



45' Mobile Production Unit

HD ■ 1080i ■ 720p

PMTV-54762



TECHNICAL DATA SHEET

PRODUCTION

- Grass Valley Kayenne HD Production Switcher
 - 2.5 M/E
 - 3 Stripe Control Panel
 - 48x24 I/O
 - 18 Keyers, FlexiKey, DoubleTake, AMP
 - 999 Macros, 1000 E-MEMS
 - 2 Chroma Keyers
 - 4 iDPM, Kurl & Spectra, 8Gb Image Store
 - 2-Channel MatchDef Input Conversion
 - 2-Channel SetDef Output Scaling
 - 4-Channel EVS XT Spot Box
- 4 – 47" Samsung LED Monitors Fed by MultiViewers
- 2 – Utah Scientific 400 Series MultiViewer Hybrid Routers
- 3 – Flanders Scientific LM2140W PGM/PST/PVW Monitors
- 2 – Wohler 4-Channel Signal Monitoring – Producer & Director
- Genelec 5.1 Audio Monitoring
 - Lance TDC-100 Controllers

CAMERAS – LENSES – SUPPORT

- Wired for 10 Cameras
- 7 – Grass Valley LDX 80 Triax Camera Systems
- 2 – Grass Valley LDK 3000+ Triax Camera Systems
- 2 – Panasonic HVX250 Cameras
- 3 – Fuji 77x9.5 HD Lenses w/ Image Stabilization
- 3 – Fuji 17x7.6 Lenses
- 2 – Fuji 12x4.5 Wide-Angle Lenses
- 3 – Vinten Vector 75 Pan/Tilt Heads
- 4 – Vinten Vision 10AS Tripod Systems
- 2 – Vinten Blue 2ST Tripod Systems
- 2 – Dolly Wheels
- 2 – Sactler ACE Tripods
- 3 – Marshall 502 MB POV Cameras

EVS – MEDIA STORAGE

- 02 – EVS XT Nano 6-Channel Production Server
 - EVS XFile 3 Archive System
- 02 – Blackmagic HyperDeck Studio Pro Rec/Play
- 02 – Blackmagic HyperDeck Studio Mini Rec/Play
- 01 – Panasonic AG-HPD24PJ Solid-State P2
- 10 – AJA Ki Pro Rack Hard Drive Recorders
 - Each with (2) 1TB KiStor USB Drives
- 01 – DVD Recorder

GRAPHICS

- Ross XPression XST2 Dual Channel Graphics System
 - 2-Channel Output & DataLinq Option
- Ross XPression Studio v10 Graphics System
 - Build 4978, 64-Bit
- 3rd Bench Wired for 2nd CG + Clock & Score Unit

AUDIO

- Calrec Omega 5.1 Digital Mixing Console
 - 80-Channel on 40 Dual Layer Faders
 - 5.1 Splash Fader Panel
 - 160-Channel Bluefin Signal Processing
 - 64 Pairs AES Digital Audio I/O
 - 64 Analog Mic/Line Input
 - 32 Analog Output
 - 256-Channel MADI I/O
- 2-Focusrite RedNet HD64R MADI to Dante Converters
 - 128-Channel Dante
- RTW TM7 Phase Scope 5.1 Level Meter
- Genelec 5.1 8030 Surround Sound Monitoring System
- 2 – 4-Channel Wohler Audio Monitors
- 2 – DigiCart/E & RCU's
- 1 – Sony CDP-D500 CD Player
- 1 – DBX 166 Dual-Channel Compressor
- 1 – Harman Crown D-45 Amplifier
- 2 – Orban 275A Stereo Synthesizers
- 2 – Rane PE 17 Parametric EQ
- 4 – Studio Technologies 210 Announcer's Consoles
- 4 – Daltac Announce Boxes with Cough and Talkback
- 4 – Sennheiser HMD 26 Announcer's Headsets
- 2 – Sennheiser HMD 25 Announcer's Headsets
- 7 – Audio-Technica AT8015 Shotgun Microphones
- 7 – Audio-Technica BP4027 Stereo Shotgun Microphones
- 4 – Sony ECM-77 Lavalier Microphones
- 4 – Sennheiser MD-46 Handheld Microphones
- 2 – Shure SM-58 Handheld Microphones
- 2 – Electro Voice RE50 Handheld Microphones
- Motorola Radio System 1 Base Station & 5 Handhelds
- Samsung Phone System
- 4 Fostex 6301B external powered speakers
- 1 Apple MAC Mini with WAVE Dante Audio processing and Dante Control Loaded.

COMMUNICATIONS

- RTS ADAM-M 64-Port Matrix Intercom w/1 RVON 16 card
- 15 – RTS KP Keypanels (8) w/ Hot Mics
- 02 – RTS Telex TIF-951 Dual Digital Hybrid Interface
- 01 – RTS SAP-1626 Source Assignment Panel
- 10 – Powered External PL Lines
- 15 – RTS BP-325 Dual-Channel Beltpacks
- 02 – RTS SPK-300L Speaker Biscuit Box
- 12 – Beyerdynamic DT-109 Double Muff Headsets
- 12 – Beyerdynamic DT-108 Single Muff Headsets
- 17 – RTS PH-88 Lightweight Single Sided Headsets
- 01 – RTS IFB-828 8-Channel IFB Power Supply
- 08 – RTS IFB-325 Single-Channel IFB Beltpacks
- 08 – RTS 4030 Portable Dual-Channel IFB User Stations
- 08 – Telex 1IFB 1/4 inch Earsets 4 1/8 inch Earsets
- 04 – Telos One QKT/Phone Interfaces
- 01 – Lectrosonics Kit w/8xR1 IFB Receivers w/2 Transmitters
- 01 – RTS OMS with 4xTR-1800 Wireless 4 channel beltpacks and 3xAP-1800 Access Points

ALL MOBILE UNITS INCLUDE STAFF ENGINEERS.

ADDITIONAL EQUIPMENT IS AVAILABLE PER CLIENT REQUEST. CONTACT PMTV'S ACCOUNT EXECUTIVES FOR PRICING & AVAILABILITY.

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TERMINAL EQUIPMENT

- Utah Scientific 400S Hybrid Digital Routing System
 - 72x204 HD SDI I/O w/ Embedding & De-Embedding
 - 64x64 AES I/O
 - 192x192 MADI I/O
 - 1024x1024 Audio Crosspoint Matrix
- Utah Scientific AES, HD-SDI, Sync & Timecode DA's
- 5 – AJA FS2 Dual-Channel Frame Syncs
 - w/ Receivers & Transmitters
- 8– AJA FiDO-T SDI to Fiber Transmitter
- 8– AJA FiDO-R Fiber to SDI Receiver
- 3-Decimator MD-HX Cross Converters
- 2-Decimator DMON-Quads
- 1-Decimator DMON-16
- 4-Fiber Media Converter Sets
- 1-Blackmagic Design ATEM SDI 4 input portable Switcher
- 2 – Utah Scientific TSG490 SPG & Test Pattern Generator
 - w/ Auto Changeover
- 1 – Blackmagic Teranex Standard Converter
- 3 – Harris HD Waveform Vectorscopes
- 3 – Flanders Scientific 17” QC Monitors
- 1- Tektronix WFM 7200 w/Double Diamond Option
- 1 - Leader LV5750 Multi SDI Monitor
- Wohler HD/SDI & Analog Audio Monitors
- TSL TallyMan Tally Control Matrix

OUTBOARD MONITORS

- 9 – Lilliput 10.5 inch LCD Monitors (w/ bnc inputs)
- 1– Flanders Scientific 17” QC Monitor
- (8) HD-SDI to HDMI Converters

POWER REQUIREMENTS

- 150 Amp – 208 Volt – 3-Phase
- 4 Cables – 3 Hot & 1 Ground
- CamLock Connectors or Bare Wire Bindings

CHASSIS SPECIFICATIONS

- 65' L, 8'6" W, 13'3" H – With Tractor
- 45' L, 8'6" W, 13'3" H – Without Tractor



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EXTERIOR



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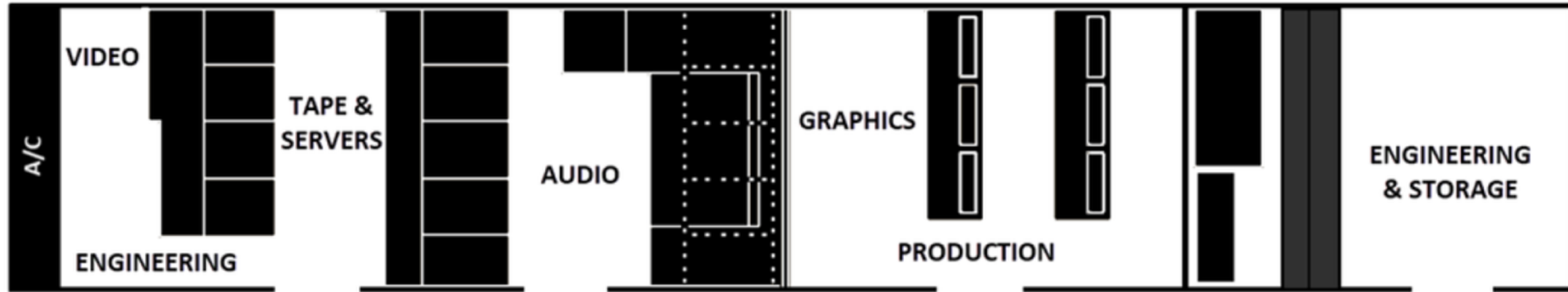
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LAYOUT – FLOORPLAN



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INTERIOR



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PRODUCTION MONITOR WALL

1-1-1	1-1-2	1-1-3	1-1-4	1-5-1	1-5-2	1-5-3	1-5-4
1-2-1	1-2-2	1-2-3	1-2-4	1-6-1	1-6-2	1-6-3	1-6-4
1-3-1	1-3-2	1-3-3	1-3-4	1-7-1	1-7-2	1-7-3	1-7-4
1-4-1	1-4-2	1-4-3	1-4-4	1-8-1	1-8-2	1-8-3	1-8-4

 PROD MON # 1 Input # 1 SW 4 Input # 2 SW 16		 PROD MON # 2 Input # 1 SW 5 Input # 2 SW 17		 PROD MON # 3 Input # 1 SW 6 Input # 2 SW 18			
MV2-1-1	MV2-1-2	MV2-2-1	MV2-2-2	MV2-3-1	MV2-3-2	MV2-4-1	MV2-4-2
MV2-1-3	MV2-1-4	MV2-2-3	MV2-2-4	MV2-3-3	MV2-3-4	MV2-4-3	MV2-4-4
MV2-5-1	MV2-5-2	MV2-6-1	MV2-6-2	MV2-7-1	MV2-7-2	MV2-8-1	MV2-8-2
MV2-5-3	MV2-5-4	MV2-6-3	MV2-6-4	MV2-7-3	MV2-7-4	MV2-8-3	MV2-8-4

1	2	3	4	5	6
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Back Bench

7	8	9	10	11	12
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Mid Bench

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