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) 550 m (62.5/125µm, OM1) 550 m (50.0/125µm, OM3) 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 Stereo
	Resolutions	24 bit digital
	Sampling rate	up to 192 kHz

	Bandwidth	22 kHz
	Audio support	Analog
Audio 2	Transmission type	Consumer SPDIF Stereo 2-channel LPCM
	Resolutions	24 bit
	Sampling rate	up to 48 kHz up to 96 kHz 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) UKCA compliant (see downloads) FCC compliant (see manual) TAA compliant (see downloads) RoHS compliant (see downloads) WEEE (reg. no. DE30763240) 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 Cable for system updates and configuration	A6200103
	Audio-M/M-3-ferrite cable 3m Audio connection cable with ferrite core	A6300118
	Audio-M/M-5-ferrite cable 5m Audio connection cable with ferrite core	A6300085
	PowerCable-3 Standard cable 3m Cable to connect the power supply type Germany	A6300066
	PowerCable-5 Standard cable 5m Cable to connect the power supply type Germany	A6300065
	**CaseMount-Set-105-26 mounting bracket** 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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