

# AUDIO-TRANSCIVER-FIBER(S) - ANALOG

KVM extenders, Article number A1990033



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        | Safety instructions flyer - FCC class B | A9100371       |

## DETAILS

### SIGNALS

- Amplifiable input signal for microphones etc.
- Bidirectional audio signals in stereo/CD quality

### TRANSMISSION

- The transmission distance is up to 10,000 meters over fiber singlemode optics, incl. transmission module(s)/ SFP transceiver(s)

### DEVICE

- External power supply

### WARRANTY

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

## TECHNICAL DATA

|              |                                 |                                   |
|--------------|---------------------------------|-----------------------------------|
| General      | Product group                   | KVM extenders                     |
|              | Product Family                  | Audio-Transceiver                 |
|              | Number of sources               | 1                                 |
|              | Power Supply                    | no redundancy                     |
| Transmission | Number of transmission channels | 1                                 |
|              | Redundant transmission channels | no redundant KVM transmission     |
|              | Range                           | 10,000 m (9/125µm, OS1)           |
|              | Laser class                     | Class 1                           |
|              | Type of interface               | LC-Duplex                         |
|              | Wavelength                      | 1,310 nm                          |
|              | Medium                          | Fiber SM                          |
|              | Data rate                       | 1 Gbit/s                          |
| Audio        | Transmission type               | Bidirectional<br>Stereo           |
|              | Resolutions                     | 24 bit digital                    |
|              | Sampling rate                   | up to 192 kHz                     |
|              | Bandwidth                       | 22 kHz                            |
|              | Audio support                   | Analog                            |
| Maintenance  | Update via                      | Update Wizard (service interface) |
|              | Serviceport settings            | 115200bps (8/N/1)                 |

|                      |                                            |                                                                                                                                                                                                                                                                   |
|----------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing              | Material                                   | anodised aluminium                                                                                                                                                                                                                                                |
|                      | Width ca.                                  | 105 mm                                                                                                                                                                                                                                                            |
|                      | Height ca.                                 | 26 mm                                                                                                                                                                                                                                                             |
|                      | Depth ca.                                  | 84 mm                                                                                                                                                                                                                                                             |
|                      | IP protection class                        | IP20                                                                                                                                                                                                                                                              |
|                      | Weight ca.                                 | 0.22 kg                                                                                                                                                                                                                                                           |
| Operating conditions | Operating 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 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 | 1.87 W |
|  | Power consumption max. | 1.99 W |
|  | Heat output idle       | 1.87 W |
|  | Heat output max.       | 1.99 W |

## 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       |

## MORE VARIANTS

| Description                                                                                                 | Article number |
|-------------------------------------------------------------------------------------------------------------|----------------|
| <b>Audio-Transceiver-Fiber(S)</b><br>Transmission system (transceiver) for analog and digital audio signals | A1990029       |

# CONTACT

## WE ARE HERE FOR YOU!

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

### TECHNICAL SALES

Tel.: +1-833-928-1976  
Fax: +1-833-928-1976  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### HEADQUARTERS

Guntermann & Drunck GmbH Systementwicklung  
Obere Leimbach 9 | 57074 Siegen | NRW |  
Deutschland

Tel.: +49 271 23872-0  
Fax: +49 271 23872-120  
E-Mail: [sales@gdsys.com](mailto:sales@gdsys.com)

### US OFFICE

G&D North America Inc.  
4540 Kendrick Plaza Drive | Suite 100  
Houston, TX 77032 | United States

Tel.: +1-346-620-4362  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### MIDDLE EAST OFFICE

Guntermann & Drunck GmbH  
Dubai Studio City | DSC Tower  
12th Floor, Office 1208 | Dubai, UAE

Tel.: +971 4 5586178  
E-Mail: [sales.me@gdsys.com](mailto:sales.me@gdsys.com)

### APAC OFFICE

Guntermann & Drunck GmbH  
60 Anson Road #17-01  
Singapore 079914

Tel.: +65 9685 8807  
E-Mail: [sales.apac@gdsys.com](mailto:sales.apac@gdsys.com)