# AUDIO-TRANSCEIVER-FIBER(M) INCL. POWERPACK

KVM extenders, Article number A1990031



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 signale (2 channel LPCM, consumer, PCM stereo)

## TRANSMISSION

- The transmission distance is up to 550 meters over fiber multimode 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** | 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 | 250 m (50.0/125µm, OM2)<br>550 m (62.5/125µm, OM1)<br>550 m (50.0/125µm, OM3)<br>550 m (50.0/125µm, OM4) |
| | Laser class | Class 1 |
| | Type of interface | LC-Duplex |
| | Wavelength | 850 nm |
| | Medium | Fiber MM |
| | 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 / 4.13 in |
| | Height ca. | 26 mm / 1.02 in |
| | Depth ca. | 84 mm / 3.31 in |
| | IP protection class | IP20 |
| | Weight ca. | 0.22 kg / 0.49 lb |
| Operating conditions | Operating environment temperature | 5 °C to 45 °C / 41 °F to 113 °F |
| | 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 / 14 °F to 131 °F |
| | Storage air humidity, non-condensing | 15 % to 80 % |
| | MTBF | 300,000 h at 25°C (77 °F) |
| | Conformities | CE compliant (see downloads)<br>UKCA compliant (see downloads)<br>FCC compliant (see manual)<br>TAA 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 / 6.38 BTU/h |
| | Heat output max. | 1.99 W / 6.79 BTU/h |

# ACCESSORY PRODUCTS

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