Overview

SQuadriga II is a 24 bit recording and playback system for a wide range of applications. Its compact dimensions and low weight, its built-in battery and its variety of connection possibilities provide for a high degree of mobility and functional versatility. SQuadriga II saves time domain data on a removable SD card in stand-alone operation, whereas it saves directly to PC or notebook in front-end mode via USB. SQuadriga II can be conveniently operated via its function buttons and its touchscreen display, as well as via the HEAD Recorder software running on a connected computer.

ICP microphones and acceleration sensors, a calibrateable BHS II headset, pulse sensors, CAN, OBD-2 and FlexRay bus systems, an artificial head or other sensors can be connected directly or via adapters or adapter cables. SQuadriga II allows both the channel configuration and the sensor setup to be configured and saved on the device.

Without an external power source, the built-in rechargeable battery allows the extremely compact SQuadriga II unit to run for up to six hours. With additional standard batteries (AA type) inserted in the separate battery compartment, the operating time in stand-alone mode can be further extended.

SQuadriga II operates silently and is ready for operation immediately after turning it on.
### Direct connectors

**BNC**
The six AC- and DC-compatible BNC inputs can be used as analog in or ICP inputs, each input has optional HP filters (2 Hz and 22 Hz). Independently of each other, they can also be used as analog outputs. For each channel, the input sensitivity of the BNC channels is separately adjustable.

**BHS Headset**
With the BHS II headset connected, sound events can be recorded and played back binaurally and authentically. The headset interface has its own A/D and D/A converters, a booster-amplifier and two optional highpass filters. The ICP measurement microphones of the headset BHS II can be calibrated.

With the adapter CLB I.2 the BHS II headset can be connected to the BNC interfaces, too (recording only).

**Pulse In**
Two electrically isolated pulse inputs (SMB) can be used to connect pulse sources directly via BNC. SMB > BNC adapters are included.

The pulses are sampled with 32 times of the sampling rate. At a sampling rate of 48 kHz, the maximum pulse frequency is limited to 600 kHz, or 1 MHz at 96 kHz.

**USB**
The USB 2.0 interface transmits data at high speeds of up to 480 Mbps. SQuadriga II can be identified as a USB mass storage device.

**Headphones (playback/monitoring)**
The equalized headphone output, which allows a dynamic headphone from HEAD acoustics to be connected, has its own booster.

### Adapters and adapter cables

**Multi function (SVA II.0)**
Simultaneous connection of CAN or OBD-2 sensors, an artificial head HMS IV (configuration), a GPS antenna and the remote control RC X.1-V1.

**CAN/OBD-2 (CLD VII.1)/CAN FD (CLD VII.2)/FlexRay (CLF VII)**
Via the CLD VII.1/CLD VII.2/CLF VII adapter and an user-specific CAN/FlexRay cable, SQuadriga II receives CAN/FlexRay data (CAN FD via CLD VII.2). A DBC/DBFR database can be saved on the SD card, so that four CAN/FlexRay signals can be decoded directly while monitoring.

**OBD-2 information (via CAN according to ISO 15765-4)**
Can be polled via this interface as well. For this, the adapter CLD VII.1/CLD VII.2 and the cable CDO X.3 are required.

**AES/EBU (CLX VII.1)**
The AES interface can be used to connect SQuadriga II to an HMS artificial head (via the software HEAD Recorder or in stand-alone mode via RS232).

The connection via AES/EBU is synchronized and sample-accurate.

**RS232 (CLD VII.8)**
This interface allows an HMS IV artificial head to be controlled in stand-alone mode.

Additionally, the cable CAB I.xx (Code 5475) is required.

**GPS (CLG VII)**
The GPS adapter allows the recording of GPS coordinates, speed information, etc. The information are stored in a separate channel.

**HMS (recording) / HEADlab / SQuadriga II / BEQ II**
Via adapter CLD VII.6, SQuadriga II can be used as a controller extended with a HEADlab module (labV6 or labVF6 and labM6). In addition, a power box labPWR I.1 and the cables CLL X.xx and CLL XI.xx are required.

**Second SQuadriga II (CLL VII.1)**
Via this interface, two SQuadriga II units can be combined into one system, allowing additional, sample-synchronized channels to be recorded. In stand-alone mode, the data are stored on the SD card of one SQuadriga II.

**ADAT In/Out (CLA VII.5)**
This interface converts ADAT signals to signals that are transmitted via Toslink connectors. This allows, for example, connection to a binaural front end BEQ II.

**Pulse conditioning (SCU-P2)**
Adapter for conditioning of varied pulse signals and transferring TTL compatible pulses to SQuadriga II.

**Impedance converter (SCU-V2)**
Adapter for connecting two high-impedance voltage sources.

**BHS II (CLB I.2)**
Adapter for connecting BHS II to SQuadriga II via BNC interfaces (only recordings).

**HSU/BHM (CLB I.3)**
Adapter for connecting HSU III.2 / BHM III.3 to SQuadriga II (via headset interface).
Operation modes

Front-end mode

In front-end mode, SQuadriga II is controlled from a notebook, PC or tablet PC (Windows) via USB using the HEAD Recorder software, and recordings are saved directly to the hard disk of the computer. The HEAD Recorder provides all the proven features, such as intuitive sensor setup via the front-end view, real-time monitoring with up to 16 analysis windows, or flow control functions.

Stand-alone mode

In stand-alone mode, operation is easy and intuitive via buttons or via the touchscreen display using a stylus. Frequently used menus can be reached quickly, considerably facilitating the operations. Recordings are saved to the removable SD card, which is detected automatically by SQuadriga II.

SQuadriga II and HEAD/lab

In HEAD/lab mode, SQuadriga II can be operated as a controller with a connected HEAD/lab signal module (labV6 or labVF6 and labM6). SQuadriga II controls and configures the module.

Real-time analyses (monitoring/playback)

For playback and monitoring (not in record mode), SQuadriga II provides the real-time analyses FFT, Octave, Third Octave, Level, Time Signal, Articulation Index. While analyzing, an IIR filter (bandpass/bandstop/param. bandpass) with adjustable filter parameters (quality, frequency/attenuation) is available. Furthermore, SQuadriga II provides the psychoacoustic analyses Loudness as well as Spec. Loudness and Sharpness.

CAN, FlexRay and OBD-2 quantities as well as Pulse and GPS signals can be displayed as a time signal, too.

Remote control RC X

The remote control RC X allows the starting and stopping of SQuadriga II recordings. The RC X is available in three variants:

- RC X.1 is connected via USB with the PC (in front-end mode; controlling via HEAD Recorder)
- RC X.1-V1 is connected to the multi-function adapter SVA II.0 (in stand-alone mode)
- RC X.1-V2 is directly connected (AUX 1) to SQuadriga II (in stand-alone mode)

From a distance of up to 20 m, the RC X.1/RC X.1-V1 can be wirelessly controlled by the radio module RC X.2.

ArtemiS suite extensions

The ArtemiS suite software modules (ASM) provide varied, individual extensions for SQuadriga II:

- Documentation templates suitable for the SQuadriga II user documentation (ASM 00)
- Support for sensor libraries (senx) (ASM 00)
- Creation of reports such as using the user documentation (ASM 02)
- Database with extensive search functions (ASM 03)
- Controlling the SQuadriga II functions in front-end mode (ASM 04)
- More than 130 analyses, filter options and statistical calculations (ASM 01, 12, 13, 14, 15, 16, 17 and 19)
- Modal analyses using the impact measurement tool (ASM 18)
- Latency-free real-time filters for monitoring with SQuadriga II (ASM 19)
- Export of SQuadriga II recordings in external formats (ASM 23)
- Extracting individual signals from CAN, FlexRay, and OBD-2 measurements (ASM 24)
- Channel-related calculation functions (ASM 27)

SQuadriga II simulator

The SQuadriga II simulator is a stand-alone software which allows the user to configure SQuadriga II virtually on a PC. The configurations can be stored on the SD card and loaded in SQuadriga II.

SQuadriga II offers various selection windows which can be used as input or output windows (settings, operating conditions, recording, measurements, level, real-time analyses, playback, etc.).
**Scope of supply**

- SQuadriga II (Code 3320)
  - Mobile recording and playback system
  - SD card, 16 GB
  - SD card reader
  - Power adapter for SQuadriga II
  - 5 V / 15 W / Coax 5.5/2.1 mm
  - CSB VII.0 (Code 3350)
  - 2 x cables SMB ↔ BNC (including BNC adapters), 15 cm
  - USB II.1.5 (Code 5478-1.5)
  - Cable USB 2.0, 1.5 m
  - HSC V.1 (Code 3330)
  - Carry case for SQuadriga II
  - Carry strap for SQuadriga II
  - HEAD Tools DVD (incl. SQuadriga II Tools, SQuadriga II Simulator)

**Overview adapters/adapter cables**

### Aux 1

**Interface for connecting:**

- SVA II.0 (Code 3360)
  - Multi function adapter for the simultaneous connection of:
    - CAN bus (OBD-2 according to ISO 15765-4 via CAN with CDO X.3)
    - Cable RS232 (HMS controlling)
    - GPS antenna (included)
    - Remote control RC X.1-V1
    - CLD VII.1 (Code 3351)
      - Adapter bus (OBD-2 according to ISO 15765-4 via CAN with adapter CLD VII.1 and cable CDO X.3)
      - CLD VII.2 (Code 3362)
        - Adapter CAN FD
        - (according to ISO 11898)
      - CLF VII (Code 3361)
        - Adapter FlexRay
      - CLG VII (Code 3357)
        - Adapter GPS
      - CLD VII.8 (Code 3358)
        - Adapter RS232
      - RC X.1-V2 (Code 9850-V2)
        - Remote control

### Aux 2

**Interface for connecting:**

- CLX VII.1 (Code 3352)
  - Adapter cable AES/EBU
- CLL VII.1 (Code 3353-1)
  - Adapter cable SQuadriga II
- CLA VII.5 (Code 3355)
  - Adapter ADAT In/Out
- CLD VII.6 (Code 3356)
  - Adapter HEADlab

**BNC**

- SCU-V2 (Code 3394)
  - Adapter for connecting high-impedance voltage sources
- CLB I.2 (Code 9847)
  - Adapter for connecting BHS II with SQuadriga II (only recordings)

**Pulse In**

- SCU-P2 (Code 3393)
  - Adapter for conditioning pulse signals

**BHS Headset**

- CLB I.3 (Code 9848)
  - Adapter for connecting HSU III.2/BHFM III.3 with SQuadriga II

**Power In**

- SCA II.2 (Code 3345)
  - External car adapter
  - Additionally required:
    - CLO VII.9 (Code 3359)
    - SCA II.2 ↔ car supply, or:
      - CXO I.1 (Code 5176), XLR 4-pin ↔ Cable lug (2 m) and CLX III.xx (Code 3676-xx), XLR 4-pin ↔ SCA II.2

**Overview cables**

- CDO X.3 (Code 3786-3)
  - Cable OBD-2, max. 3 m
- CLO VII.9 (Code 3359)
  - Cigar lighter ↔ LEMO 2-pin (see car adapter SCA II.2)
- CSB VII.0 (Code 3350)
  - 2 x cables SMB ↔ BNC (including BNC adapters)
- CUSB.xx (Code 5478-xx)
  - Cable USB 2.0, max. 3 m
- CLL X.xx (Code 3780-xx)
  - HEADlink cable LEMO 8-pin ↔ LEMO 8-pin (SQuadriga II ↔ HEADlab via CLD VII.6)
- CLL X.xx (Code 3781-xx)
  - Cable LEMO 4-pin ↔ LEMO 4-pin (labPWR I.1 ↔ HEADlab input module)
- CLB I.V.1 (Code 9826-04)
  - Breakout cable LEMO 14-pin ↔ 2 x BNC (Line out), 40 cm
- CAB I.xx (Code 5475)
  - Cable D-Sub 9-pin male ↔ D-Sub 9-pin female (RS232 for CLD VII.8), max. 3 m

**Overview accessories**

- BHS II (Code 3322)
  - Recording and playback headset
- HSD III.64 (Code 3335-64)
  - SDXC memory card for SQuadriga II, 64 GB
- RC X.1 (Code 9850)
  - Remote Control for connection to the PC
- RC X.1-V1 (Code 9850-V1)
  - Remote control for connection to the multifunction adapter SVA II.0
- RC X.1-V2 (Code 9850-V2)
  - Remote control for connection to SQuadriga II (AUX 1)
- RC X.2 (Code 9851)
  - Radio remote control (ZigBee) for controlling the RC X.1/RC X.1-V1/RC X.1-V2
- labMA-a (Code 3760)
  - Mount adapter with active lock. For connecting SQuadriga II with HEADlab two labMA-a are required.
- labMM (Code 3769)
  - Magnetic mounts for fastening onto the mount adapter labMA-a

**Software (optional)**

- HEAD Recorder
  - ArtemiS SUITE Data Acquisition Module
- HEAD Recorder
  - (Code 5004)
- ArtemiS SUITE Basic Framework
  - (Code 5000)
- Additional ArtemiS SUITE modules
# Technical Data SQuadriga II

## General

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of channels (direct connections)</td>
<td>10</td>
</tr>
<tr>
<td>6 x Line /ICP In, BHS In (2-channel), 2 x Pulse In</td>
<td></td>
</tr>
<tr>
<td>Connections via adapters or adapter cables:</td>
<td>CAN/CAN FD/OBD-2, FlexRay, HMS III/HMS IV, HSU/BHM, Analog-Out, BEQ II/PEQ V (ADAT In/Out), HEADlab (labV6/ labM6), 2. SQuadriga II, Pulse Out, pulse conditioning for Pulse In, BHS via BNC, GPS, remote control RC X.1-V1, high-impedance voltage sources</td>
</tr>
<tr>
<td>Interfaces:</td>
<td>6 x BNC, 3 x LEMO 14-pin, 2 x SMB, 1 x USB, 1 x jack 3.5 mm</td>
</tr>
<tr>
<td>Resolution:</td>
<td>24 bit DS audio A/D and D/A converter</td>
</tr>
<tr>
<td>Input voltage:</td>
<td>5 V DC (+/-5 %), inverse-polarity protection</td>
</tr>
<tr>
<td>Power consumption</td>
<td></td>
</tr>
<tr>
<td>Quick charging and operation:</td>
<td>12 W (max.)</td>
</tr>
<tr>
<td>Quick charging (device: off state):</td>
<td>5 W (max.)</td>
</tr>
<tr>
<td>Power supply via USB:</td>
<td>500 mA (max.), no charging, operation as bus-powered-device</td>
</tr>
<tr>
<td>Sampling frequencies (digital)</td>
<td>32; 44.1; 48; 51.2; 64; 88.2; 96 kHz (different sampling rates adjustable: each with ½ and ¼ of f_s)</td>
</tr>
<tr>
<td>Interfaces:</td>
<td>6 x BNC, switchable separately as analog outputs</td>
</tr>
<tr>
<td>Electric strength:</td>
<td>30 V_{pp} (max.)</td>
</tr>
<tr>
<td>ICP supply (switchable individually):</td>
<td>18 V, 2 mA (+/-10 %)</td>
</tr>
<tr>
<td>Ranges:</td>
<td>14 dB(V) -6 dB(V)</td>
</tr>
<tr>
<td>Level FS (V_{ref})</td>
<td>10 V_{ref} 3.162 V_{ref} 1 V_{ref} 316 mV_{ref} 100 mV_{ref} 31.6 mV_{ref}</td>
</tr>
<tr>
<td>Level FS (V_{pp}):</td>
<td>28.3 V_{pp} 8.94 V_{pp} 2.83 V_{pp} 894 mV_{pp} 283 mV_{pp} 89 mV_{pp}</td>
</tr>
<tr>
<td>S/N_{FS}</td>
<td>97 dB 96 dB 96 dB 94 dB 87 dB 79 dB 89 dB 91 dB</td>
</tr>
<tr>
<td>THD+N, at 1 kHz, -6 dB_{FS}:</td>
<td>-80 dB -88 dB -89 dB -88 dB -81 dB -72 dB</td>
</tr>
<tr>
<td>Crosstalk, (sinus 1 kHz, same range, adj. channels):</td>
<td>dB 110 dB 110 dB 100 dB 100 dB 100 dB</td>
</tr>
<tr>
<td>Linearity</td>
<td>117 dB 117 dB 118 dB 114 dB 103 dB 98 dB</td>
</tr>
<tr>
<td>Frequency range to 20 kHz:</td>
<td>+0.1 dB +0.1 dB +0.1 dB +0.1 dB +0.1 dB +0.1 dB</td>
</tr>
<tr>
<td>Analog filters</td>
<td>DC / 2 Hz / 22 Hz (1st. order, +/-10 %)</td>
</tr>
<tr>
<td>HP filter (switchable):</td>
<td>30 kHz (anti-aliasing, 1st. order, oversampling: 256 times)</td>
</tr>
<tr>
<td>LP filter:</td>
<td>23.5 kHz at 48 kHz; 47.5 kHz at 96 kHz</td>
</tr>
<tr>
<td>Usable bandwidth:</td>
<td></td>
</tr>
</tbody>
</table>

## BNC Inputs

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interfaces:</td>
<td>6 x BNC, switchable separately as analog outputs</td>
</tr>
<tr>
<td>Electric impedance:</td>
<td>20 KΩ</td>
</tr>
<tr>
<td>ICP supply (switchable individually):</td>
<td>18 V, 2 mA (+/-10 %)</td>
</tr>
<tr>
<td>Ranges:</td>
<td>14 dB(V) -6 dB(V)</td>
</tr>
<tr>
<td>Level FS (V_{ref})</td>
<td>10 V_{ref} 3.162 V_{ref} 1 V_{ref} 316 mV_{ref} 100 mV_{ref} 31.6 mV_{ref}</td>
</tr>
<tr>
<td>Level FS (V_{pp}):</td>
<td>28.3 V_{pp} 8.94 V_{pp} 2.83 V_{pp} 894 mV_{pp} 283 mV_{pp} 89 mV_{pp}</td>
</tr>
<tr>
<td>S/N_{FS}</td>
<td>97 dB 96 dB 96 dB 94 dB 87 dB 79 dB 89 dB 91 dB</td>
</tr>
<tr>
<td>THD+N, at 1 kHz, -6 dB_{FS}:</td>
<td>-80 dB -88 dB -89 dB -88 dB -81 dB -72 dB</td>
</tr>
<tr>
<td>Crosstalk, (sinus 1 kHz, same range, adj. channels):</td>
<td>dB 110 dB 110 dB 100 dB 100 dB 100 dB</td>
</tr>
<tr>
<td>Linearity</td>
<td>117 dB 117 dB 118 dB 114 dB 103 dB 98 dB</td>
</tr>
<tr>
<td>Frequency range to 20 kHz:</td>
<td>+0.1 dB +0.1 dB +0.1 dB +0.1 dB +0.1 dB +0.1 dB</td>
</tr>
<tr>
<td>Analog filters</td>
<td>DC / 2 Hz / 22 Hz (1st. order, +/-10 %)</td>
</tr>
<tr>
<td>HP filter (switchable):</td>
<td>30 kHz (anti-aliasing, 1st. order, oversampling: 256 times)</td>
</tr>
<tr>
<td>LP filter:</td>
<td>23.5 kHz at 48 kHz; 47.5 kHz at 96 kHz</td>
</tr>
<tr>
<td>Usable bandwidth:</td>
<td></td>
</tr>
</tbody>
</table>
### Pulse Inputs

<table>
<thead>
<tr>
<th>Interfaces:</th>
<th>2 x SMB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanical isolation:</td>
<td>yes</td>
</tr>
<tr>
<td>Pulse frequency, max.:</td>
<td>600 kHz (at f_S = 48 kHz); 1 MHz (at f_S = 96 kHz)</td>
</tr>
</tbody>
</table>
| Input voltage range | Low-level: 0 V to +0.8 V  
High-level: +2.5 V to +5 V (max.) |
| Input impedance: | 830 Ω for U_H = 2.5 V  
400 Ω for U_H = 5 V |

### BHS Headset Inputs

<table>
<thead>
<tr>
<th>Interfaces:</th>
<th>2 x LEMO 14-pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equivalent noise level with BHS II:</td>
<td>30 dB(A)_{eH} (ID equalization)</td>
</tr>
<tr>
<td>Equalization:</td>
<td>ID</td>
</tr>
<tr>
<td>Ranges:</td>
<td>134 dB_{SP}, 124 dB_{SP}, 114 dB_{SP}, 104 dB_{SP}, 94 dB_{SP}</td>
</tr>
<tr>
<td>S/N, SPL, electrical:</td>
<td>99 dB(A), 99 dB(A), 96 dB(A), 90 dB(A), 81 dB(A)</td>
</tr>
<tr>
<td>Noise, SPL, electrical:</td>
<td>40 dB_{SP}(A), 30 dB_{SP}(A), 24 dB_{SP}(A), 20 dB_{SP}(A), 19 dB_{SP}(A)</td>
</tr>
<tr>
<td>THD+N, at 1 kHz, -6 dB_{R_S}:</td>
<td>-82 dB, -82 dB, -83 dB, -81 dB, -72 dB</td>
</tr>
<tr>
<td>Crosstalk (sinus 1 kHz, same range, adj. channels):</td>
<td>&gt;100 dB, &gt;100 dB, &gt;100 dB, &gt;100 dB</td>
</tr>
<tr>
<td>Analog highpass filter (switchable):</td>
<td>2 Hz / 36 Hz</td>
</tr>
<tr>
<td>Frequency range up to 20 kHz:</td>
<td>+0.1 dB, +0.1 dB, +0.1 dB, +0.1 dB, +0.1 dB, +0.1 dB</td>
</tr>
</tbody>
</table>

### BNC Outputs

<table>
<thead>
<tr>
<th>Interfaces:</th>
<th>6 x BNC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level (max.):</td>
<td>-10 dB(V) + 6 dB headroom</td>
</tr>
<tr>
<td>Output impedance:</td>
<td>250 Ω</td>
</tr>
<tr>
<td>S/N:</td>
<td>96 dB/99 dB(A)</td>
</tr>
<tr>
<td>THD+N:</td>
<td>-82 dB, at sinus 1 kHz, -1 dB_{R_S}</td>
</tr>
<tr>
<td>Crosstalk (DA&gt;DA):</td>
<td>&gt;110 dB, at sinus 1 kHz</td>
</tr>
<tr>
<td>Frequency range:</td>
<td>10 Hz to 35 kHz (+0.1 dB / -0.2 dB) at f_S = 96 kHz (no DC)</td>
</tr>
<tr>
<td>Highpass filter analog:</td>
<td>1 Hz (1st. order)</td>
</tr>
<tr>
<td>digital:</td>
<td>higher order, scaled with f_S</td>
</tr>
</tbody>
</table>

### BHS Headset Outputs

<table>
<thead>
<tr>
<th>Interfaces:</th>
<th>2 x LEMO 14-pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal level (frequency dependent):</td>
<td>110 dB_{SP} with BHS II</td>
</tr>
<tr>
<td>THD+N, electrical:</td>
<td>-57 dB at playback sinus 104 dB_{SP}, 1 kHz at R_L = 110 Ω</td>
</tr>
<tr>
<td>Frequency range:</td>
<td>-1 dB at 6 Hz; -1 dB at 20 kHz für R_L = 110 Ω</td>
</tr>
<tr>
<td>Equalizations:</td>
<td>FF, ID, DF, LIN (no equalization)</td>
</tr>
</tbody>
</table>

### Headphones Output

<table>
<thead>
<tr>
<th>Interfaces:</th>
<th>1 x Jack 3.5 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal level, (frequency dependent):</td>
<td>108 dB_{SP} with HD IV.1</td>
</tr>
<tr>
<td>THD+N, electrical:</td>
<td>-57 dB at playback sinus 104 dB_{SP}, 1 kHz at R_L = 110 Ω</td>
</tr>
<tr>
<td>Frequency range:</td>
<td>-1 dB at 6 Hz; -1 dB at 20 kHz to R_L = 110 Ω</td>
</tr>
<tr>
<td>Equalizations:</td>
<td>FF, ID, DF, LIN (no equalization)</td>
</tr>
</tbody>
</table>

### USB Interface (USB 2.0 Highspeed)

| Data transfer: | 480 Mbits/s |

### AUX 1 / AUX 2 (extensions for SQuadriga II)

<table>
<thead>
<tr>
<th>Interfaces:</th>
<th>2 x LEMO 10-pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecting adapters and adapter cables:</td>
<td>SVA II.0, CLD VII.1, CLD VII.2, CLF VII, CLX VII.1, CLD VII.8, CLG VII, CLD VII.6, CLL VII.1, CLA VII.5</td>
</tr>
</tbody>
</table>

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