



Digital Satellite News Gathering

Projecting and Construction of two HD DSNGs for rt1.tv

Project Description: For the German TV service provider rt1.tv we projected and constructed two HD capable DSNGs to meet all needs for outside news gathering. The vehicles are equipped with five workstations for camera and picture control, editing, audio direction and satellite transmission control.



DSNG in action



HD satellite system



Workstation audio mixing



HD production switcher



Workstation direction



Riedel intercom system

Bernd Pohlmann, Head of SNG at rt1.tv: "Our new HD DSNGs meet all standards of up-to-date outside broadcasting: Now we are able to respond to the growing demand for HD productions. Thanks to the know how of Wellen+Nöthen the projection and construction of the HD DSNGs worked out fast and in an expert manner."

Technical Specifications (Excerpt)

- + Mercedes Benz Vario, 7.5 t
- + 5 Grass Valley LDK 8000 SD/HD multiformat cameras
- + Grass Valley Kayak HD 150 video mixer
- + Neveion router 64 x 64
- + 6 Sony LMD-2450 for monitoring
- + Miranda Alto HD multiviewer system, 2 Kaleido Quad Dual
- + Yamaha DM-2000 audio mixer
- + ND Satcom HD satellite system with 2 HPA signal amplifiers, prepared for 3rd encoder
- + Riedel Artist Matrix intercom system
- + Self-contained power supply, 15 kVA Fischer Panda generator including UPS
- + Design and construction of furniture