


# RHS-36 PRODUCTION TRUCK



## Introducing the RHS-36 Production Truck for Producing and Streaming Events!

The RHS-36 production truck is an ideal solution for broadcast-quality streaming coverage of live sports, concerts, and corporate events. The RHS-36 truck comes complete with 7 Grass Valley broadcast cameras, Ross Video switching, Ross XPression graphics, Evertz DreamCatcher Replay, Yamaha audio, and Web streaming encoding, all in one compact footprint.

Red House Streaming can also supply IP acquisition technologies from our STREAM family of solutions, to support outside remote productions.

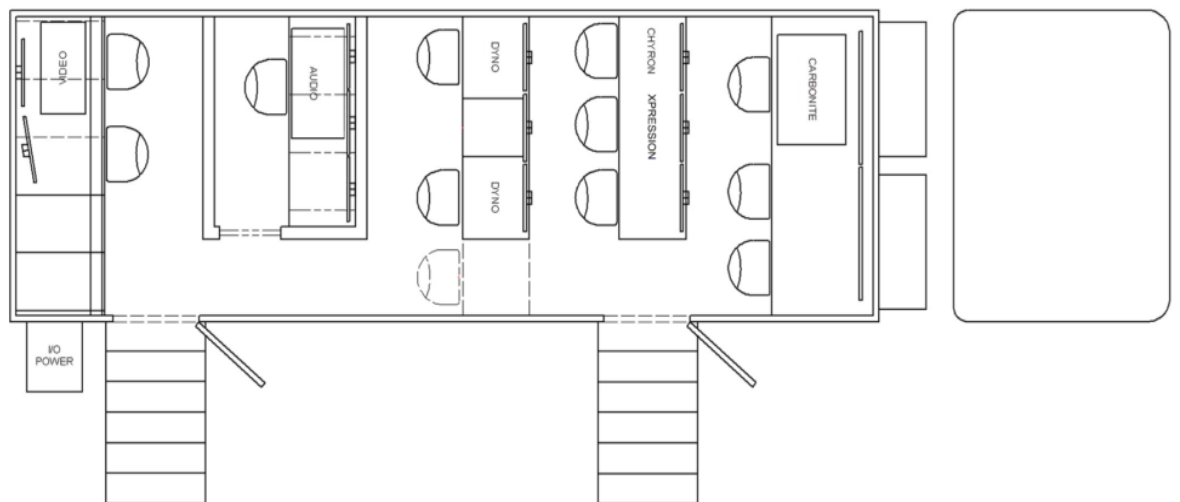
Additional wireless audio and video equipment is available upon request. **POWERED BY:**  CP Communications

### Dimensions

Truck GVW 25,950 LBS

Travel Dimensions:  
36'L x 8'6"W x 12'4"H

With Stairs:  
36'L x 14'6"W x 12'4" H



## CONTACT US TODAY!



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# RHS-36 TECH SPECS & EQUIPMENT LIST

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## SWITCHING & EFFECTS

- Ross Carbonite+ with 3-Row C3X Panel
  - Carbonite+ Chassis, 2 ME, 24 Inputs, 10 Outputs, 2 Floating Chroma Keyers, 8 Floating DVEs, 24 Frame Synchronizers, 4 Media Stores, 4 Floating “MiniME” Buses, “Multi-Screen” output for IMAG
  - DashBoard Live Assist via Touch Screen, 24 Color-correctors, 2 Internal Multi-Viewers with up to 16 Monitors each, Red and Green tallies
- File Formats: Native Resolution TGA / PNG Sequence for animations and WAV files (48kHz) for associated audio; JPG TGA PNG for stills
- Apple Mac Mini (TD Position)
  - Mac OS X, Windows 10
  - Ross DashBoard software for switcher and router control
  - Planar PXL2430MW 24” Touch Screen Monitor

## GRAPHICS

- Ross XPression SCE Real-Time Motion Graphics System
- Chyron Hyper X3 – Lyric 8.x
  - (2) Channels Leitch Altitude HD Cards with (2) Channel Clip Player
  - MS Word and Excel, Adobe Photoshop
- Apple Mac Mini (Graphics Position)
  - Mac OS X, Windows 10
  - Microsoft Office, Blackmagic Media Express, Wirecast, PlaybackPro
  - Ross DashBoard
- (6) HDMI to HD-SDI Converters in Production for PowerPoint, Graphics Playback

## CAMERA EQUIPMENT

- (5) GVG LDK 3000 Multi-Format Cameras with LDK 5630 Triax Adapters – 720p/59.94 and 1080i/59.94
- (5) GVG LDK 4580/52 Triax Base Stations
- (2) GVG LDK 8000 Multi-Format Cameras with LDK 5681 Triax Adapters – 720p/59.94 and 1080i/59.94
- (2) GVG LDK 4502/52 Triax Base Stations
- (7) GVG LDK 4640/10 OCP 400 Remote Control Panels
- (4) Carter Custom Large Lens Adapters
- (4) GVG LDK 5307/00 7” HD LCD Studio Viewfinders
- (1) Canon XJ76x9B Studio Lens with Semi-Servo Controls
- (3) Canon J55x9 Studio Lenses with Semi-Servo Controls
- (1) Canon J20x7.5 Studio Lens with Semi-Servo Controls
- (3) Fujinon 17x HD ENG Lenses with 2x
- (3) Vinten Vector 70 Pan Heads / Shotoku 11-17 Tripods
- (3) Secced Reach 8 ENG Tripods
- (1) Sony HDC-X310 Fiber Optic HD POV Camera
- (1) Sony HFU-X310 Fiber Optic Base Station with RCP-720
- (1) Fujinon HSS18x5.5 HD Full Servo Lenses
- Additional Camera Equipment Upon Request

## VIDEO CONTROL

- (2) JVC-DT-V24G11ZAZ 24” QC HD LCD Monitors
- Evertz 7767VIP12-HSN HD Multi Viewer (12 HD-SDI Inputs)
- Leader LV-7700 HD Rasterizer



### IN-TRUCK VIDEO MONITORING

- (2) Sony XBR-43X800E 43" Monitors
- Vizio 32" 1080p Program Monitor
- (12) ASUS PB238Q 23" IPS LED 1080 Monitors
- (3) ASUS C422AQ 21.5" IPS LED 1080 Monitors
- (2) Decimator Design DMON-12S Multiviewers
  - (12) HD-SDI Inputs Each
  - Embedded Audio Monitoring, UMDs, and Tallies
- Harris VTM-2400 HD Rasterizer
- ROKU 3 Streaming Unit
- Off-Air / Cable HD Demodulator



### FIELD VIDEO

- (6) 20" HD LCD Monitors with SDI-HDMI Conversion
- (6) Telecast Rattler SDI-Fiber Systems
- (8) Integrated SDI-Fiber Transmitters
- (4) Integrated Fiber-SDI Receivers

### REPLAY / RECORDING

- (2) Evertz Dreamcatcher Replay
  - 4 Record Channels / 2 Playback
- 6) KiPro Rack Hard Disk Recorders (Wired for 8)
  - Apple ProRes and Avid DNxHD Codecs
  - (8) KiStor (USB 3) 750GB Removable Hard Drives
- (1) Panasonic AJ-HD1200AP DVCPRO HD VTR
- Blackmagic Design UltraStudio 4K H.264 Recorder - Record Proxy Files in lieu of DVD Recorder

### AUDIO

- Yamaha QL5 with (2) MY16AE Option Cards
  - AES: 32 In, 32 Out; Analog: 32 In, 16 Out; Dante: 64 In, 64 Out
  - 16 MIX, 8 MATRIX and Stereo Buses
  - Internal MP3 Player (USB)
  - Full Digital Processing, Per-Input/Output Delay up to 1000ms, Real-Time Analyzer
  - Separate Primary and Secondary Dante Networks for redundancy
- Apple Mac Mini (A1 Position)
  - Mac OS X, Windows 10
  - RTS AZedit, Yamaha QL Editor, InstaCue, Ross DashBoard
- Ross NK-D64-110 Balanced AES Audio Router (64x64)
- Ross NK-A32-HQ Stereo Analog Audio Router
- Grass Valley Gecko Flex Frame with (10) 8910ADA-ST Stereo DAs
- Ross DFR-8321 OpenGear Frame with (3) Blackmagic SDI-AUDIO De-Embedders
- (672) Analog Patch Points, (384) AES Patch Points, (50) TT Patch Cords
- (2) JBL LSR2325P Studio Monitors (Audio Booth)
- (2) JBL Control 5 Speaker Monitors (Production)
- Samson Servo 300 Amplifier
- (3) Videotek APM-200 Speaker Monitors (Production)
- (2) Wohler AMP1-S8 Speaker Monitors (8 CH AES, 4 CH Analog) –
  - (1) each in Audio and Tape
- (2) Fostex 6301B (Video)

### FIELD AUDIO

- (3) Yamaha Tio 1608D 16-Input, 8-Output Dante Stage Boxes – Primary and Secondary Networks with Fiber Converters, Remote HA control from QL5 Console
- (2) Sennheiser HMD-26-II Talent Headsets
- (3) Sennheiser HMD-25 Talent Headsets
- (3) Daltech Announce Boxes
- (3) Sennheiser MD46 Stick Mics
- (3) Sennheiser MKH816 Shotgun Mics
- (3) Sennheiser ME66 Shotgun Mics
- (2) Sony ECM-77B Lavalier Mics
- (1) Sony ECM-66B Lavalier Mic
- (1) Audio-Technica AT8022 Stereo Mic
- (1) Electro-Voice RE50N/D-B Omni Mic

### COMMUNICATIONS

- RTS Zeus-III 32-Port Intercom Matrix
  - Fully Programmable (AZEdit); Point to Point, Party Line, IFB
  - (2) Integral 2- to 4-Wire Converters (2 Channels PL)
- JK Audio Innkeeper 4 – (4) Channel TIF
- (10) Telex KP Stations
- (1) Studio Technologies Model 47A 2- to 4-Wire Converter / Power Supply (4 Channels PL)
- (1) Telex DSI-2008 2- to 4-Wire Converter (2 EXT House PL Interface)
- (1) Telex PS-15
- Telex SAP-612 Source Assign Panel (6 Channel PL)
- Telex IFB-828 16-Channel IFB Power Supply
- (4) RTS 4030 IFB Beltpacks
- (8) RTS BP325 2-Channel Beltpacks
- (8) PH-88 Lightweight Headsets
- (6) Double-Muff Headsets
- (6) Single-Muff Headsets
- (3) Daltech Announce Boxes

### TERMINAL EQUIPMENT

- Ross NK-3G72-FRM 72x72 3G HD-SDI Router
- Ross NK-IPS Network Bridge – Network Control of Routers
- Ross NK-VRC Virtual Router Control – Programs Routing System
- (10) Ross RCP-NKM 40 Button Programmable Router Panels
- (2) Astro Designs SL-7036 SD/HD Tri Level Sync Generators
- DigiDesign SYNC HD
- (2) Harris X-85 Dual Path Up/Down/Cross/Embedder/De-Embedder/FS
- (2) Teranex VC100 HD Up/Down/Cross Converting Frame Syncs
- (6) Gefen DVI to HDSDI Scalers (For computer desktops to HD Router)
- (2) Evertz 7700 Frames with Network Cards
- (4) Evertz 7711UC-HD Multiformat Up-Converters
- (10) Evertz 7710DCDA-HD Down-Converters SDI – Composite
- (2) Evertz 7751TG-HD Test Generators
- (30) NVision 500 Series HD DAs
- (20) GVG Composite Video DAs
- (896) Mini WECO Patch Points



### REAR I/O PANEL

- (2) Multi-Format Transmission Router 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 (Belt packs)
- (4) Dry IFB XLR
- (6) Wet IFB XLR
- (2) DSI-2008 2-4 Wire Converter IN (House Intercom)
- (2) 4-Wire Intercom RJ-45 (Remote KPs)
- (40) Patchable HD-SDI BNC
- (12) Patchable HD Router Outs BNC
- (1) WAN In RJ-45
- (1) Network Out RJ-45
- (2) Streaming RJ-45
- Reference IN and OUT BNC
- (8) Patchable Switcher AUX Outs BNC
- (4) HD-SDI Program BNC
- (2) SD Program BNC
- (6) Telco IN (Binding Post)
- (8) Tally IN (Binding Post)
- (8) Tally Out (Binding Post)
- (4) Patchable DT-12 Female Analog Audio
- (16) Single Mode Fiber ST – (2) to Dante Primary/Secondary Networks, (2) to Sony CCU, (4) to Fiber-SDI Receivers, (8) to SDI-Fiber Transmitters
- (8) Camera Triax



### NETWORK

- Asus RT-AC66U Dual Band 802.11AC Gigabit Router
- TP-Link TL-SG1048 48 Port Gigabit Switch
- (2) Wired Gigabit RJ-45 to Each Bench

### CABLE INVENTORY

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

### POWER REQUIREMENTS

- Input 190-280 Volts – Adjustable Isolation Transformer
- Single Phase, 150 Amps
- 125' Power Cable

Additional wireless audio and video equipment is available upon request.

