1 User configurable control and status panel. Features 16 LCD re-legendable /programmable user buttons. Panel communicates via U-NET or E-NET (1RU)
- 1 Full Matrix control and status panel. Features 12 source and 4 destination user assignable buttons, 16 level control and a 20 button keypad. E-NET interface (2RU)
- 1 64 button control and status panel. All button are programmable for source, destination and/or level selection. E-NET interface. (1RU)
- 1 Button per Source/ Destination panel. 36 buttons programable for either source, destination, or function select Features up to 72 (w/"shift" function) source buttons. E-NET interface.
- 1 misc BNC cables, parts, connectors.
- 1 Super Micro-Microsoft Server
- 1 Cisco Data Layer 2 Switch 52 Port POE
- 1 Cisco Data VPN Router
- 1 UPS

MONITORS

- 3 55" LG 4K Monitor (Video Monitor Wall) - LG 4K UHD - 55UJ7700
- 2 49" LG 4K Monitor (Video Monitor Wall) - LG 4K UHD - 49UJ6300
- 2 24" TV Logic Monitor (Video Monitor Wall) -3G - Preview / Program monitors
- 4 27" Dell 1080P Monitor S2715H. - 1080P HD Multiview Monitors
- 2 17" Panasonic HD Monitor BT-LH1710. HD Program Monitors
- 2 9" Panasonic HD Monitor BT-LH900. HD Program Monitors
- 1 17" TVLogic 3G Rack mounted HD Monitor Engineering Rack monitor, mounted in rack
- 2 40" Sony HD TV Monitor w/ Rolling stand
- 1 40" Samsung HD TV Monitor w/ Rolling stand

Multiviewer Rack

- 6 16 Ch. BlackMagic Multiviewer engineering rack and monitor wall
- 1 9 Ch. Apantec Open Gear Multiviewer Card Accepts 9 Auto-Detected 3G (level A or B), HD, SD SDI Video inputs. HDMI + SDI output
- 2 OG-Mi-9+ - Set 1 bundle: OG-Mi-9+ - MB + OG-Mi-9+ -RM
- 2 Apantec Rear Module

FURNITURE

- 1 2 Bench Production Console
- 12 Control Room Chairs



Example Configuration

