



24' HD MOBILE PRODUCTION SPRINTER VAN

PMTV-050B2

TECHNICAL DATA SHEET

PRODUCTION

- Ross Carbonite Black Plus 2 M/E HD Production Switcher
- 24 Input
- 12x6 Rutable I/O
- 4 Keyers per M/E
- 2 Floating Chroma Keys
- 4-Channel Still Store & Animation Playback
- 4 Mini M/E w/ 2 Keyers per Mini M/E
- Format Scalar & Frame Sync - Every Input
- Color Correction & Proc Amp - Every Input
- 8-Channel Floating 2D DVE - PIP or Transitions
- Formats: 525i, 625i, 1080i, 720p, 1080pSF, 1080pSF, 1080pSF

CAMERAS – LENSES – SUPPORT

- Wired for (6) Cameras
- 4 – Grass Valley LDX 80 Flex 1080i 2/3" Cameras
- 2 – Grass Valley LDX 82 Flex 1080i 2/3" Cameras
- 6 – Grass Valley LDX 5650/10 3G Fiber Interfaces
- 6 – Grass Valley LDK 4427/50 Fiber/Triax Adapters
- 4 – Grass Valley LDK 5307/00 7" Studio Viewfinders
- 2 – Grass Valley 5302/60 2" Eyepiece Viewfinders
- 6 – Grass Valley XCU Dual Elite CCU's
- 6 – Grass Valley LDK 4640/20 OCP 400 for XCU CCU
- 6 – Fujinon ERD-20A-A02 Zoom Control Interface
- 6 – Fujinon CFH-11 Focus Control Interface
- 4 – HVF-46 Universal Viewfinder Hoods
- 5 – PortaBrace CLK-3ENG Rain/Dust Camera Shrouds
- 1 – PortaBrace RS-PXWX400 Rain/Dust Camera Shroud
- 2 – Panasonic AG-HPX600p Cameras – *Per Request*
- 1 – Fujinon 12x4.5 BRM-M6 Wide Angle Lens
- 2 – Fujinon 17x7.6 BERM-M6 w/ 2x Extender
- 3 – Fujinon 22x7.6 BERM-M6 w/ 2x Extender
- 6 – Vinten Vision V10AS-CP2F Fluid Tripod Head
- 6 – Vinten Two-Stage CF Pozi-Loc Tripod
- 12 – Vinten 3219-91 Tripod Control Arms
- 2 – O'Connor Tripod Dollies – *Per Request*
- *Additional Cameras, Lenses & Equipment Available Per Request*

REPLAY – RECORD

- 4 – AJA Ki Pro Racks
- 1 – NewTek 3Play 440 Instant Replay System

GRAPHICS

- Ross XPression Studio 2-Channel v6.5 Software
- Rutable Record & Unlimited Output Layers
- Video I/P, Preview & Virtual Channels
- OES Scoreboard Data - *Clock/Score*
- DataLinq & Microsoft Office Enabled
- Custom XPression Keyboard

ENCODING – STREAMING

- 1 – ImmediaTV ITV-EN460d H.264 SD/HD IP Encoder – *Up To 1080i*
- 1 – Teradek Cube 655 Streaming Encoder
- Modes: RTP/RTSP, RTMP, Teradek, Stream, Live:Air, UDP, HLS

AUDIO

- Yamaha QL1 32-Channel Digital Mixing Console
- 12 Mixes
- Available Connections: 2 Analog XLR I/P & 2 I/O AES Pairs
- Yamaha Rio1608-D Stageboxes
- 16 XLR Analog Mic/Line I/P w/ Phantom
- 8 XLR Analog Outputs
- Sample Rates: 44.1/48/88.2/96 kHz
- Bose Solo 5 TV Sound System – *Production*
- Marshall Broadcast AR-DM31-B 16-Channel Audio Monitor – *PGM*

COMMUNICATIONS

- Clear-Com Eclipse HX-Delta 32-Port Intercom Matrix
- Clear-Com PIC IFB-104 2-Channel IFB Interface
- 5 – Clear-Com RS-702 2-Channel Beltpacks
- 4 – Clear-Com V12LDD 12-Channel Display Panels
- 3 – Clear-Com V12LDX4Y-IP 12-Channel Rackmounts
- 3 – Clear-Com TR-50 Single Channel IFB Talent Receiver
- 3 – Clear-Com TR-1 IFB Mono Talent Earphone
- 6 – Clear-Com CC-400-X5 Double Muff Headset
- 1 – Clear-Com CC-300-X5 Single Muff Headset
- 5 – Clear-Com CC-300-X4 Single Muff Headset
- 3 – Whirlwind THS-3 Announcer Consoles
- 1 – JK Audio Innkeeper 4 Telephone Interface
- Cameras Wired for 1-Channel of Communications
- *Phone Lines Not Included - Available Per Request*

MICROPHONES

- 3 – Sennheiser HMD 280 PRO Headset & Boom Mic
- 3 – Electro-Voice RE50/B Dynamic Omni-Directional Mic
- 3 – Whirlwind THS3 Talkback Headphone Boxes
- 4 – Sennheiser ME66 Short Shotgun Mic
- *Wireless & Wired Lavalier Mics Available Per Request*

MONITORING

- 2 – Sony BRAVIA KDL-40W650KD 40" LCD Multiviewer Monitors
- MultiViewer w/ 16 Sources & Custom Layout via Ross Dashboard
- 2 – Wohler RM-2443WS-3G Quad 4.3" Monitors - *Shading & Replay*
- 2 – TVLogic LVM-170A 17" Multi-Format Monitors - *Shading & Switcher*
- 1 – HP L1940T 19" 4:3 LCD Monitor - *Shading*
- 2 – Ikon D12 11.6" 3G-SDI Field Monitors w/ Audio Confidence
- 1 – VideoTek CMN-41 Multi-Format WF/VS Monitor - *Shading*
- *All Video Monitors are Rutable*

TERMINAL EQUIPMENT

- 2 – AJA FS2 2-Channel Universal Frame Syncs w/ U/D/CC
- 2 – Ross SRG-4400 Master Reference & Test Signal Generator
- 1 – Ross ACO-4400A Auto Changeover System
- 1 – Ross NK-3G72 Scalable 40x48 Multi-Format Router
- 2 – Ross Ulticore RCP-ME 16x16 Router Panel - *Shading & Production*
- 3 – Blackmagic Design Mini Converter: 1x8 3G-SDI DA's
- Full Router Panel Available via Ross Dashboard

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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TECHNICAL DATA SHEET

CABLE

- 1 – 130' SMPTE/LEMO Hybrid Fiber
- 1 – 270' SMPTE/LEMO Hybrid Fiber
- 1 – 450' SMPTE/LEMO Hybrid Fiber
- 1 – 500' SMPTE/LEMO Hybrid Fiber
- 1 – 550' SMPTE/LEMO Hybrid Fiber
- 1 – 687' SMPTE/LEMO Hybrid Fiber
- 1 – 750' SMPTE/LEMO Hybrid Fiber
- 6 – 25' Triax
- 6 – 75' Triax
- 6 – 100' Triax
- 6 – 250' Triax
- 4 – 500' Triax
- 6 – SMPTE/LEMO Hybrid Fiber Whips – LDK-4427
- 1 – 1000' Tactical Duplex Single-Mode Fiber (LC)
- 1 – 800' Tactical 8-Channel Single-Mode Fiber (LC)
- BNC-1694 Cable Available Per Request
- 1 – Yamaha Rio1608-D2 Dante Audio Snake
- 1 – 200' XLR Audio Snake

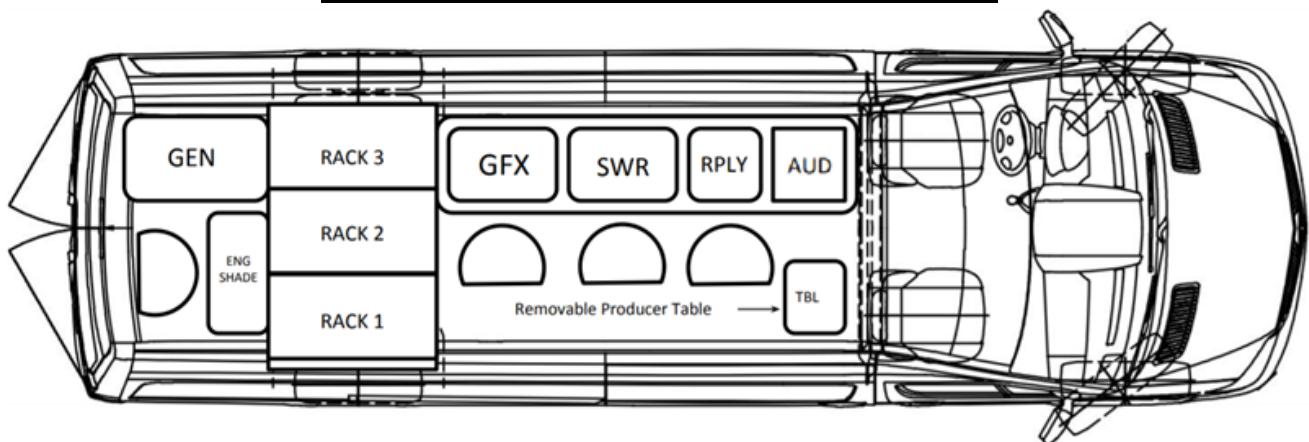
POWER REQUIREMENTS

- 2x 120V, 60hz, 50-AMP Required - *Shore Power*
- 2 Female 125/250 50-AMP Hubbell Twist-Locks Required
- Generator: Insulated 8kw 67A Cummins Onan Quiet Diesel
- Power Adapters:
- Camlock to Hubble Twist-Lock
- NEMA-14 to Hubble Twist-Lock
- NEMA 5-15 to Hubble Twist-Lock

CHASSIS SPECIFICATIONS

- Dimensions: 24' L x 10'1" H x 6'7" W
- 2016 Mercedes-Benz Sprinter 3500

LAYOUT – FLOORPLAN



DEFAULT PRODUCTION MONITOR

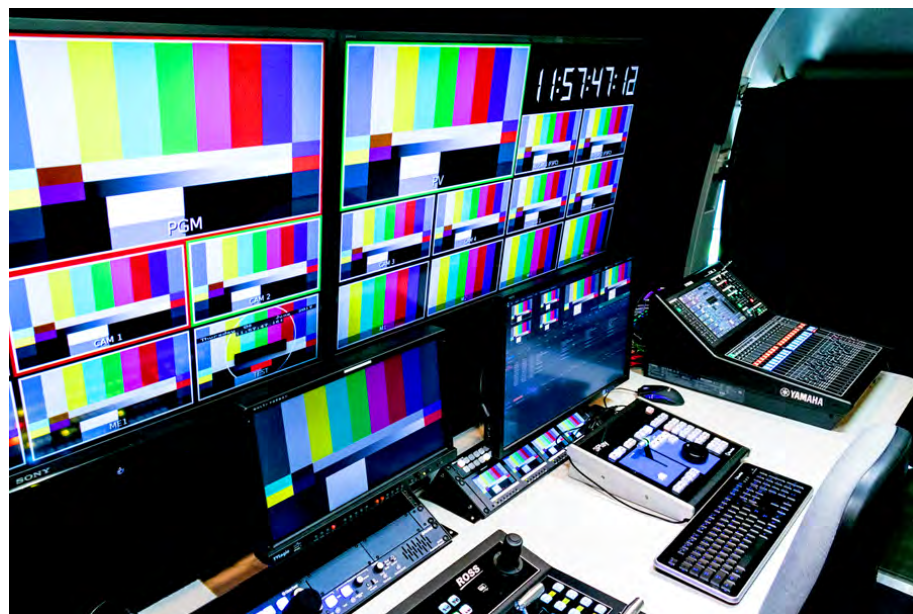
Over 25 Customizable Monitor Layouts Available

Bose Solo 5

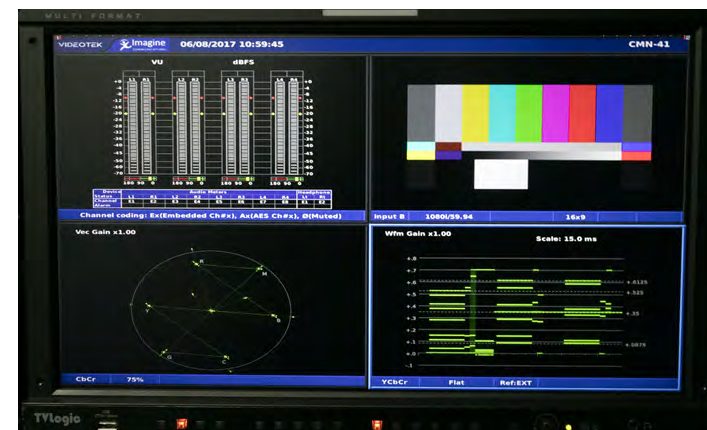
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KiPro 3	KiPro 4					Replay 1	Replay 2
M/E 1	Cam 1	Cam 2	Cam 3	Cam 4	Cam 5	Cam 6	Ext Input
CG1	CG 2	Mini M/E 1	Mini M/E 2	M 1	M2	M3	M4

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