



PURE
MOBILE PRODUCTIONS

A Royal Broadcast Group Company

Pure Mobile Productions

ROYAL 53' EXPANDO BROADCAST TRUCK – EQUIPMENT SPECIFICATIONS

*Items with Asterisk are part of the truck's flexible count. Be sure to check status/availability with our EIC before your event.

Production Switchers

- (1) Grass Valley 5 M/E Kayenne Switcher, K-Frame.
 - (160) Inputs / (64) Outputs – 3G / HD MODE or
 - (40) Inputs / (16) Outputs – 4K / UHD MODE
 - (8) iDPM Channels, Double Take, (10) Channel Internal Still

Store

- (1) Grass Valley 2ME Korona Switcher Control Panel, For 2nd screen or alternate transmission feeds

Cameras

- (10) Sony HDC-4300 4K/UHD/HD Cameras* (Also available; Sony PMW-F55 Cameras with CA-4000.)
- (10) Sony HDCU-2500 Camera Control Units, each with BPU-4000*
 - Wired for (16) 4K/UHD/HD Cameras
- (10) Sony RCP-1500 Remote Control Panels; "Paintboxes"*
- (1) Sony MSU-1500 Master Setup Unit
- (2) Marshall POV 3G Cameras with remote paint control*

Additional available cameras, not carried on truck:

- (4) Panasonic AW-HE130 PTZ Cameras*
- (4) Panasonic AK-HRP200G Remote Operation Panel "Paint" controller*
- (1) Panasonic AW-RP120 Remote Camera controller (Pan, Tilt, Zoom)*

Note: Other specialty UHD/HD cameras are available

Lenses/Tripods/Support

- (4) Fujinon UA 107 x 8.4 BESM Semi-Servo 4K Lens*
- (6) Fujinon UA 22 x 8 Plus Premier 4K Lens
- (2) Fujinon UA 13 x 4.5 Plus Premier 4K Lens
- (4) HDLA-1505 Large Lens Adapters
- (4) Vinten Vector 750 Heads each with Heavy Duty Legs.
- (4) Sachtler 25 Tripods
- (2) Sachtler 3-Wheeled Dollies
- (6) Sony 7" OLED Studio Viewfinders*

Note: Additional lenses, heads, tripods, studio viewfinders are available

Control Room Monitor Wall

- (3) 31" Boland 4K/UHD/HDR LCD Monitors for Program, Preview, and/or Preset
- (3) 32" Boland Multiview Camera/Source Monitors
- (6) 49" Boland Multi-viewer Monitors
- (2) Genelec; Stereo Audio Monitoring

Control Room & Production Position Features:

(16) Production positions that include:

- Routable video monitoring
- Video Router Control Panel
- RTS KP-32 Intercom panel w/mic and headset
- Audio Monitoring

5.1 Surround Sound Audio Suite

Calrec Artemis Light; 56 Fader Panel Console with;

- (240) Channels DSP
- (40) Mic/Line Inputs, (40) Line Outputs
- (24) AES Inputs, (24) AES Outputs
- (2) MADI Inputs/Outputs (each 64x64)
- (1) DANTE Inputs/Outputs (64x64)
- (1) Yamaha SPX2000 Digital Effects Processor
- (1) 8-Channel Cedar DNS 8 Live multi-channel Dialogue Noise Suppressor
- (1) 360 Systems DigiCart/EX with Remote Control Panel
- (1) Denon CD Player
- (1) Denon MP3 Solid State Recorder
- (2) Video Devices Pix 270i – 64 Channel MADI Audio Recorders. Can use for ISO audio recording.

External Fiber I/O Stage Boxes (Single Mode Fiber x 4)

- (2) 48 x 16 Analog Hydra2 [48 XLR Mic/Line Inputs, 16 XLR Line Outputs]
- (1) 24 x 8 Analog Hydra2 [24 XLR Mic/Line Inputs, 8 XLR Line Outputs]
- (1) 16 x 16 AES Hydra2 [16 BNC/AES Inputs, 16 BNC/AES Outputs]*

Microphones

- (4) Sennheiser MKH 70 Shotgun Microphones
- (10) Sennheiser MKH 416 Shotgun Microphones
- (6) Sony ECM-77B Lavalier Microphones
- (6) Sennheiser MD46 Handheld Microphones

Video Room

- (3) Video Shader Positions
- (2) 25" Boland OLED Monitors
- (1) 31" Boland 4K/HDR LCD Monitor
- (30) 7" Boland source monitors
- (2) Tektronix 4K/HDR Waveform/Vector Scopes
- (1) Cobalt Color Correction Controller. With (4) Cobalt 3G Color Correctors. (Also listed under terminal gear)
- (3) RTS KP-32 Intercom Panels
- (1) Stereo Audio Monitoring

Record & Playback

(2) EVS XT-4K, 12-Channel UHD/HD Servers, each with LSM and EVS Connect Controllers*

Wired to support (4) EVS 12-Channel Servers.

(1) EVS X-File3 With 10Gb Network

(1) Ross-Abekas Mira 8 Channel Video Server

(16) AJA KiPro Ultra Recorders* Wired for any combination of (24) UHD/HD. (Includes UPS Power Supplies.)

(1) AJA KiPro GO or Simply Live MMR-110

Note: Additional KiPro Ultra and KiPro Ultra Plus recorders available

Graphics

Wired for (2) 2-Channel HD or (1) 1-Channel 4K/UHD

Graphic/Character Generators

Book as separate; Chyron Mosaic* or Ross Xpression*

Router / Multi-Viewers

Imagine Communications Platinum IP3 Router featuring;

(533) 3G Inputs (622) 3G Outputs

(70) DeEmbedders (80) Embedders

(32) Single Mode Fiber Inputs, (32) Single Mode Fiber Outputs

(4) Harris 64 x 6 Multi-Viewers. (Internal)

Frame Syncs

(6) AJA FS4, 4-Channel Frame Syncs

(2) AJA FS4-HDR, 4-Channel Frame Syncs with High Dynamic Range Features

(2) Blackmagic Teranex 12G Frame Syncs; Up/Down/Cross Converters

Terminal Gear

(4) Cobalt 3G Color Correctors (Also listed under Video Room)

(4) Cobalt 3G 4K to HD Converters

(2) Cobalt Time Code Burners.

(14) Utility DAs

Other Tools

Apple TV Device Winegard Portable Satellite Antenna,
with DISH Network Receiver*

ST600 Controller Playback Pro Control Laptop
with software

Field Video Monitors

- (6) Boland 20" HD-LCD Monitors, with desk stand
- (2) Sony 17" OLED Monitor, with desk stand
- (1) Boland 31" 4K/UHD LCD Monitor*

Note: additional monitors in our rental inventory. Available upon request

Tactical Single Mode Fiber Cable with ST

- (2) 1000' TAC-12. (On Reel)
- (4) 500' TAC-12.
- (4) 250' TAC-12.

SMPTE Fiber Camera Cable/SHEDs

- (4) 500' SMPTE Fiber Cable
- (10) 250' SMPTE Fiber Cable
- (10) 100' SMPTE Fiber Cable
- (6) 50' SMPTE Fiber Cable
- (10) Telecast SHED* or MultiDyne HUT Adapter Sets* (To extend Camera cabling over Single Mode Fiber.)

Video Cable Mults

- (2) 125' 6-wire BNC
- (2) 75' 6-wire BNC
- (2) 50' 6-wire BNC
- (2) 25' 6-wire BNC

Audio Cable Mults

- (6) 250' DT-12 Audio Cable (12-pair)
- (4) 125' DT-12 Audio Cable (12-pair)
- (2) 75' DT-12 Audio Cable (12-pair)
- (4) DT-12 Female to Male XLR Fan Outs (12-pair)
- (4) DT-12 Male to Female XLR Fan Outs (12-pair)
- (4) DT-12 Feed Through XLR Stage Boxes
- (4) 50' 8-Channel XLR Audio Snake
- (4) 25' 8- Channel XLR Audio Snake
- (2) 50' 4- Channel XLR Audio Snake
- (4) 25' 4- Channel XLR Audio Snake

Rear I/O Panel Connections

- (32) Single Mode ST Fiber and BNC Router Inputs
- (32) Single Mode ST Fiber and BNC Router Outputs
- (8) 4K/UHD Router BNC Inputs
- (8) 4K/UHD Router BNC Outputs
- (128) BNC Tie Lines
- (4) Transmission (TX) BNC and ST Fiber Outputs
- (16) Malted SAP Outputs
- (8) Powered IFB Outputs
- (8) RJ-45 ADAM Ports
- (2) ADAM Ports on SM Fiber
- (12) 4-Wire Ports
- (5) Calrec Hydra2 Single Mode ST Fiber Connections
- (6) DT-12 Female Connections
- (6) DT-12 Male Connections

Expanding Side Trailer Dimensions

Traveling size: Length: 53' Width: 8'6" Height: 13'6"
Expanded, Working Area 70' x 24' (without Tractor)

Truck AC Power Requirements

- (1) Service of 400 Amp, 3-Phase, 208 volt to 240 volt
or
- (2) Services of 200 Amp, 3-Phase, 208 volt to 240 volt (One for Tech, one for Environmental)

Truck travels with (4) 50 foot & (4) 75 foot Camlok Cable Sets. (Red, Blue, Black, Green)

Notes:

This list is the “standard equipment complement.” We may have additional equipment on the truck or some items may not be available. When we provide a quote we will indicate the list difference. Please confirm your individual project needs with us. We can add and subtract to meet your needs and budget.

Pure Mobile has a large inventory of FlyPacks, Cameras, Lenses, Dollies, Vinten Pedestals, Cabling and lots of support gear available for rent. Just ask, if we don't have it, we can get it.

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