

## FOR SALE

Used HD SNG Mercedes Sprinter 316 CDI in top condition  
with top level broadcasting equipment

### 2+2 full redundant

built by ND Satcom in Germany

Four path DSNG with VPC (*variable path combiner*)  
coming with 1,9m Era dish and Fischer Panda Power Generator - 5kva

first registration in 2011

first transmission in 2012

225.000 km mileage

in very good condition and very well serviced  
all invoices for services and repairs are available on request

See more information about the equipment on the next pages!

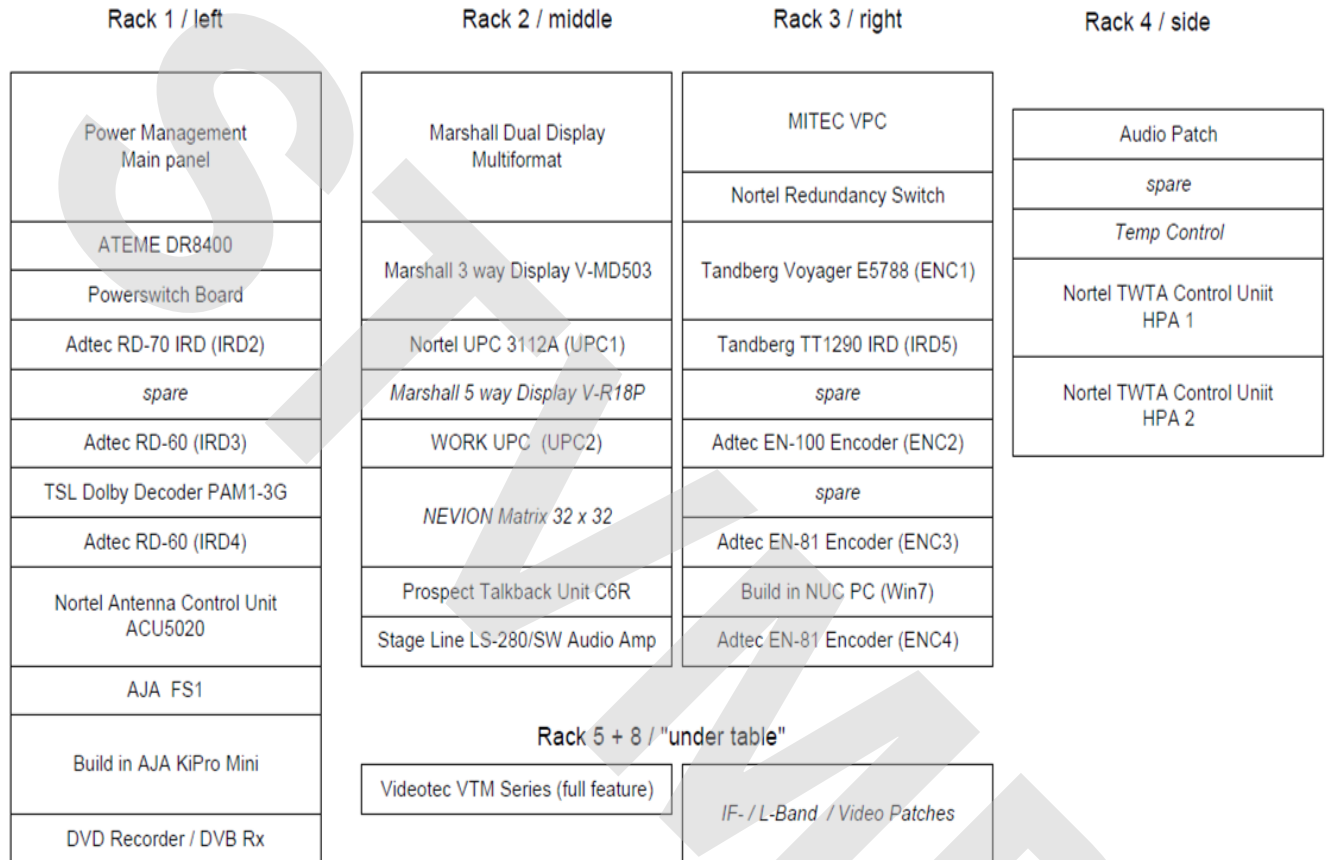


**Technical specifications of the HD SNG:**

**Short facts:**

The HD SNG Mercedes Sprinter is 2+2 full redundant – four path DSNG with VPC (VPC (variable path combiner): Switch between the transmission paths without losing power and connection at the endpoint).

The SNG was built in Germany by ND Satcom and is in top condition. All invoices for services and repairs are available on request.



**First registration:**

September 2011

**First transmission:**

February 2012

**Mileage:**

225.000 km

**Measurements:**

Length: 5.1m

Height: 2,7m

Width: 1.95m

**Euro Emission Norm:**

Euro Emission Norm 5

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**Total current weight:**

3.500 kg

**Maximum permitted weight per axis:**

Axis 1: 1.650kg

Axis 2: 1.400kg

**Power Residual current operated circuit breaker:**

available, 3-phase

all phases with FI switch installation (personal protection)

**Dish type and size:**

Era dish – 1,9m (2012)

rotary stand new in 2014 by ND Satcom

**Encoder – 4 pieces (one as additional spare part):**

2x ADTEC EN-81 (2012) up to 32apsk, 16 audio channels

1x ADTEC EN-100 (2015) up to 32apsk, 16 audio channels

All Encoder have full options

1x Tandberg Voyager E5788 (2007) 8psk, 16 audio channels

1x Tandberg Voyager E5788 (2007) 8psk, 16 audio channels – as spare part

Options for the Tandberg Voyager E5788, as follows:

- SD MPEG 4:2:0 & 4:2:2
- HD MPEG 4:2:0 & 4:2:2
- ASI Interface
- QPSK Modulator (70MHz)
- 2 free expansion slots
- SDI Input & Analog Video Input
- AES/EBU & Analog Audio Input (two stereo pairs)
- Web Browser Interface
- Including Option RAS Scrambling
- Including Option BISS-I & BISS-E Scrambling
- Including Option DVB-S2 Modulation
- Including Option DVB-S2 QPSK & 8-PSK

All Encoder are able to do Dolby 5.1

**Decoder – 4 pieces (one as additional spare part):**

2x ADTEC RD-60 (2012)

1x ADTEC RD-70 (2015)

1x Vantage VT.7000 (2012)

1x Tandberg TT1290 (2007) – as spare part

All Decoder have full options

**HPA's:**

2x Nortel TWTA 400W HPA (2012/2014) Outdoor

1x Nortel TWTA 400W HPA (2007) Outdoor – as spare part

**Helix Power Value:**

HPA 1: working hours: 4492h, I Heat = 1109mA, U Helix = 8,46kV, I Helix 0.4mA at 218W

HPA 2: working hours: 3373h, I Heat = 1114mA, U Helix = 8,6kV, I Helix 0.3mA at 247W

HPA 3 as spare part: working hours: 4089h, I Heat = 1368mA, U Helix = 8,63 kV, I Helix 4,9mA at 346W

HPA's have been cooled down after each production for at least 15 minutes

**VPC:**

Switch between the transmission paths without losing power and connection at the endpoint

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**Phase combiner:**

1x Mitrec Phase combiner (2007)

**Redundancy switch:**

1x Nortel Redundancy switch (2007)

**Antenna Control Unit:**

1x ND Satcom ACU5020 (2012)

**HPA Control Unit:**

2x Nortel Dasa HPA Control Unit (2012/2015)

**Splitter:**

2x Sat Service LRDM-28 Splitter (2012)

**Satellite Router:**

1x ND Satcom UPC-3112Aj (2012)

**Others:**

1x WORK UPC-CBH02.69 (2012)

1x Kathrein Oyster TVRO Kit (2012)

**Measurement:**

1x TSL Doly Decoder PAM1-3G (2012)

1x Videotec HD Star (2012)

1x Videotec VTM Series (2012, revised in 2015)

**Spectrum Analyzer:**

1x Rohde & Schwarz FSH3 Spectrum Analyzer

**Monitoring:**

1x Marshall Dual Rack Monitor 3RU (2012)

1x Marshall V-MD503 (2015)

1x Marshall V-R18P (2015)

**Routing:**

1x Nevia SL32XY-CP (2012)

1x Nevia 32x 32 Router (2012)

1x Aja FS-1 (2012)

1x Aja Reclock HD (2012)

1x Aja Reclock HD (2012)

1x Aja Embedder (2012)

1x Aja Disembedder (2012)

1x Stageline 2way distribution amplifier – IFB distribution (2012)

1x Stageline 4way distribution amplifier – optional audio distribution (2012)

1x Prospect IFB Talkback unit C6R (2012)

1x rear panel BNC / XLR / Con Quad / RJ45 (2012)

1x video patch panels BNC (2012)

1x audio patch panels Lemo (2012)

# sports tv media distribution

Paradeisergasse 9 • 9020 Klagenfurt, Austria  
Tel.: +43 463-90 8000 • Fax: +43 463-90 8000-99  
e-mail: stvmd@stvmd.com • <http://www.stvmd.com>

## **Fibre kit:**

1x yellow brick – 10 way distributor (2012)  
2x Neutrik Con Quad Buchse (2012)  
1x Fibre Stagebox 2x SDI Input + 2x SDI output (2012)

## **Wires:**

2x Neutrik 100m Con Quad (2012)  
2x H&S 60m HD SDI BNC drum (2012)  
1x 50m CEE 16 drum (2012)  
1x 50m T13 drum  
1x Sennheiser wireless micro kit (2012)  
1x Sennheiser wireless inear kit (2012)

## **Power Generator:**

1x 5kva Fischer Panda Power Generator (2012)  
Emergency Power Generator system through engine is included

## **Extras:**

1x Aja Kipro mini (2012)  
1x Panasonic HDD / DVD Player (2012)  
1x Terra NUC PC (Win7) (2012)  
1x diverse power switch panels (2012)  
1x temporary display (2012)

## **Turnable seats:**

Driver and Co-pilot seats are turnable within 180°

## **Services:**

Turbo has been changed on warranty in 2014

## **TÜV:**

Last TÜV was done in June 2016 and could be done on request in 2019

## **Air condition:**

Vehicle air condition through 220V compressor with ignition switched on (without running engine)

## **Floor isolation:**

Special isolated floor

## **Spare parts:**

HD Encoder: 1x Tandberg Voyager E5788 (2007) 8psk, 16 audio channels  
HD Decoder: 1x Tandberg TT1290 (2007/all options)  
HPA: 1x Nortel TWTA 400W HPA (2007) Outdoor  
Various accessories such as:  
Power adapter CEE63/32/16 + 220V  
HD SDI patch cables

## **Rear view camera:**

Pioneer Navgate

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**Mediacenter:**

Including multisensor Navigation, Radio, CD- Player, Carplay, Bluetooth and colored rear view camera connection

**Photos of the HD SNG:**



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Used HD SNG Mercedes Sprinter 316 CDI – with top level broadcasting equipment - 2+2 full redundant in good condition for sale

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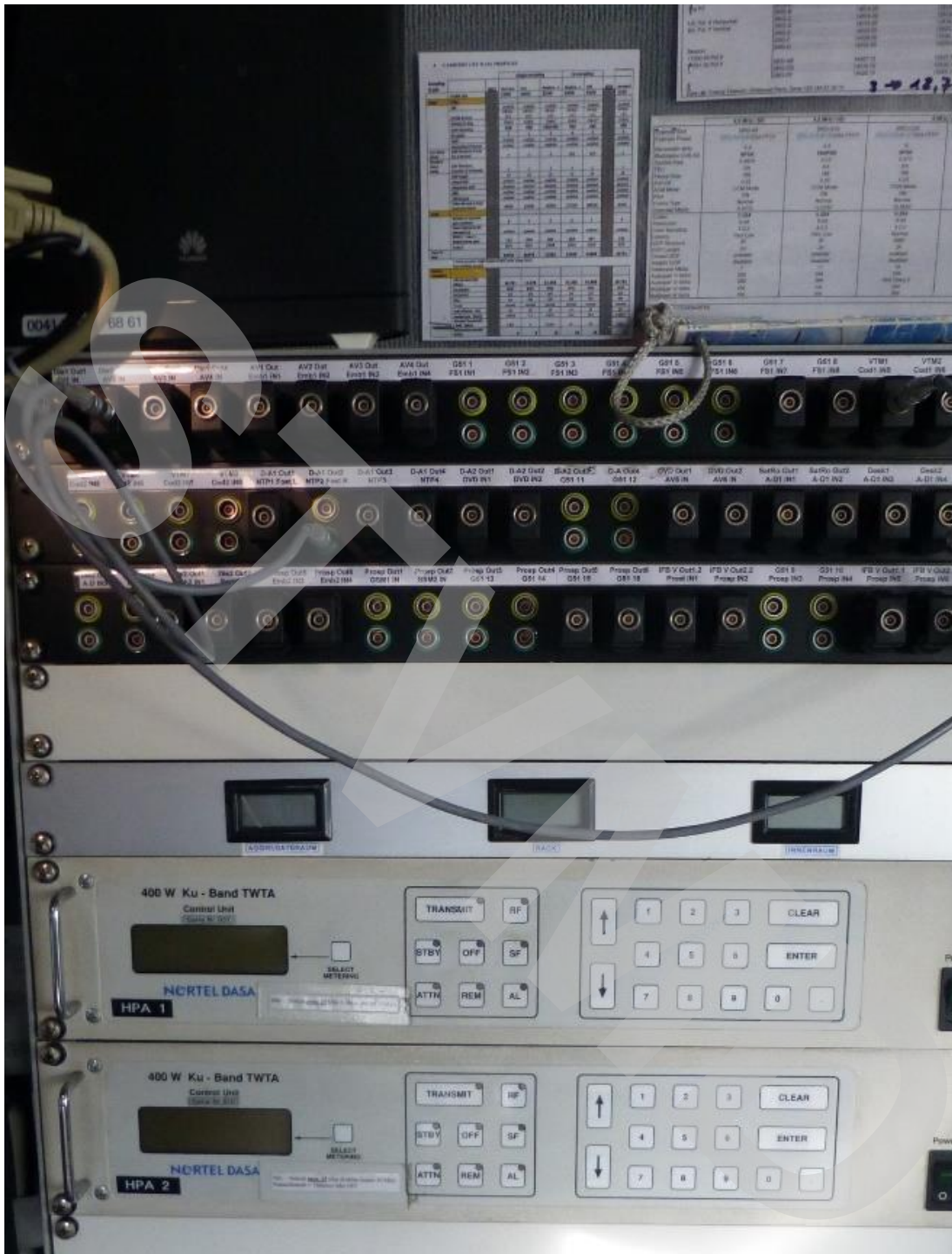
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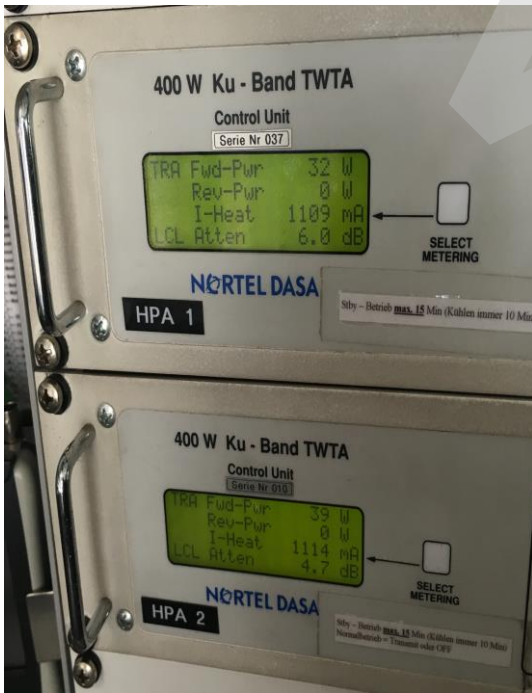


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**Helix Power Value:**



**Price on request:**

- excl. VAT
- excl. shipping & insurance costs
- excl. custom fees

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