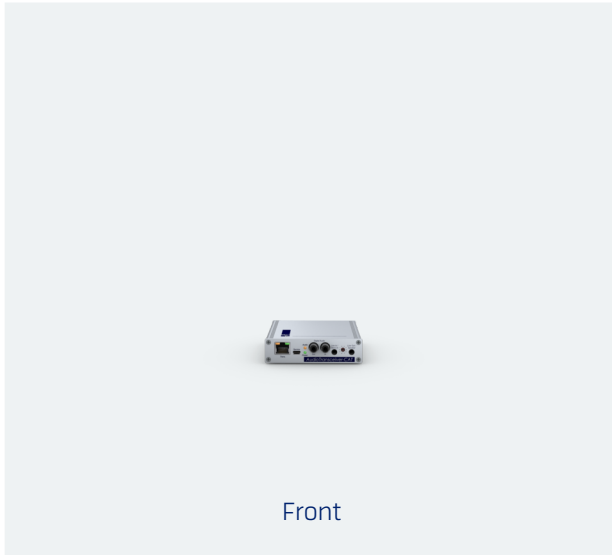
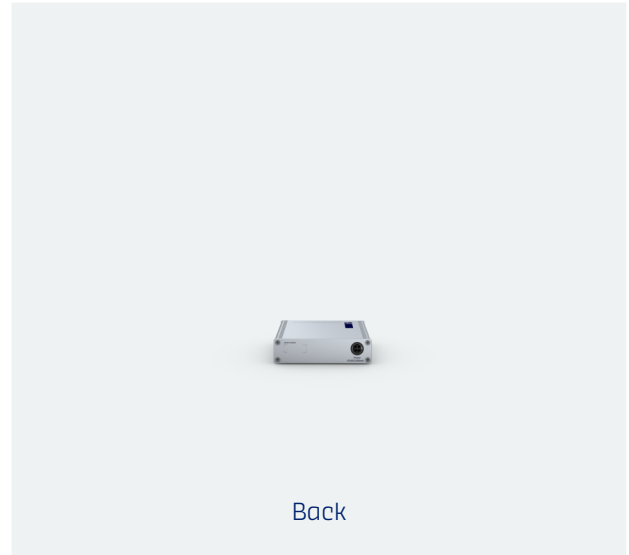


# AUDIO-TRANSCIVER-CAT

KVM extenders, Article number A1990030



Front



Back

The Audio-Transceiver is a stand-alone device for transmitting analog and digital (SPDIF) stereo audio signals over distances of up to 10,000 m. Such a single signal extender system consists of a computer module (transmitter) and console module (receiver). The product can be used flexibly as a transmitter or receiver. Two devices are required for a complete system. Transmission takes place via a CAT or fiber connection.

## SCOPE OF DELIVERY

| Quantity | Description                             | Article number |
|----------|-----------------------------------------|----------------|
| 1        | Netzteil 12V / 2,08AFSP025-D12C14 FSP   | Z0005926       |
| 1        | PowerCable-2 Standard cable 2m          | A6300057       |
| 1        | Audio-M/M-2-ferrite cable 2m            | A6300083       |
| 1        | Audio-SPDIF-COAX-M/M-2 cable SPDIF 2m   | A6300119       |
| 1        | Safety instructions flyer - FCC class B | A9100371       |

## DETAILS

### SIGNALS

- Amplifiable input signal for microphones etc.
- Bidirectional audio signals in stereo/CD quality
- Digital audio signal (2 channel LPCM, consumer, PCM stereo)

### TRANSMISSION

- The transmission distance is up to 140 meters over CAT

### DEVICE

- External power supply

### WARRANTY

- A 3-year, free of charge product guarantee
- For an additional fee guarantee extension possible

## TECHNICAL DATA

|              |                                 |                                                |
|--------------|---------------------------------|------------------------------------------------|
| General      | Brand                           | G&D                                            |
|              | Product group                   | KVM extenders                                  |
|              | Product Family                  | Audio-Transceiver                              |
|              | Country of origin               | Germany                                        |
|              | Number of sources               | 1                                              |
|              | Power Supply                    | no redundancy                                  |
| Transmission | Number of transmission channels | 1                                              |
|              | Redundant transmission channels | no redundant KVM transmission                  |
|              | Range                           | 140 m (AWG22)<br>100 m (AWG24)<br>80 m (AWG26) |
|              | Medium                          | CAT5e<br>CAT6<br>CAT7                          |
|              | Data rate                       | 1 Gbit/s                                       |
| Audio 1      | Transmission type               | Bidirectional<br>Stereo                        |
|              | Resolutions                     | 24 bit digital                                 |
|              | Sampling rate                   | up to 192 kHz                                  |
|              | Bandwidth                       | 22 kHz                                         |
|              | Audio support                   | Analog                                         |

|                      |                                        |                                               |
|----------------------|----------------------------------------|-----------------------------------------------|
| Audio 2              | Transmission type                      | Consumer<br>SPDIF<br>Stereo<br>2-channel LPCM |
|                      | Resolutions                            | 24 bit                                        |
|                      | Sampling rate                          | up to 48 kHz<br>up to 96 kHz<br>up to 192 kHz |
|                      | Bandwidth                              | 22 kHz                                        |
|                      | Audio support                          | Digital                                       |
| Maintenance          | Update via                             | Update Wizard (service interface)             |
|                      | Serviceport settings                   | 115200bps (8/N/1)                             |
| Housing              | Material                               | Anodised aluminium                            |
|                      | Active cooling (fan)                   | no                                            |
|                      | Width ca.                              | 105 mm                                        |
|                      | Height ca.                             | 26 mm                                         |
|                      | Depth ca.                              | 84 mm                                         |
|                      | IP protection class                    | IP20                                          |
|                      | Weight ca.                             | 0.2 kg                                        |
| Operating conditions | Operating environment temperature      | 5 °C to 45 °C                                 |
|                      | Operating air humidity, non-condensing | 20 % to 80 %                                  |
|                      | Area of application                    | Indoor use                                    |

|              |                                            |                                                                                                                                                                                                                                                                   |
|--------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Maximum operating altitude above sea level | 3,048 m                                                                                                                                                                                                                                                           |
|              | Storage environment temperature            | -10 °C to 55 °C                                                                                                                                                                                                                                                   |
|              | Storage air humidity, non-condensing       | 15 % to 80 %                                                                                                                                                                                                                                                      |
|              | MTBF                                       | 300,000 h at 25°C                                                                                                                                                                                                                                                 |
|              | Conformities                               | CE compliant (see downloads)<br>UKCA compliant (see downloads)<br>FCC compliant (see manual)<br>TAA compliant (see downloads)<br>EAC compliant (see downloads)<br>RoHS compliant (see downloads)<br>WEEE (reg. no. DE30763240)<br>REACH compliant (see downloads) |
| Power supply | Quantity                                   | 1                                                                                                                                                                                                                                                                 |
|              | Type                                       | External                                                                                                                                                                                                                                                          |
|              | Input voltage                              | 12 VDC                                                                                                                                                                                                                                                            |
|              | Current consumption                        | 0.3 A                                                                                                                                                                                                                                                             |
|              | Power consumption idle                     | 1.68 W                                                                                                                                                                                                                                                            |
|              | Power consumption max.                     | 2.22 W                                                                                                                                                                                                                                                            |
|              | Heat output idle                           | 1.68 W / 5.73 BTU/h                                                                                                                                                                                                                                               |
|              | Heat output max.                           | 2.22 W / 7.57 BTU/h                                                                                                                                                                                                                                               |

## ACCESSORY PRODUCTS

| Image                                                                              | Description                                                                                                                       | Article number |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
|   | <b>USB-Service-2 cable 2m</b><br>Cable for system updates and configuration                                                       | A6200103       |
|   | <b>Audio-M/M-3-ferrite cable 3m</b><br>Audio connection cable with ferrite core                                                   | A6300118       |
|   | <b>Audio-M/M-5-ferrite cable 5m</b><br>Audio connection cable with ferrite core                                                   | A6300085       |
|   | <b>PowerCable-3 Standard cable 3m</b><br>Cable to connect the power supply type Germany                                           | A6300066       |
|   | <b>PowerCable-5 Standard cable 5m</b><br>Cable to connect the power supply type Germany                                           | A6300065       |
|  | <b>CaseMount-Set-105-26 mounting bracket</b><br>Screws & brackets for mounting devices with dimensions 105x26mm in DeviceCarriers | A7000020       |

# CONTACT

## WE ARE HERE FOR YOU!

If you have any further questions, we are looking forward to advising you on your individual project requirements.

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