

+44 (0) 1536 665 600

info@redcatbroadcasting.com

UKI-1955



www.redcatbroadcasting.com



Vehicle:

Mercedes Vito Sport
X77 RCB



Euro 6b Low Emissions
vehicle

*Everything listed is carried onboard as standard. Plus much, much more.
We don't charge for extras- if it's on the truck you can have it on the day!*

Satellite:



UKI-1955

1.2m Ku-band offset fed antenna – Eutelsat registration: UKI-1955

EXTENDED Ku Band 13.75 GHz – 14.5 GHz

2x Redundant e2v/SpacePath Stellar-mini 180 Watt HPAs

2x Advent DVE-5100 Coder/Modulators (fully licenced)

MPEG 4 SD & HD 4:2:2 + MPEG 2 SD & HD 4:2:2 – up to 1080p/30

DVB-S / DVB-S2 QPSK / 8PSK / 16APSK / 32APSK ; BISS encryption capable.

Paradise PD25L Sat Modem

Harris NetPlus 400 HD/SD IRD (MPEG2 / MPEG 4 ; QPSK / 8PSK / 16APSK / 32APSK)

Tandberg RX1290 HD/SD IRD (MPEG2 / MPEG 4 ; QPSK / 8PSK / 16APSK / 32APSK)

VSAT



90cm Ka-band offset fed antenna + offset LNB for off air reception

3W TRIA

Eutelsat Tooway / Viasat Surfbeam 2+ IP Streaming - (multichannel bonded with cellular modems)

Manhattan domestic IRD for off air reception of all major DTH satellites – routable to any destination.



IFR 2395a Spectrum Analyser 26.5 GHz

Live Streaming / Internet Connectivity:



LiveU LU300 Pro HEVC Field Unit + LiveU Solo+ Field Streaming Unit

Bonded multichannel router – cellular & Ka satellite internet access

2.4 GHz / 5 GHz wi-fi internet



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49 Spinney Road, Burton Latimer, Kettering, Northants. NN15 5ND UK

Registered in England & Wales

Company Registration No.: 11448951

VAT Registration No.: GB 300 7135 57

Registered Office: 71-75 Shelton Street, Covent Garden, London WC2H 9JQ

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Control & Production

Video:

- Blackmagic Design ATEM 1 M/E Production Studio 4k vision switcher
10 inputs, plus downstream and upstream keys, Stings and DVEs
- Blackmagic Design VideoHub 40x40 matrix
- Blackmagic Design SmartView monitors
4k and Smartview Duo

Media ingest:

- Blackmagic Design Hyperdeck Studio
- Panasonic AG-HPG20 P2 Field Recorder
- Sony PMW-50 XDCam Field Recorder
- Blackmagic UltraStudio
- Final Cut X video editing / MacBook Pro

Tektronix WFM-7100 Waveform monitor, including Dolby monitoring

Camera:

- Sony PMW-400 XDCam + Wide angle and zoom lenses
- Miller Sprinter II carbon fibre tripod + Arrow X3 fluid head
- LED Panel lights
- Teradek Bolt 2000 v2 Wireless Camera Link



Fibre System:

- 2 x 300m Dual tactical fibre
- 2 independant 1310nm channels offering bi-directional 4k video + additional analogue audio and 4W/IFB
- Field units allow for reverse vision monitoring at the "sharp end"

Audio:

- Behringer X32-compact 40ch digital audio mixer + Behringer S16 Digital Snake breakout for rear tailboard
- 4x 4k audio-SDI de-embedders + 2x 4k audio-SDI embedders
- TSL AMU2-8HD Audio Monitoring Unit, with PPMs and Dolby decoding
- 3 x Sennheiser G3 Radio mics + Sennhieser ME66 "shotgun" mics + Beyer M58 + Coles 4104 lip mic

Comms:

- GlenSound MPI-005 GSM TBU
- GlenSound MPI-004 GSM TBU Field Portable Unit
- GlenSound GS-GC6/1U Dual G.722 ISDN + GlenSound GS-GC6/1U Dual MPEG/Musicam ISDN
- Systembase C310 Dual aptX ISDN
- Paradise PD25L Satellite Modem for SatComms
(optional Sonifex HY02 PSTN TBU – yes, we can handle the old/odd stuff too for those difficult OBs!)
- CTP Talkback 24 12x24 IFB & 4W Matrix - Fully configurable for any combination of 4W & IFB and 4W conferences
- CTP T12 Talkback Panel
- Yaesu/Vertex Standard VHF / UHF narrowband FM comms transmitter
- 6 x Baofeng UV-5R Portable radios for IFB/Comms + earpieces (electronic & acoustic tube versions)

Power:

- Victron Multiplus 3000 3 kVA inverter in UPS mode coupled with shore power and 440 Ah of reserve technical battery power, plus the onboard vehicle generator.
- 16A (BS4343) incomer, fully isolated.



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