

FOR SALE

SNG 14

Used HD 1080i SNG Mercedes Sprinter 515CDI

2+1 in HD 1080i

SNG is fully redundant and includes a redundancy switch

The SNG was built in 2008 by ND Satcom -Germany

First registration in July 2008

Registered as "special vehicle"

Mileage 360.500km

Euro Emission Norm: Euro 4

TÜV/MOT valid until Juli 2025

Riello UPS system SP P 3000 - dual – from 2022

Diesel - Stand Heater system

16 Ampere CEE power system

IEC 60364-7-717 power certificate 2022– UEFA / FIFA standard

HWH Hydraulic Jack control

Aircondition: 1x Dometic – for production Gallery

1x Truma Saphir Comfort for all racks

Waeco I2512 12 Volt Battery charger

Including:

2x 700 Watt HPA's -BUL2713 ND-Satcom with built in BUC -block upconverter and Linearizer

13.75-14.50 Ghz outdoor HPA's

1x Ericsson AVP 3000 1080i encoder

2x Adtec EN91 1080i encoder

2x Adtec IRD60 Decoder - 1080i

3x Tandberg RX1290 IRD decoder - 1080i

Nortel Dasa Era 1,5mtr Antenna

1x Kathrein Mobisat 2Transmare" Antenna

ND Satcom TX patchpanel

Built in generator system - engine coupled

Network SL SD 16x16N CP HD-SDI video matrix 1080i

Tektronix WFM 7120 HD waveform monitor

Rohde and Schwarz FS300 spectrum analyzer

1x 30mtrs. power cable

HWH Hydraulic control system

SNG is in good condition and very well serviced and maintained



SNG facts:

Professional uplink and broadcast technology with corresponding redundancies - in HD 1080i

» all requirements of the EBU or UEFA are met

» streaming option integrated

» one-room concept (1-4 workstations)

» integrated emergency power generator / UPS concept

All 3 years serviced from ND-Satcom -service reports are available

Permanently maintained and upgraded -service reports are available

Video/Audio equipment:

Videomatrix:

Network SL SD 16x16N CP HD-SDI video matrix 1080i

Cabling is prepared for a video mixer – video mixer not included

Audio:

Audio mixer is not included – preparation is available

Satellite equipment:

This SNG has high HPA hours, but was well serviced by ND Satcom - all service reports are available, everything works perfectly.

All waveguides and tubes are in excellent condition

Helix current is very low.

Inside coachbuilding:

One room concept

Condition of the vehicle / chassis:

Rust visible on the vehicle – possible to repair

Technical specifications of the HD SNG:

Vehicle information:

Mercedes Sprinter CDI 515 HD 1080i SNG

First registration:

July 2008

First transmission:

2008

Mileage:

360.500km

TÜV/MOT valid until:

July 2025

Euro Emission Norm: 4

Measurements vehicle:

Length: 5,91m

Width: 1,99m

Height: 3,02

Power System 16 Ampere CEE - according IEC 60364-7-717:

16A CEE power system IEC 60364-7-717 certified 2022 -according to the UEFA power rules

Valid IEC power certificate available

Maximum Weight of the vehicle:

5,0 tons

Euro Emission Norm:

Euro Emission Norm 4

Air condition – Dometic +Truma:

1xDometic system on the roof for production gallery - 3,2W power with 1 circle

1xTruma Saphir Comfort Aircondition system for all racks

Jacks - stamps:

HWH Hydraulic control system for Jacks

Hydraulic jacks on rear side

Diesel stand heater:

Installed – takes the fuel from the engine of the vehicle

Outside awning:

Yes installed on right side – manual control

Power generator:

Power generator with power take-off included – engine coupled

UPS system:

Riello UPS system SP P 3000 – dual – built in 2022 for up to 5 minutes in full working mode

Emergency mode for HPAs, encoder and decoder

Waeco I2512 1 – 12Volt Battery charger

Satellite Equipment:

Antenna:

Nortel Dasa 1,5m

Antenna controller:

1x ND Satcom ACU 4100A SNG

1x ND Satcom ACU E110B SNG controller

HPAs – ND Satcom:

2x 700W HPAs BUL 2713 – outdoor HPAs with integrated Blockupconverter

Frequencies: 13.75-14.5 GHz & 10 MHz Ref

HPA redundancy Controller:

ND Satcom RCU 5000 redundancy controller

HPA 1:

Transmission hours: 9.138h

Output Power: 673 W

Heater time: 10206 hours

Heater Current: 11669 mA

Helix Current: 0.7 Ma

Helix Voltage: 11.05 kV

HPA 2:

Transmission hours: 8.967h

Output Power: 643 W

Heater time: 10129 hours

Heater Current: 1173 mA

Helix current: 1.0mA

Helix Voltage: 10,99 kV

Encoder 1080i:

2x Adtec EN91 encoder

1x Ericsson AVP

Decoder 1080i:

2x Adtec RD 60 decoder

3x Tandberg RX 1290 decoder

BISS:

Normal BISS code is possible - no BISS CA possible

Receiver:

1x Kathrein UFS-740sw

L-Band Converter:

Encoder output is in L-Band

Rhode & Schwarz video distribution amplifier

1x Sat-nms LRXD-28 L-Band splitter

Both Encoders can be on air at the same time

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Dish for return signal:

1x Kathrein flat satellite antenna for roof mount

ND Satcom Matrix:

ND Satcom TX Patch panel

Spectrum Analyzer:

Rohde & Schwarz FS 3000

Measurement equipment:

Tektronix WFM 7120

Video -System control:

Video/audio configuration computer

Video Matrix -HD1080i:

Network SL-SD1616N-CP

With control panel

Video distribution -Glue equipment:

1x Rohde&Schwartz Video distribution Amplifier AVF BN 13601

Lynx Series 5000:

1 Frame with the following cards:

2x RCT 5031 master CTR cards

2x P MX 5262D cards

1x C MX 5110 card

2x CAD 5320D cards

Multiviewer:

Zandar Predator HD 4 - multiviewer -1080i

Monitoring:

2x Sony LMD 950 monitors

1x Dyon Monitor

Videomixer:

No video mixer installed.

Audio:

Audio mixer:

No audio mixer installed

Intercom System:

Zähl Air 4 (1RU) for up to 4 connections

Intercom panel:

1x Riedel RCP 1112 intercom panel

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Audio matrix:

Not installed.

Soundboxes:

2x Genelec sound boxes

2xFostex boxes 6301 Personal Monitor

Audio codecs:

2x AVT Magic AC 1 XIP RM

Lynx:

1xLynx Frame including 2x CAD 5110 and 1x C DX 5624

Streaming encoder:

T21 AVC HD Encoder (Streaming) -dual

Rear side:

Cables:

Audio cables: 80 m Siemens

Video cables: 50m -5 x Video

SMPTE cable 180 m

Video Patchbay (external & internal)

Rear side:

2x ND Satcom Video patch panel

2x ND Satcom Audio patch panel

UPS system:

2x Riello UPS system

Fritzbox -WLAN

1xFritzbox

Power cable:

1x 40m power cable

Footramp on the backdoors:

Permanent Footramp in steel on the back doors

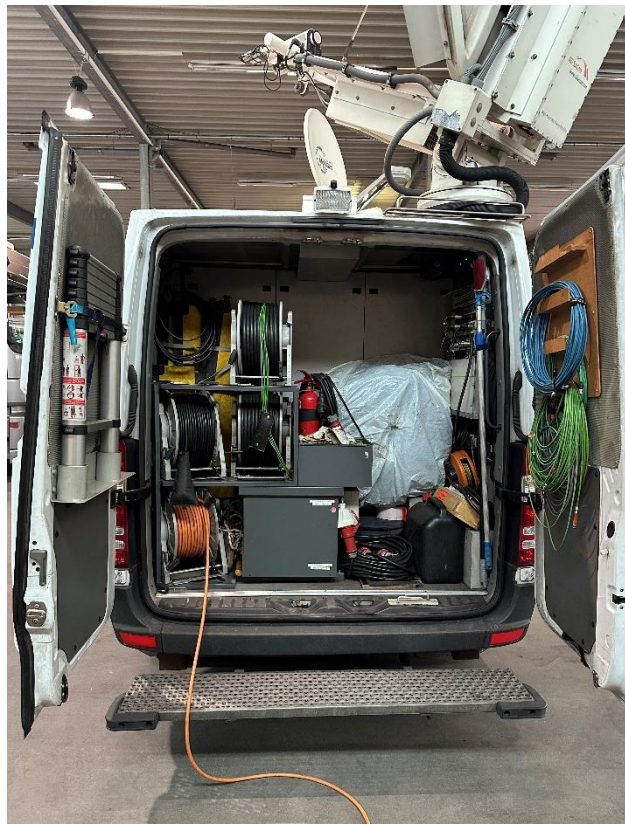
Photos of the HD SNG:

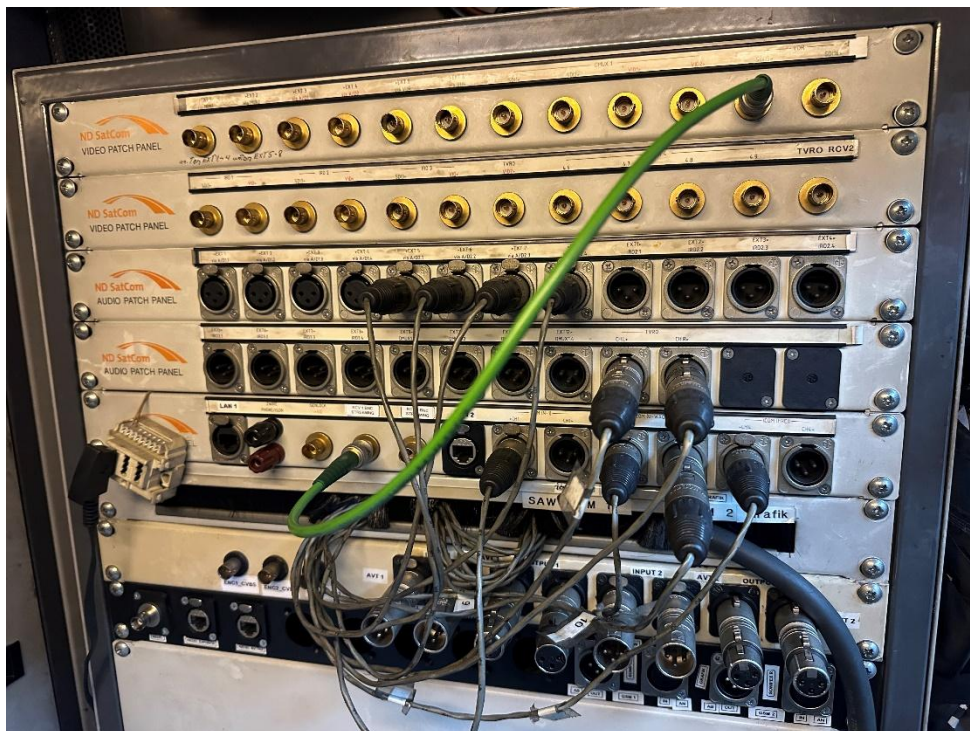


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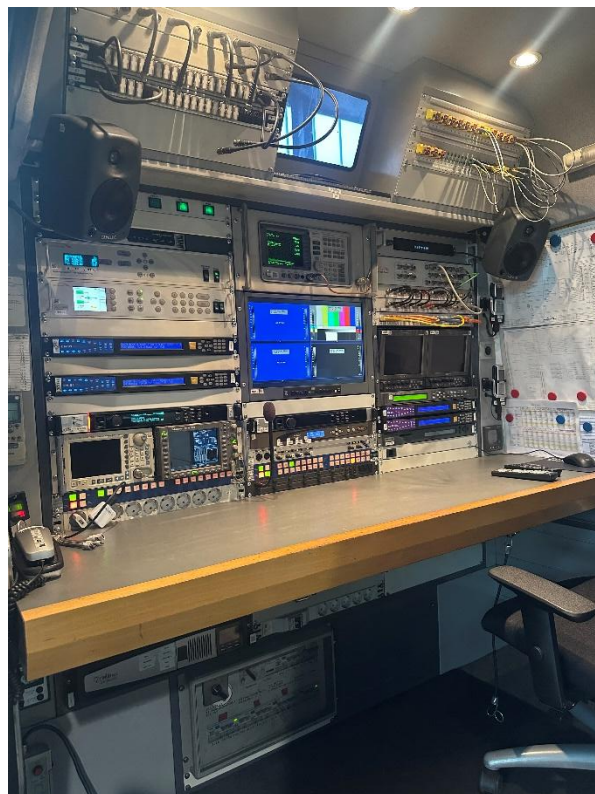
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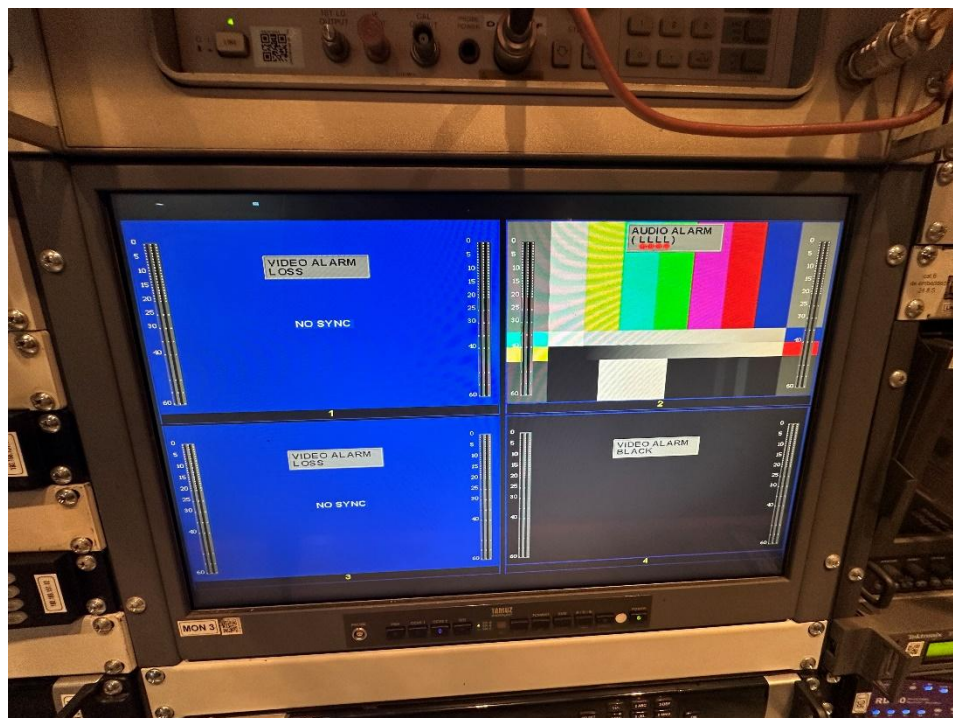
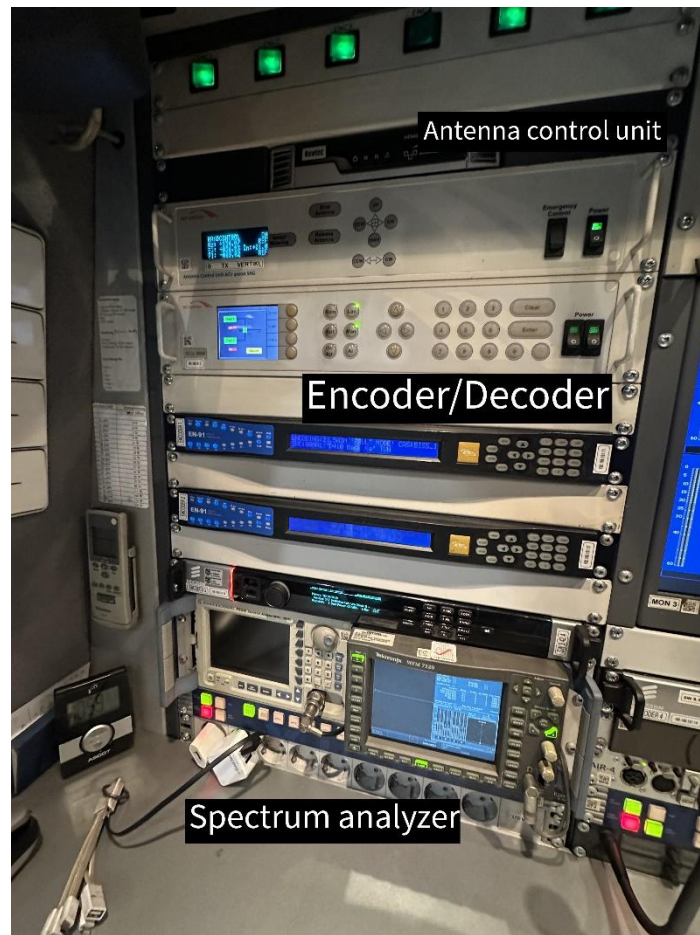


sports tv media distribution

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>

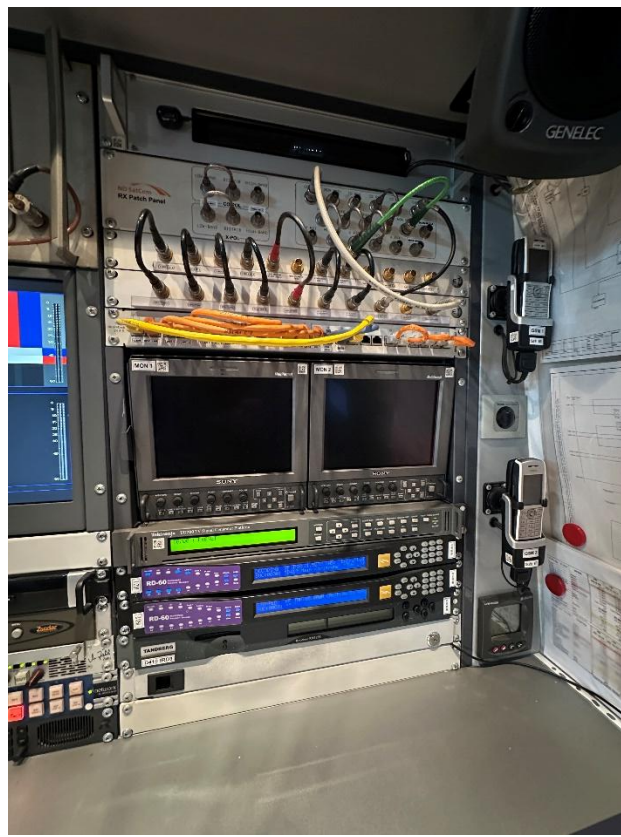
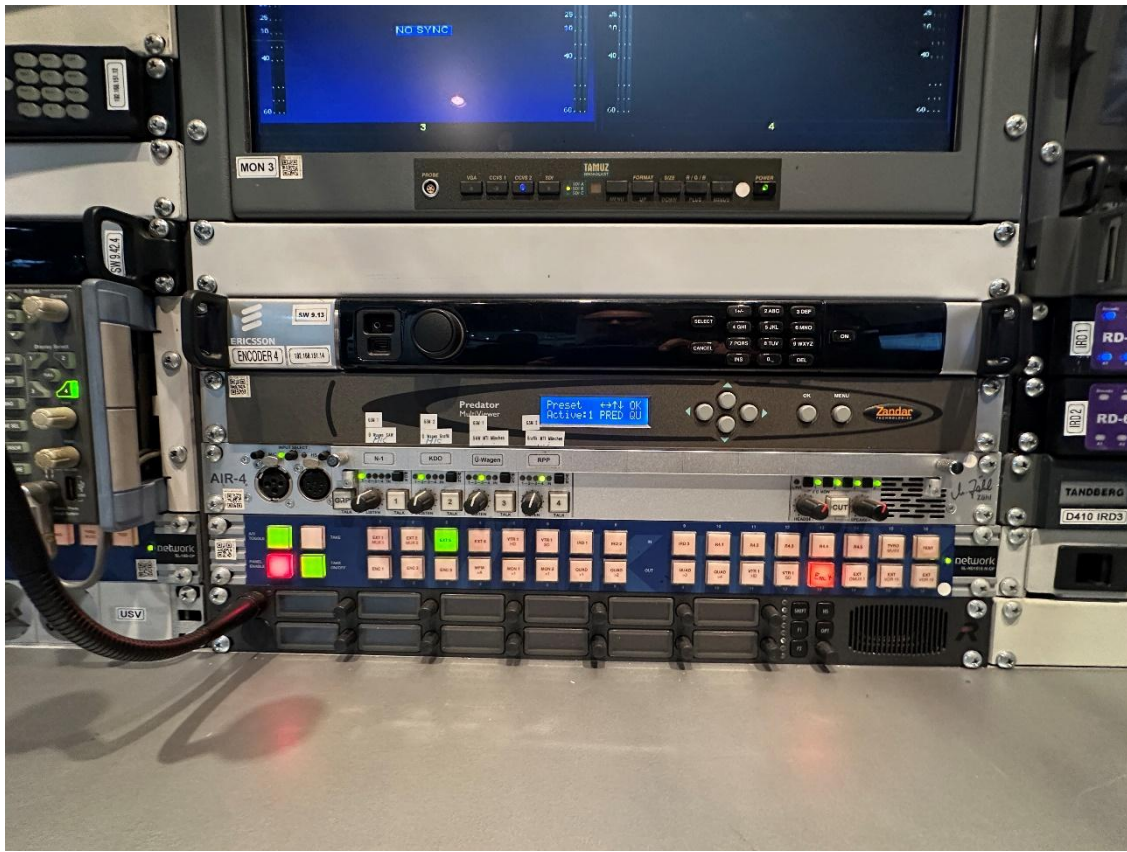


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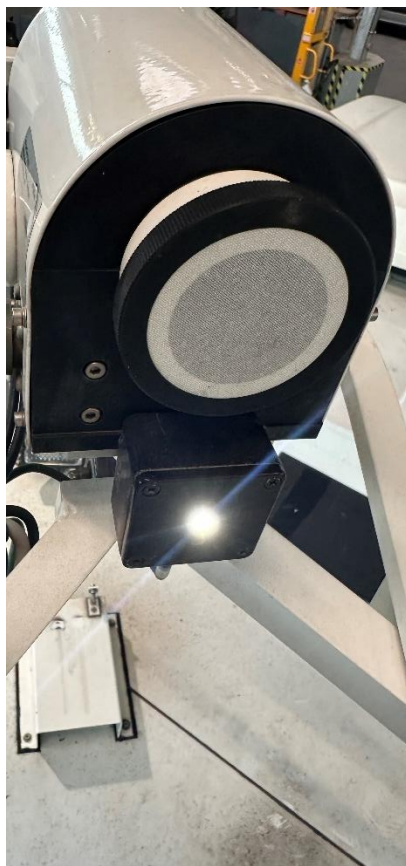
Turnable Co-Pilot seat

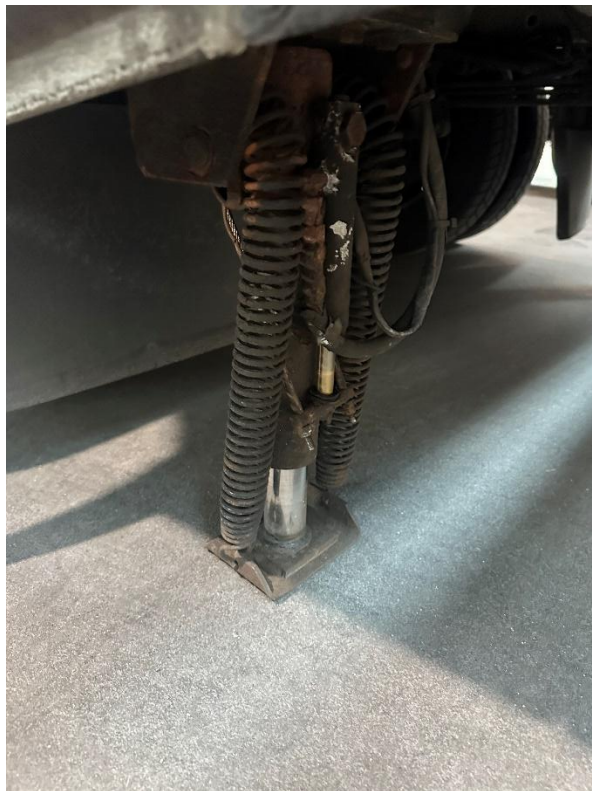




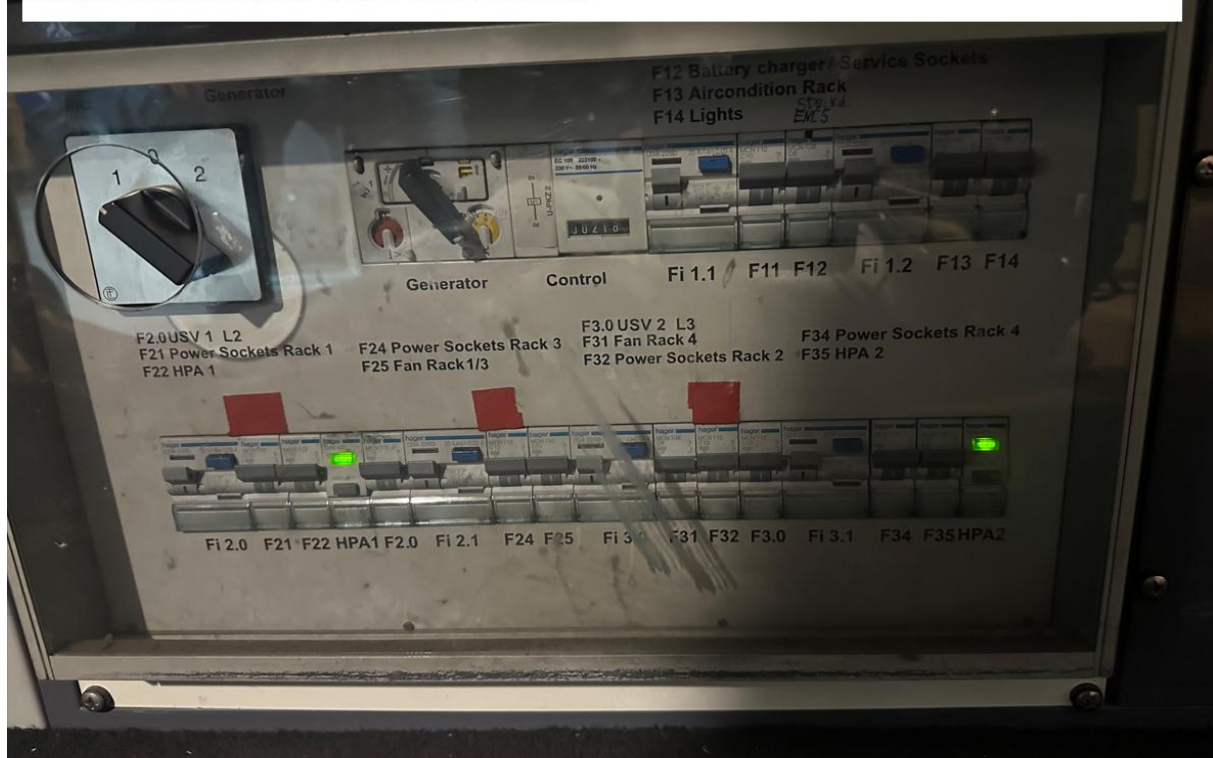






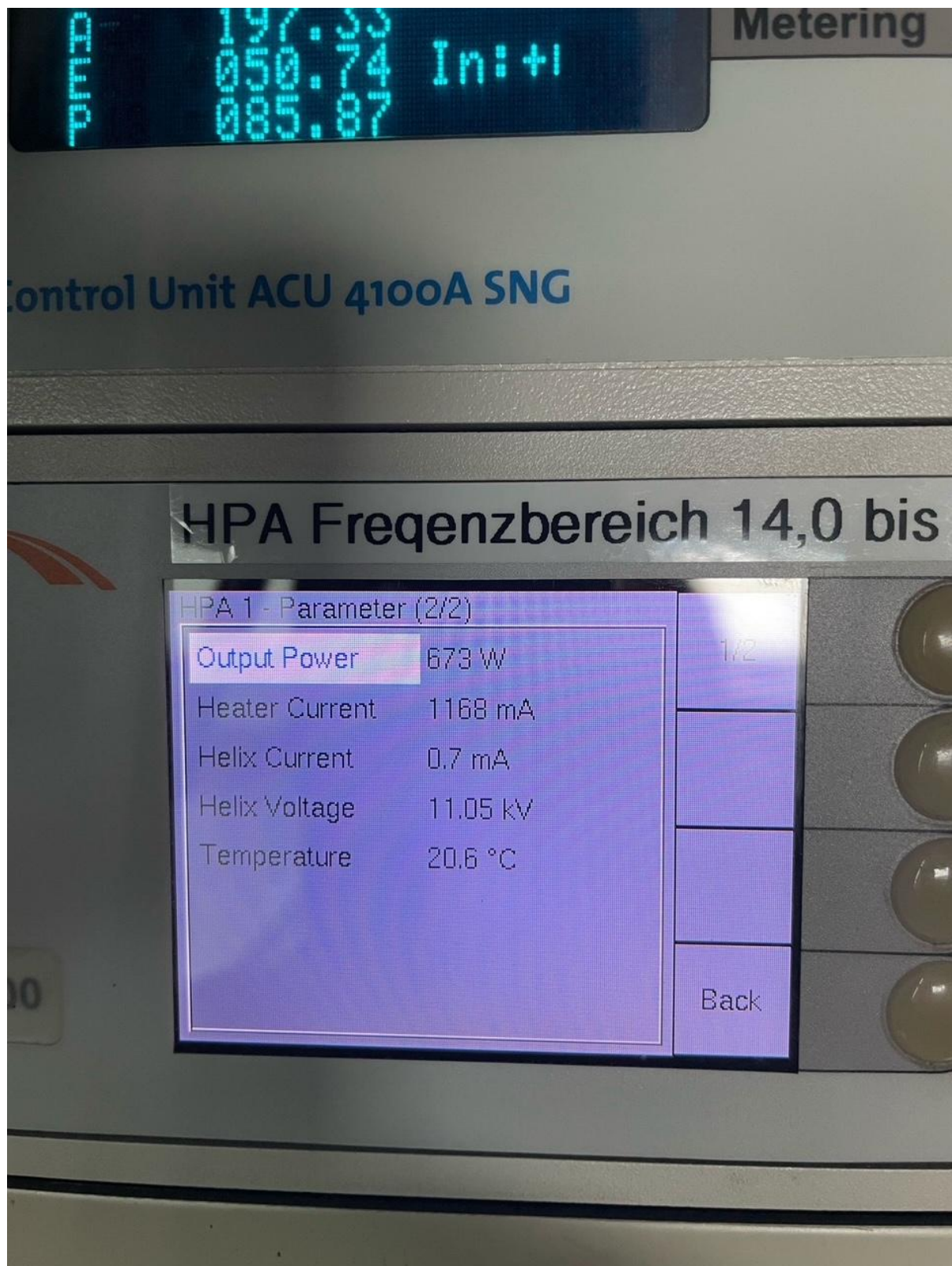


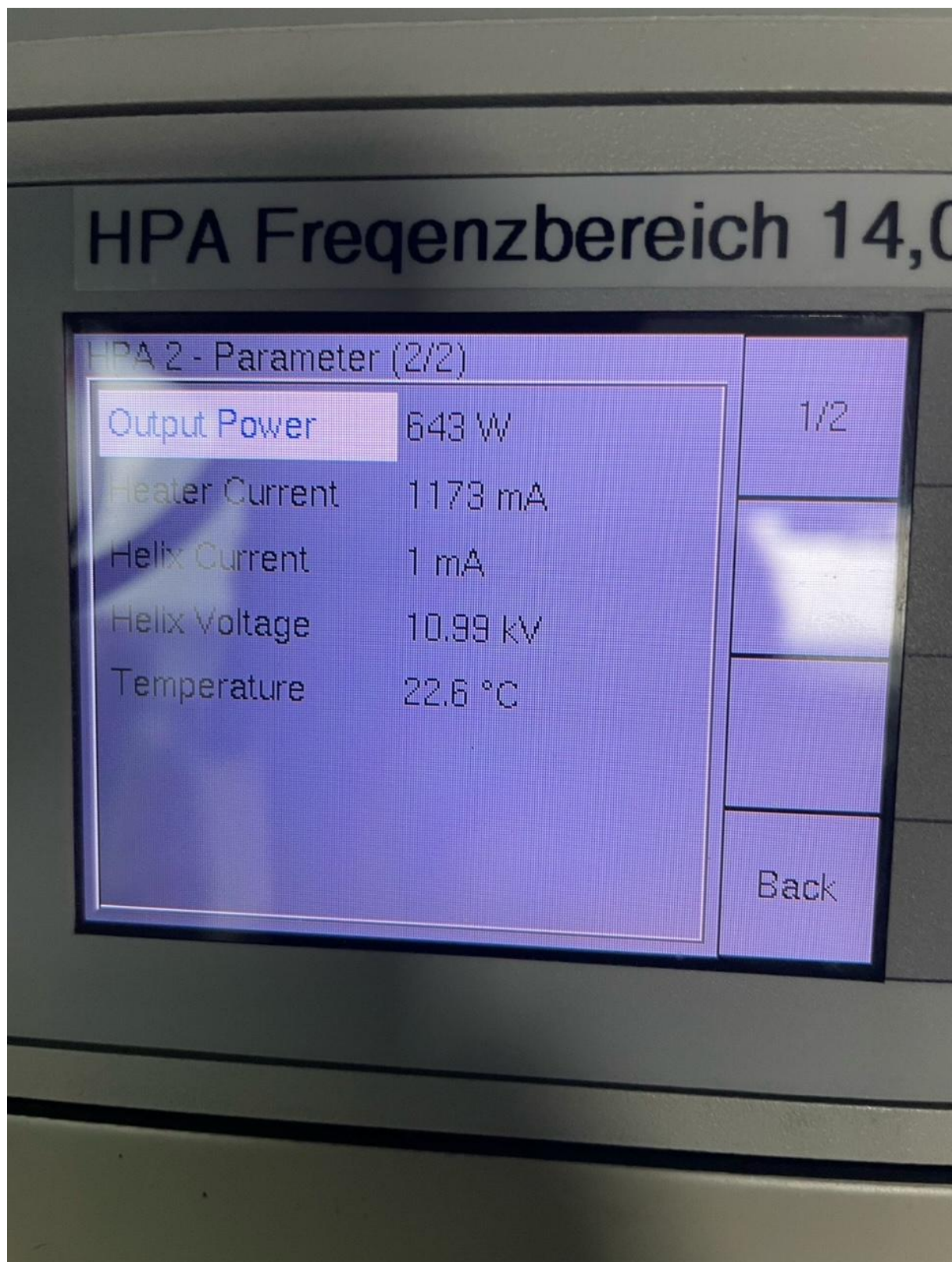
16Ampere CEE power system - not IEC 60364-7-717 ready



16Ampere CEE power system - main Fuses







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For further information please contact:

sports tv media
distribution

Otmar Valzachi
sports tv media distribution GmbH
Paradeisergasse 9
9020 Klagenfurt, AUSTRIA
Tel:+43 463 908000
Fax:+43 463 908000 99
Mobile:+43 676 848606211

email: ov@stvmd.com
<http://www.stvmd.com>