

LCM247 RPV

Live Remote Production Vehicle

The LCM247 Remote Production Vehicle is based on one of the most reliable vehicle platforms available, the Mercedes Benz Sprinter 170 Extended High Roof Super Single Turbo Diesel Production Van. Custom upfitted and designed from the ground up to offer Big Production Rig results in a smaller form factor that can reach locations any passenger vehicle can get to.

Unrestricted Travel

Approved for travel on all commercial and passenger roads, highways and parkways, the LCM247 Remote Production Vehicle provides the best of both worlds. From Navigating the traffic and parking challenges of New York City to long haul to Nashville and wherever else productions take it. The LCM247 RPV has been proven with more than 50 Live Productions to date.

Fiber Optic Connectivity

Configured for up to 20 4K Fiber optically cabled cameras the RPV has produced live television events including ski races, concerts and corporate events. Current Fiber configurations allow RPV to be staged as far as ½ Mile from filming location and has the capability to be as far as 20 Miles away.

LCM247 RPV Remote Crew Hybrid Productions

The RPV Remote Crew Hybrid workflow allows for some crew members to work from anywhere in the world with an internet connection while the base crew travels with RPV. Shading, Graphics and even switching can be performed remotely. Remote crew saves on travel and OT expenses without compromising quality.

Live Transmission

Live transmission to both streaming platforms and broadcasters is possible through the use of standard internet connections and bonded cellular technologies.

Broadcast Transmission

- 2 Channels LiveU live video transmission
- 3 Channels LiveU servers

Web Streaming

- 2 x VersaStreamer 1080p
- 1 x VersaStreamer 4K

Equipment

Switching, Monitoring and Recording

- Primary 20 input 4K/HD Switcher
- Secondary Production Studio 4K MCR switcher
- Backup 8 Camera Switcher with integrated audio
- 40 x 40 12G Matrix Router
- Camera Control Unit
- Program Clean and Texted Recording with Backup
- ISO Camera Recording with Backup record options

HDR/SDR Video Monitoring with Record

- 1 x Atomos Neon 24"
- 1 x Atomos Sumo 19"
- 3 x Blackmagic 4K Video Assists HDR

Cameras

The LCM247 RPV allows productions to go live with 4K and HD programs while also recording in ProRes, DNxHR and RAW Video formats.

Standard Camera Configuration includes:

- 3 x Blackmagic URSA Cameras
- 5 x Blackmagic Micro Studio 4K Cameras
- 3 x Blackmagic Pocket Cinema 4K Cameras
- 2 x Panasonic 150 PTZ
- Additional cameras available include:
- 2 x Red V-Raptor
- 2 x Red Komodos

Lenses

- 2 x Canon B4
- 2 x Canon EF 18-80 Cine Zoom Servo
- 6 x LUMIX MFT 12-35
- 4 x LUMIX MFT 35-100
- 2 x LUMIX MFT 100-300
- 2 x Canon EF 70-200
- 2 x Sigma EF 18-35 Cine
- 2 x Rokinon EF 35 Cine
- 2 x Canon RF 15-35
- 2 x Canon RF 28-70

- 2 x Canon RF 70-200
- 2 x Canon RF 50 1.2
- 3 x Canon RF - EF adapters
- 2 x Canon RF - EF adapters with Polarizer

Camera Support

- 30' Jimmy Jib Triangle Extreme with Dutch Head
- Satchler Tripods
- Steadicam Zephyr (w/Teleprompter and wireless video)

Cabling

- 5,000' Tactical Fibe Optic Cable
- 100M 3 Channel Tactical Cat 6 Ethernet Cable
- 3 x 100M Single Channel Cat 6 Ethernet Cable
- 3 x 6 Camera Fiber Distribution Boxe

Teleprompters

- iKan 15"
- iKan 12"
- iKan 10"

Audio (up to 64 Channels)

- Midas M32 x 2
- Midas Stage Box

Microphones

- 2 x Schoeps
- 4 x Sennheiser MKH-416
- 2 x Neumann KMH 184
- 2 x Rose 980
- 4 x Countryman Lavaliers
- 2 x Lectosonics
- 6 x Sennheiser
- 3 x Rycote Zeppelin Wind Screen
- 3 x Carbon Fiber Boom Poles

Return Stereo Audio

- 2 x Shure in ear Monitor

IFB

- 10 x Motorola IFB

UAS/Drones

- 2 x DJI Mavic Pro
- 1 x DJI Inspire 1

Lighting

- 4 x Lightpanels
- 2 x Lightpanel
- 2 x Aperture 600
- 2 x Arri 600 Daylight LED
- 2 x Arri 2000 Daylight LED
- 2 x 1200 HMI (oldies but goodies, also work as great props)
- 8 x Chauvet Tri-6 Uplights
- 8 x Chauvet H-1 Magnetic Lights
- 2 x Chauvet LED Follow Spots
- 2 x Chauvet DMX controller
- 1 x Chauvet Hazer

Media Storage

- 32 x 128 300x SD Card
- 20 x 1TB SSD
- 6 x 1TB USB-C SSD
- 4 x 512 CFast
- 4 x 256 CFast
- 4 x 128 CFexpress
- 4 x 512 CFexpress
- 2 x 660 CFexpress

Communication

- 18 x Motorola UHF radios

Low Power Consumption - High Impact

The LCM247 RPV utilizes the latest and most power efficient television production equipment available to make power tie in as easy as a couple of 20 amp extension cords. No location power? No problem. With a power draw of 6000 Watts with Air Conditioning, the LCM RPV is one of the greenest production vehicles available and can utilize easily transported gasoline generators. The RPV lithium ion back up can power the rig (without Air Conditioning) for up to 1 Hour.

Power

8000 Watts {Honda Whisper Generators}

1 Hour LiPo UPS Battery Backup Power

**CONTACT US AT STUDIOS@LCM247.COM OR 845-920-7799
FOR MORE INFORMATION**