



Our SNG trucks meet all quality demands

| EVENT BROADCASTING

From HD production to worldwide broadcast via satellite or internet

When it comes to professional production and reliable transmission of events of all kinds, Media Broadcast has been the reliable partner of TV broadcasters and event organisers for decades now.

Mobility

High-quality TV production operations from nearly any location, combined with reliable transmission of images to the studio: with their many years of event broadcasting experience, that's what our employees and teams deliver.

Quality

The high technical standard of our SNG trucks enables us to meet the individual needs of event promoters and TV broadcasters. We can provide an optimal solution for any situation.

Space segment

Using a variety of satellite systems with flexible bandwidths, we can transmit your event around the world.

Streaming, file transfer and communication

Via mobile internet accesses, we can enable file transfer and VoIP services or stream your event directly into the internet. Either on the desired social media channel or on the customer's own internet platform, including services such as webcast, audiocast or slidecast.

25% savings with 16APSK

16APSK modulation (Asymmetric Phase Shift Keying) requires about 25% less bandwidth than standard 8PSK modulation. This significantly reduces the cost of satellite transmission of your event – whilst maintaining image quality.

Media Broadcast

We are Europe's biggest full-service provider of the broadcast and media industry. All public and private TV and radio broadcasters have been relying on us for decades now.

General data

- › Mercedes Sprinter 5.3 t truck
- › Space available 6.5 x 2.5 m
7.7 x 2.5 m with production SNG
- › Redundant uplinks
Linearizer
- › Network 16 x 16 crossbar
Nevion 64 x 64 crossbar
with production SNG
- › Generator 14 kVA
Panda generator with
production SNG only
- › 16A 3-phase power connection
- › UPS

Uplink and downlink equipment

- › Diamond antenna 1.9 m diagonal
- › 2x 750-watt amplifiers
2x 400-watt with production SNG
- › TX 13.75 GHz - 14.5 GHz
- › RX 10.7 GHz - 12.75 GHz
- › Antenna gain 45.5 dBi
in the transmission area
- › Antenna gain 43.5 dBi
in the reception area
- › Transmission power 73 dBW
70 dBW with production SNG
- › 3-port feed
Transmit on one level,
receive on two levels
- › DVB-S2
8PSK/16APSK
- › TVRO system
75-cm TWIN LNB for monitoring
- › Ras/Biss encryption
- › Ericson RX 8200 receiver
- › HD-MPEG 4 Voyager II encoder
- › Multi-channel transmission
8-tone phase-locked PAA

**IP equipment (live streaming)
and communication**

- › Newtec MDM 3310 Sat modem
mobile internet access up to
30 Mbit/s via ASTRA 3B
- › DSL/SIP-capable Codecs
for communication
- › 4x intercom
8x intercom with production SNG
- › Haivision Makito X HEVC
single-channel SDI encoder
for IP live streaming
- › HDD recorder
for event recordings

Production equipment

- › Camera: LDK 8000 Grass Valley
- › Damar&Hagen triax connection
- › Panasonic AV-HS400 video switcher
- › Yamaha 01V96 sound mixer
- › Wireless or cabled microphones
(Sennheiser)
- › Wireless control (continuous wave)
- › XD CAM camcorders
- › Arri lighting case / LED panels

Optional

- › Fibre optic connections
- › Monitors
- › Commentator units
- › Editing stations
- › EVS

Truck locations

- › Stuttgart
(D411 / HD7) & (D407 / HD3P)
- › Berlin
(D406 / HD2P) & (D409 / HD5)
- › Dortmund
(D413 / HD9)
- › Frankfurt a. M.
(D410 / HD6)
- › Hanover
(D408 / HD4)
- › Munich
(D412 / HD8)
- › Cologne
(D405 / HD1P)

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