



36' HD MOBILE PRODUCTION UNIT

PMTV-3F004

TECHNICAL DATA SHEET

PRODUCTION

- Ross Carbonite Plus 2 M/E Production Switcher
- C3X Control Panel
- 24x10 I/O
- 2 Floating Chroma Keyers
- 8 Floating DVE
- 24 Frame Syncs
- 4 Media Stores
- 4 Floating MiniME Buses
- MultiViewer O/P - IMAG
- Ross ViewControl & DashBoard Live Assist
- 24 Color Correctors
- 2 Internal MultiViewers w/ 16 Monitors Each
- Red & Green Tallies
- TD Position:
- Apple Mac Mini w/ Mac OS X, Windows 10
- Ross DashBoard Software - *Switcher & Router Control*
- Planar PXL2430MW 24" Dual-Touch Monitor

CAMERAS – LENSES – SUPPORT

- 5 – Grass Valley LDK 3000 Multi-Format Cameras
- 5 – Grass Valley LDK 5630 Triax Adapters - 720p/59.94 & 1080i/59.94
- 5 – Grass Valley LDK 4580/52 Triax Base Stations
- 2 – Grass Valley LDK 8000 Multi-Format Cameras
- 2 – Grass Valley LDK 5681 Triax Adapters - 720p/59.94 & 1080i/59.94
- 2 – Grass Valley LDK 4502/52 Triax Base Stations
- 7 – Grass Valley LDK 4640/10 OCP 400 Remote Control Panels
- 4 – Carter Custom Large Lens Mount Adapters
- 4 – Grass Valley LDK 5307/00 7" HD LCD Studio Viewfinders
- 1 – Canon XJ76x9B DIGISUPER 76x Lens w/ Semi-Servo Controls
- 3 – Canon J55x9 SUPER Lenses w/ Semi-Servo Controls
- 1 – Canon J20x7.5 Super Box Lens w/ Semi-Servo Controls
- 3 – Fujinon 17x HD ENG Lenses w/ 2x Zoom
- 3 – Vinten Vector 70 Pan/Tilt Heads & Shotoku Tripods
- 3 – Secced Reach ENG Tripods
- 1 – Sony HDC-X310 HD Fiber Optic POV Camera
- 1 – Sony HFU-X310 Fiber Optic Base Station
- 1 – Sony RCP-720 Remote Control Panel
- 1 – Fujinon HSS18x5.5 XDCAM HD Full Servo Lens
- *Additional Cameras, Lenses & Equipment Available Per Request*

REPLAY – RECORD

- 2 – Grass Valley K2 Summit w/ Dyno Replay & ChannelFlex
- 4 Record & 2 Playback OR 6 Record & 1 Playback
- 2 – AJA Ki Pro Rack Hard Disk Drives – *Wired for 8 Ki Pro's*
- Apple ProRes & Avid DNxHD Codecs
- 8 – AJA 750GB KiStor Removable Hard Disk Drive
- 1 – Panasonic AJ-HD1200AP DVCPRO HD VTR
- 1 – Blackmagic Design UltraStudio 4K H.264 Pro Recorder

GRAPHICS

- Ross XPression SCE Real-Time Motion Graphics
- Chyron HyperX3
- Chyron Lyric PRO v8
- 2-Channel Leitch Altitude HD Cards w/ 2-Channel Clip Player
- MS Word, MS Excel & Adobe Photoshop
- Apple Mac Mini w/ Mac OS X & Windows 10
- Blackmagic Design Media Express
- Telestream Wirecast
- DT Videolabs PlaybackPro
- Ross DashBoard
- 6 – HDMI/HD-SDI Converters in Production for Graphics Playback

AUDIO

- Yamaha QL5 Digital Mixing Console
- 2 – Yamaha MY16AE Digital I/O Card
- 32x32 AES I/O
- 32x16 Analog I/O
- 64x64 Dante I/O
- 16 Mis Busses
- 8 Matrix & Stereo Buses
- Internal MP3 Player – USB
- Full Digital Processing Per I/O Delay Up to 1000ms
- Real-Time Analyzer
- Separate Primary & Secondary Dante Networks For Redundancy
- Ross NK-D64-110 64x64 AES/EBU Digital Audio Router
- Ross NK-A32-HQ Stereo Analog Audio Router
- Grass Valley GeckoFlex Frame w/ 10 8910ADA-ST Stereo DA's
- Ross DFR-8321 openGear Frame
- 3 – Blackmagic SDI Audio DeEmbedder's
- 672 Analog Patch Points, 384 AES Patch Points, 50 TT Patch Cords
- 2 – JBL LSR2325P 5" Two-Way Bi-Amplified Monitors – Audio
- 2 – JBL Control 5 Compact Control Monitors – Production
- 1 – Samson Servo 300 Power Amplifier
- 3 – Videotek APM-200 Stereo Program Monitors – Production
- 2 – Wohler AMP1-S8 w/ 8-Channel AES, 4-Channel Analog – Audio
- 2 – Wohler AMP1-S8 w/ 8-Channel AES, 4-Channel Analog – Tape
- 2 – Fostex 6301B Monitors - Video
- 3 – Yamaha Tio1608-D 16x8 I/O Stage Boxes:
- Primary & Secondary Networks w/ Fiber Converters & HA Control
- A1 Position:
- Apple Mac Mini w/ Mac OS X & Windows 10
- RTS AZEdit, Yamaha QL Editor, DT InstaCue & Ross DashBoard

COMMUNICATIONS

- RTS Zeus-III 32-Port Intercom Matrix System
- 2 – Integral 2-4-Wire Converters w/ 2-Channel Party Line
- 10 – Telex Keypanel User Stations
- 1 – JK Audio Innkeeper 4 Digital Hybrid w/ 4-Channel TIF
- 1 – Studio-Tech 47A 2-4-Wire Interface w/ 4-Channel Party Line
- 1 – Telex DSI-2008 2-4-Wire Interface w/ 2-Channel Party Line
- 1 – Telex PS-15 Power Supply
- 1 – Telex SAP-612 Source Assignment Panel w/ 6-Channel Party Line
- 1 – Telex IFB-828 16-Channel IFB Panel
- 4 – RTS 4030 Single-Channel Listen Only IFB Beltpacks
- 8 – RTS BP-325 Dual-Channel Programmable Beltpacks
- 8 – Telex PH-88 Single Sided Intercom Headsets
- 6 – Double Muff Headsets
- 6 – Single Muff Headsets
- 3 – Daltech Announcer Talkback Boxes

MICROPHONES

- 2 – Sennheiser HMD-26-II Broadcast Headsets
- 3 – Sennheiser HMD-25 Broadcast Headsets
- 3 – Daltech Announcer Talkback Boxes
- 3 – Sennheiser MD 46 Handheld Cardioid Interview Mics
- 3 – Sennheiser MKH 816 Shotgun Mics
- 3 – Sennheiser ME66 Shotgun Mics
- 2 – Sony ECM-77B Miniature Omni-Directional Lavalier Mics
- 1 – Sony ECM-66B Unidirectional Lavalier Condenser Mic
- 1 – Audio-Technica AT8022 Stereo Mic
- 1 – Electro-Voice RE50N/D-B Omni-Directional Handheld Interview Mic

VIDEO CONTROL

- 2 – JVC 24" HD LCD Quality Control Monitors
- 1 – Evertz 12 Input HD/SD/Analog MultiViewer
- 1 – Leader LV 7700 HD/SD-SDI Rasterizer

ALL MOBILE UNITS INCLUDE STAFF ENGINEERS.

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



PMTV-3F004

2/4

TECHNICAL DATA SHEET

VIDEO DISPLAYS

- 2 – Sony XBR-43X800E 43" 4K LED HDR Monitors
- 1 – VIZIO SmartCast 32" Full HD 1080p Program Monitor
- 12 – ASUS PB238Q 23" IPS LED Full HD 1920x1080p Monitors
- 3 – ASUS C422AQ 21.5" IPS LED 1920x1080p LCD Monitors
- 2 – Decimator Design DMON-12S MultiViewer w/ 12-Channel HD-SDI I/P, Embedded Audio Monitoring, UMD & Tallies
- 1 – Harris Videotek VTM-2400 Multi-Format On-Screen Monitor
- 1 – Roku 3 Streaming Media Player
- 1 – Off-Air Cable HD Demodulator

FIELD VIDEO

- 6 – 20" HD LCD Monitors w/ SDI-HDMI Conversion
- 6 – Telecast Rattler SDI-Fiber Systems
- 8 – Integrated SDI-Fiber Transmitters
- 4 – Integrated Fiber-SDI Receivers

TERMINAL EQUIPMENT

- Ross 72x72 I/O Scalable 3G/HD/SDI Video Router
- Ross NK-IPS Network Bridge – Network Control of Routers
- Ross NK-VRC Virtual Router Core – Programs Routing System
- 10 – Ross RCP-NKM 40-Button Programmable Router Control Panel
- 2 – Astro Design SL-7036 SD/HD Tri-Level Sync Generators
- 1 – Avid DigiDesign SYNC HD
- 2 – Harris X-85 2-Channel U/D/CC/Embed/De-Embed Frame Syncs
- 2 – BMD Teranex VC100 HD U/D/CC Frame Syncs
- 6 – Gefen DVI to HD-SDI Scalers
- 2 – Evertz 7700FR w/ Network Cards
- 4 – Evertz 7711UC-HD Multi-Format Up-Converter
- 10 – Evertz 7710DCDA-HD Down Converter & Distribution Amplifier
- 2 – Evertz 7751TG2-HD Test Signal Generators
- 30 – NVision NV500 HD Distribution Amplifier
- 20 – Grass Valley Composite Video Distribution Amplifier
- 896 Mini-WECO Video Patchbay

CABLE

- 1 – 2000' Mini Triax
- 3 – 250' DT-12 Audio
- 1 – 500' DT-12 Audio
- 3 – 150' 6 Pair Audio
- 1 – 500' XLR Audio
- 1 – 500' BNC Video
- 1 – 500' AC Power Cords
- 2 – 1000' 4-Channel ST Tactical Fiber Reels
- 1 – 1500' 12-Channel ST Tactical Fiber Reel

REAR I/O PANEL

- 2 – Multi-Format TX Paths - HD/SD/Analog/AES/Analog Audio
- 28 – Patchable Analog XLR Tie Lines
- 14 – Patchable AES XLR Tie Lines
- 5 – Patchable Analog Program XLR - *L,R,M*
- 14 – Patchable RTS SAP XLR - *Beltpacks*
- 4 – Dry IFB XLR
- 6 – Wet IFB XLR
- 2 – Telex DSI-2008 2-4 Wire Converter - *House Intercom*
- 2 – 4-Wire Intercom RJ45 - *Keypanels*
- 40 – Patchable HD-SDI BNC
- 12 – Patchable HD Router O/P BNC
- 1 – RJ45 WAN I/P
- 2 – RJ45 Network O/P
- 2 – RJ45 Streaming
- 8 – Patchable Switcher AUX O/P BNC
- 4 – HD-SDI Program BNC
- 2 – SD Program BNC
- 6 – Telco I/P - *Binding Post*
- 8 – Tally I/P - *Binding Post*
- 8 – Tally O/P - *Binding Post*
- 4 – DT12 Female Analog Audio
- 8 – Camera Triax Cables
- 2 – SM Fiber ST: Dante Primary & Secondary Networks
- 2 – SM Fiber ST: Sony CCU
- 4 – SM Fiber ST: Fiber-SDI Receivers
- 8 – SM Fiber ST: SDI Fiber Transmitters

NETWORK

- ASUS RT-AC66U Dual-Band 802.11ac Gigabit Wi-Fi Router
- TP-Link TL-SG1048 48-Port Gigabit Switch
- 2 – Wired Gigabit RJ-45 to Each Bench

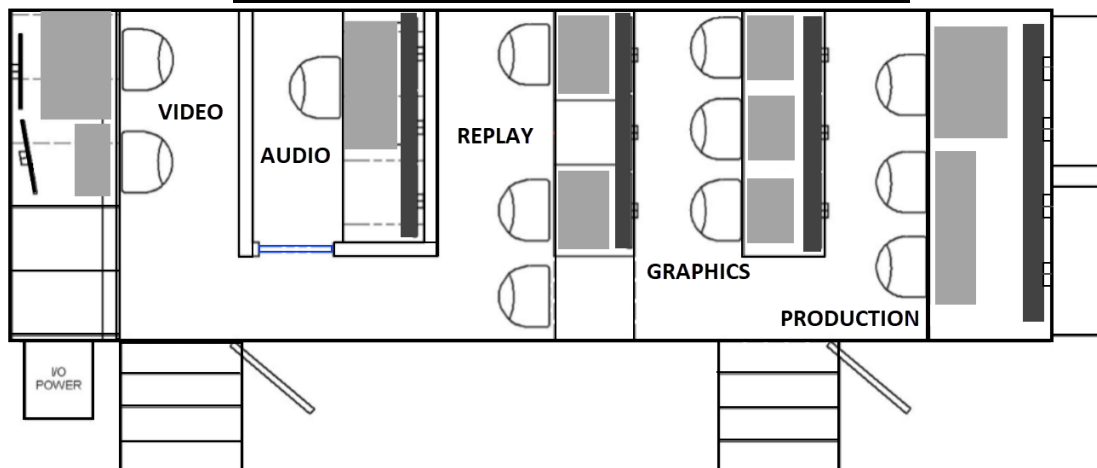
POWER REQUIREMENTS

- 190-280V, Single Phase, 150A
- Adjustable Isolation Transformer
- 125' Power Cables

CHASSIS SPECIFICATIONS

- Dimensions: 36' L x 8'6" W x 12'4" H
- Working Footprint: 36' L x 14'6" W x 12'4" H - *With Stairs*
- GVW: 25,950 LBS

LAYOUT - FLOORPLAN



ALL MOBILE UNITS INCLUDE STAFF ENGINEERS.

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

SALES@PMTV.COM

WWW.PMTV.COM

TEL: +1 (484) 690-9180



ALL MOBILE UNITS INCLUDE STAFF ENGINEERS. ADDITIONAL EQUIPMENT IS AVAILABLE PER CLIENT REQUEST. CONTACT PMTV'S ACCOUNT EXECUTIVES FOR PRICING & AVAILABILITY.



ALL MOBILE UNITS INCLUDE STAFF ENGINEERS. ADDITIONAL EQUIPMENT IS AVAILABLE PER CLIENT REQUEST. CONTACT PMTV'S ACCOUNT EXECUTIVES FOR PRICING & AVAILABILITY.