### Cameras, Lenses, & Tripods

**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 Interface
- 6 – Grass Valley LDK 4427/50 Fiber/Triax Adapter
- 4 – Grass Valley LDK 5307/00 7" Studio Viewfinder
- 2 – Grass Valley 5302/60 2" Eyepiece Viewfinder
- 6 – Grass Valley XCU Dual Elite CCUs
- 6 – Grass Valley LDK 4640/20 OCP 400 for XCU CCU
- 4 – see Communication Equipment for Intercom
- 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-HPX800p cameras available upon request

**Lenses**
- 1 – Fujinon 12x 4.5 BRM-M6 Wide Angle Lens
- 2 – Fujinon 17x 7.6 BERM-M6 w/2x Extender
- 3 – Fujinon 22x7.6 BERM-M6 w/2x Extender

**Tripod**
- 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 available upon request

### Video Monitoring/ Processing

**Multi-viewer**
- 2 – Sony BRAVIA KDL-40W650KD 40" LCD Televisions

**Video Monitors**
- 2 – Wohler RM-2443WS-3G Quad 4.3’ LCD Monitor for Shading & Replay position
- 2 – TVLogic LVM-170A 17” SD/HD/3G-SDI Routable Monitor for Shading & Switcher position
- 1 – HP L1940T 19" 4:3 LCD Computer Monitor for Shading VideoTek CMN-41
- 2 – ikan D12 11.6” 3G-SDI/HDMI Full HD Field Monitor w/ Audio Confidence Monitor
- 1 – Image Communications VideoTek CMN-41 Multi Format Waveform & Vectorscope Monitor for Shading

*All video monitors are routable*

### Sync, Routing, & Video Distribution

- 2 – AJA FS2 Dual Channel Universal Frame Synchronizer/Format Up/Down/Cross Converter
- 2 – ROSS SRG4400 Master Reference and Test Signal Generator
- 1 – ROSS ACO-4400A Auto Changeover Unit
- 1 – NK 3G72 40x48 Multi-Format Router
- 2 – ROSS Ulticore RCP-ME 16x16 Router Panel for Shading & Production
- 3 - Blackmagic Mini Converter: 1x8 3G-SDI DAs

*Full Router Panel available via Ross Dashboard*

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**For bookings:** Gwynne Brown 804-560-8266 gbrown@vpm.org
Video Production Equipment

Switcher
1 – Ross Carbonite Black Plus 2M/E 24 Input HD Video
- 12 routable inputs/6 routable outputs
- 4 Keys per M/E
- 2 Floating Chroma Keys
- 4 Channel Still Store (Media) w/ Animation Playback
- 4 - Mini M/E w/ 2 Keys per Mini M/E
- Formats: 525i, 625i, 1080i 59.94fps, 720p 50fps, 720p 59.94fps, 1080pSF 25fps, 1080pSF 29.97 fps, 1080pSF 23.98
- Format Scalar and Frame Sync on every input
- Color Correction and Proc Amp on every input
- 8 channel Floating 2D DVE for PIP or Transitions

Graphics
1 – Ross Xpression Graphics Studio Version 6.5
- Dual-Channel
- 1 Routable Record/Screen-Grab
- Datalinq & Microsoft Office Enabled

Video Playback/Record/Replay

Record & Playback
4 – KiPro Rack

Replay
1 – Newtek 3P440 4-Input Replay System

Encoding/Web Streaming

IP Uplink End to End Encoding
1 – imMediaTV ITV-EN460D H.264 SD/HD up to 1080i

Web Streaming Encoder
1 - Teradek Cube 655
- Output Modes: RTP/RTSP, RTMP, Teradek Stream, LiveAir, UDP, HLS

Audio Equipment

Mixing Console
1 – Yamaha QL1 with 32 Channels and 12 mixes,
Available Hardwired Connections: 2 Analog XLR Ins and 2 I/O AES Pairs

Remote Stage Box
1 – Yamaha RIO 1608-D
- 16 XLR Analog Mic/Line Inputs w/ Phantom
- 8 XLR Analog Outputs
- Sample Rates: 44.1/48/88.2/96 kHz

Monitoring
1 – Bose Solo 5 for Production Area
1 – Marshall ARDM31-B 16-Channel for shading (PGM)

Microphones
3 – Sennheisser-HMD280PRO
3 – ElectroVoice RE50/B Dynamic Omnidirectional Mic
3 – Whirlwind THS3 Talkback boxes
4 – Sennheisser ME66 Short Shotgun Microphone 8.75”

Wireless/Wired Lav supplied upon request
Chassis Specifications & Power Requirements

Chassis Specifications
- 2016 Mercedes-Benz Sprinter 3500
- Length: 24’
- Height Clearance: 10’1”

Power Requirements
- 2x 120v 60hz 50 Amps required for shore power. 2 female 125/250 50amp Hubbell Twistlocks required for connection.
- Generator: Insulated 8kw Cummins Diesel Onan 66.6 amps Max

Power Adapters:
- Camlock to Hubble Twistlock
- NEMA-14 to Hubble Twistlock
- NEMA 5-15 to Hubble Twistlock

Communication Equipment

Intercom & IFB
- ClearCom Eclipse HX-Delta 32-port matrix frame
- ClearCom PIC- IFB-104 2-Channel IFB
- 5 – ClearCom RS-702 2-Channel Beltpacks
- 4 – ClearCom V12LDX4Y-IP 12 Channel Panels
- 3 – ClearCom V12LDX4Y-IP 12 Channel Rackmounts
- 3 – ClearCom TR-50 IFB Talent Receiver
- 3 – ClearCom TR-1 IFB Mono Talent Earphone
- 6 – ClearCom CC-400x5 Double Muff Headset
- 1 – ClearCom CC-300x5 Single Muff Headset
- 5 – ClearCom CC-300x4 Single Muff Headset
- 3 – Whirlwind THS3 Announcer Consoles

Cameras wired for 1 channel of communications

Telephony
- 1 – JK Audio Inkeeper 4-Channel Phone Interface

(phone lines not supplied)

Cable & Lighting

Camera/Video Cable
- 130 ft Reel of SMPTE/LEMO Hybrid Fiber
- 270 ft Reel of SMPTE/LEMO Hybrid Fiber
- 450 ft Reel of SMPTE/LEMO Hybrid Fiber
- 500 ft Reel of SMPTE/LEMO Hybrid Fiber
- 550 ft Reel of SMPTE/LEMO Hybrid Fiber
- 687 ft Reel of SMPTE/LEMO Hybrid Fiber
- 750 ft Reel of SMPTE/LEMO Hybrid Fiber
- 6- 25’ of Triax
- 6- 75’ of Triax
- 6- 100’ of Triax
- 6- 250’ of Triax
- 4 - 500’ of Triax
- 6 – SMPTE/LEMO Hybrid Fiber whips for LDK 4427
- 1000ft Tactical Duplex Single-Mode Fiber (LC)
- 800ft Tactical 8 Channel Single-Mode Fiber (LC)

BNC 1694 available upon request

Audio
- RIO1608 Stagebox box, DANTE Digital Audio
- 1- 16 In/8 Out x 200’ XLR Audio Snake Reel

For bookings: Gwynne Brown 804-560-8266 gbrown@vpm.org
## Default Production Monitor Wall

<table>
<thead>
<tr>
<th>KiPro 1</th>
<th>KiPro 2</th>
<th>PVW</th>
<th>PGM</th>
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<td></td>
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<tr>
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<td>Cam 1</td>
<td>Cam 2</td>
<td>Cam 3</td>
<td>Cam 4</td>
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<tr>
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<td>Mini M/E 2</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M3</td>
</tr>
</tbody>
</table>

**Over 25 Customizable Layouts!**

For bookings:  
Gwynne Brown  
804-560-8266  
gbrown@vpm.org
I/O Panel

For bookings:  Gwynne Brown     804-560-8266     gbrown@vpm.org
HD MOBILE PRODUCTION UNIT

RIO 1608-D I/O Panel

For bookings:  Gwynne Brown  804-560-8266  gbrown@vpm.org
Floor Plan

VPM Productions

HD MOBILE PRODUCTION UNIT

For bookings: Gwynne Brown 804-560-8266 gbrown@vpm.org

Not To Scale