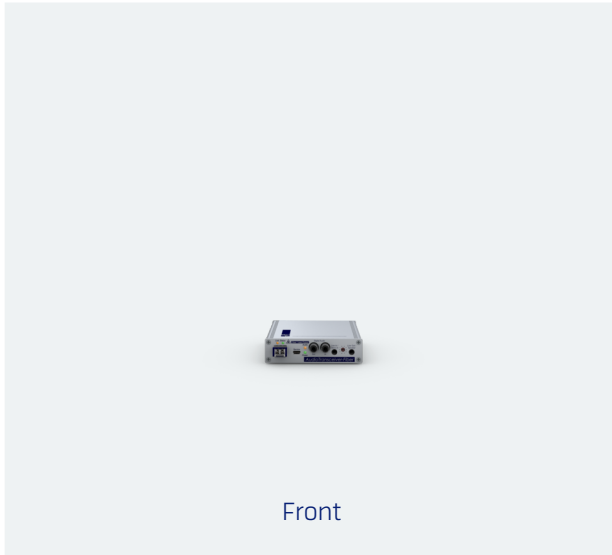
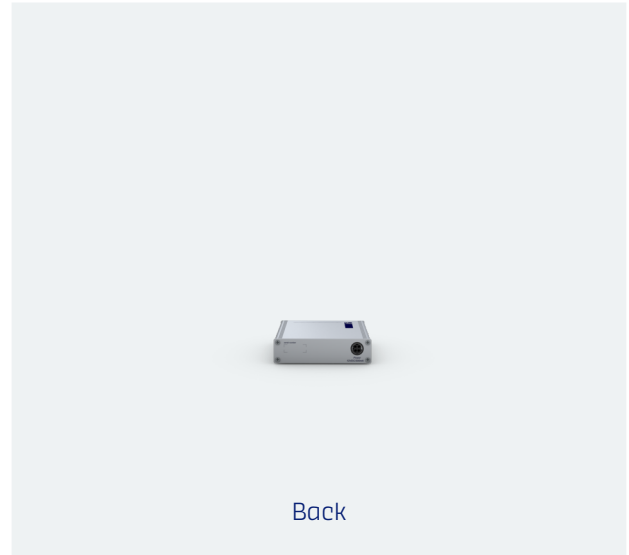


# AUDIO-TRANSCIVER-FIBER(M)

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        | 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       |

## 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 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      | 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                           | 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                            |
|                      | 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                                                                                                                                                                                                                                                            |



## MORE VARIANTS

| Description                                                                                                                 | Article number |
|-----------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>Audio-Transceiver-Fiber(M) - ANALOG</b><br>Transmission system (transceiver) for analog audio signals (no digital audio) | A1990032       |

# 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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