

SPIRITLAND – London, UK

SPIRITLAND ONE

Over the last ten years, London-based Spiritland Productions have worked on a variety of complex projects, including many major UK festivals, and are also the main provider for Chris Evans Breakfast Show's ambitious on-location projects for Virgin Radio. Their new state-of-the-art large-format 'Spiritland One' sound and video OB truck has the ability to deliver all sizes of live or recorded audio projects.

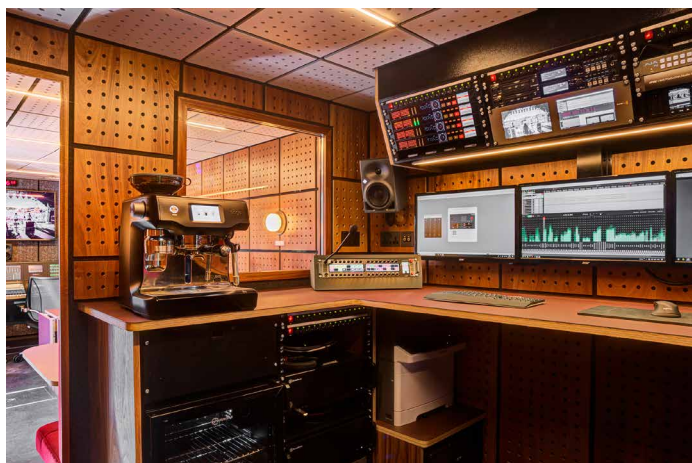


SYSTEM REQUIREMENTS

- Stagebox point-to-point fiber-based system
- Transport of multiple 3G-SDI video and BNC MADI
- Transport of multiple Gbit Ethernet independent networks
- Transparency for Dante and AES67 protocols
- Comprehensive single-channel status monitoring via front panel
- Savings on cabling between the truck and the stagebox
- Savings on rack space inside the truck
- Savings on power consumption

"Clearly in an OB truck rack space is the most important factor, in that respect the BrooMan solution has absolutely been a success. It just worked straight out of the box, and a 1U box in the truck and at the stage has really streamlined our stage delivery system."

Antony Shaw, Co-founding Director



SOLUTION

BroaMan system in Spiritland truck is based on two 1RU Repeat48WDM-24 with 2Fiber boards, allowing bi-directional multi-format, multi-signal transport.

The device layout combines 12 3G-SDI ports (which can be used for video and MADi transport) with 6 SFPs providing connectivity for multimode and singlemode fiber to run GBit Ethernet switches for Dante and AES67 as well as additional fiber MADi. Both the Repeat48WDM on the truck and the similar device on the stagebox connect via two DUO singlemode fibers.

KEY ADVANTAGES

- All signals multiplexed into one quad fiber cable with distance up to 10km
- Multiple 3G-SDI and BNC MADi ports combined with six open SFP slots
- Full transparency for 3rd party protocols
- Small form factor, low power consumption, no fan in the devices.

SYSTEM COMPONENTS

| OPTOCORE / BROAMAN Device | Localization | Functions |
|---------------------------|--------------|--|
| Repeat48 WDM-SFP | OB TRUCK | 6 3G-SDI IN, 6 3G-SDI OUT, 6 SFP Slots, 2x FIBER AUX Ports |
| Repeat48 WDM-SFP | STAGE BOX | 6 3G-SDI IN, 6 3G-SDI OUT, 6 SFP Slots, 2x FIBER AUX Ports |

SYSTEM DIAGRAM

