

SWR: Compact DSNG vehicle for Südwestrundfunk



To extend its mobile production units, we project-managed and implemented the conversion of a new DSNG vehicle for Südwestrundfunk (SWR). The vehicle, which is based on a Mercedes Benz Sprinter, uses an uplink system from easyLINK. The orientation and configuration of the transfer path between the DSNG and the satellite is undertaken by the service provider SAT-COM GmbH, remote-controlled via GSM.



A 150 cm unit from Swedish with a 400W HPA amplifier is used as the antenna system. The vehicle is equipped with two Thomson Grass Valley camera production units of type LDK 400 for recording, one of which features innovative wireless technology. The video and audio technology has been kept compact to make the best possible use of the space available: consequently, the technology comprises a Network cross-rail and a video-mixer from Brickhouse. Monitoring is via LC displays from Marshall. A Yamaha DM 1000 is used as the audio mixer. An Apple Final Cut NLE system has been integrated for the editing of playback material. In order to be able to work independently of an external power supply, the vehicle has also been fitted with its own Panda generator for its power supply and an UPS system.

Technical Specifications:

- Mercedes Benz Sprinter 5t
- EasyLink system for satellite line-up, coding and transfer
- 150 cm Swedish compact antenna system
- XICOM 400W HPA signal amplifier
- Thomson LDK 400 camera production units, Triax and wireless
- Sachtler stative
- Apple Final Cut Pro editing system
- Compact video technology from Network and Brickhouse
- LCD monitoring from Marshall
- Tektronix WFM 4000 measuring device
- Yamaha DM 1000 audio mixing deck
- ProLine Protalk command console
- Rubidium time system from Alpermann und Velte
- PT 5202 cyclic timer units from DK Technologies
- 3 kW roof-mounted air conditioning system
- Panda 12 kVA generator
- Online USV 2 x 1500 VA for uplink and AV technology

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