

# SNG BROADCAST



## UKI-1955 Specifications

### Vehicle

Mercedes Vito 119  
Vehicle registration: X77 RCB  
Dimensions: 4.8m (l) x 1.8m (w) x 2.6m (h)  
Eutelsat registration: UKI-1955  
IFB 1: +44 (0) 7939 481 240  
IFB 2: +44 (0) 7873 501 699

### RF

1.2m offset fed antenna (Extended Ku Band) 13.75 GHz – 14.5 GHz  
180w redundant stellar HPA's  
2 x Advent DVE-5100 encoders  
Coding: MPEG 4 SD & HD 4:2:2 + MPEG 2 SD & HD 4:2:2 – up to 1080p/30 Mod: DVB-S / DVB-S2 QPSK / 8PSK / 16APSK / 32APSK. BISS encryption, Dolby pass-through and Invisidot capable.  
2 x Tandberg RX1290 HD / SD IRD (MPEG2 / MPEG 4; QPSK / 8PSK / 16APSK / 32APSK)  
Ka-SAT internet antenna with Wi-Fi and Ethernet connectivity  
80cm downlink antenna with FTA receiver  
Peplink bonded multi channel VPN router

### 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 personal radio mics  
Sennhieser ME66 "shotgun" mic  
Beyer M58 reporters mic  
Coles 4104 lip mic

### Video

Blackmagic ATEM 1 M/E 10 input production Studio 4k vision switcher  
Blackmagic VideoHub 40x40 matrix  
Blackmagic SmartView monitors - 4k and Smartview Duo  
Tektronix WFM-7100 Waveform monitor, including Dolby monitoring  
2 x Blackmagic Up / Down / Cross Converters  
Blackmagic Design Hyperdeck Studio SSD recorder  
Panasonic AG-HPG20 P2 Field Recorder  
Sony PMW-50 XDCam Field Recorder  
Blackmagic Ultra Studio mini  
2 x 150m drums of dual tactical fibre  
100m HD coax cable and various HD BNC cables

### Comms

GSM: GlenSound MPI-005 GSM TBU  
GSM: GlenSound MPI-004 GSM TBU Field Portable Unit  
ISDN: GlenSound GS-GC6/1U Dual G.722 ISDN + GlenSound GS-GC6/1U Dual MPEG/Musicam ISDN  
ISDN: System base C310 Dual aptX ISDN  
SatComms: Paradise PD25L Satellite Modem  
UHF: Yaesu/Vertex Standard VHF / UHF narrowband FM comms transmitter  
Sonifex HY02 PSTN TBU (Optional)  
CTP Talkback 24 12x24 IFB & 4 wire Matrix and CTP T12 Talkback Panel  
GlenSound GS-FW005 4 wire IFB Desktop box  
Prospect C1ND 4 wire IFB Desktop box  
2 x Prospect C1B 4 wire IFB Belt pack units  
6 x Baofeng UV-5R Portable radios for IFB Comms + earpieces (electronic & acoustic tube versions)

### Power

Victron Multiplus 3 kVA inverter in UPS mode coupled with shore power  
Shore Power: 16A Single Phase incomer (BS4343 Ceeform)  
On board vehicle generator.