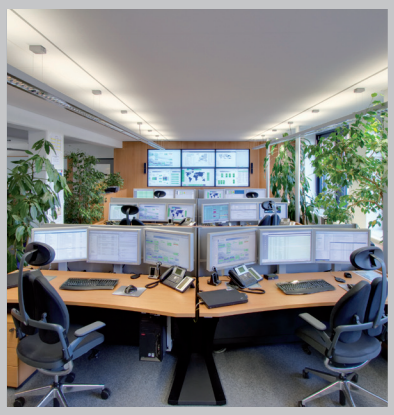
Signal extender

Audio-Transceiver 7.3

KVM extender

Extender systems to bridge IT-distances






G&D IF IT'S KVM

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Guntermann & Drunck is regarded as a leading manufacturer of digital and analogue KVM equipment used in control rooms in air traffic control, broadcast studios, on ships and to monitor industrial processes.

With a powerful portfolio consisting of KVM extenders, switches and matrix switches, G&D's users get real added value. G&D provides the broadest KVM product portfolio at the market. Even with different features, all G&D products are compatible and can be combined. Our KVM solutions optimise the application of IT equipment and improve the working conditions for humans and computers.

No matter where KVM devices are installed, there's always one main requirement - robust, reliable, user-friendly and easy to operate KVM systems that can be adapted to future requirements and grow with your demands.

By short lines of communication G&D is able to solve challenging requirements and tailor systems to our customers' needs. We keep direct contact to our customers and are personally available. We are proactive and always keep an eye on the trends in the industry. Functionalities required by our customers are quickly implemented into our products. Our success can only be measured with our customers' satisfaction.

Trust in G&D for your optimal KVM solution.

Audio-Transceiver - extends analogue and digital audio signals

AudioTransceiver signal extender systems extend and amplify analog or digital (SPDIF) audio signals. The system consists of a computer module (computer side) and a user module (receiver). The identical units can be interchanged.

It uses CAT-x crossover cables up to 200 m or fibre optics up to 10,000 m to transmit audio signals.

Note:
This product can be used either as receiver or transmitter.
A working system requires two devices.

Audio-Transceiver-CAT

Audio-Transceiver-Fiber

Features

Transmission

- Analouge or digital (SPDIF) audio signals
- Distances up to 10,000 m
- Over CAT-x cable or fibre optics
- Bidirectional audio signals in stereo/CD quality
- Amplifiable input signal for microphones etc.

Device

- LEDs indicate power on
- External power supply at each module
- Available as desktop variant

Variants

Audio-Transceiver-CAT

- Transmission over CAT-x cable

Audio-Transceiver-Fiber(M)

- Transmission over multimode fibre optics

Audio-Transceiver-Fiber(S)

- Transmission over singlemode fibre optics

Installation

A confusion-proof cable links the computer's line-in, line out and micro-in interfaces to the AudioTransceiver computer module. Connect your operating hardware to the corresponding interface of the AudioTransceiver receiver.

Use a CAT-x cable or fibre optics to link transmitter and receiver.

Audio-Transceiver

Audio-Transceiver-CAT - front view

Audio-Transceiver-Fiber - front view

GENERAL INFORMATION

	Audio-Transceiver-CAT	Audio-Transceiver-Fiber(M)	Audio-Transceiver-Fiber(S)
Computers per system	1		
Type of cable connection	Dedicated CAT-x cable connection	dedicated fibre optics connection	
Transmission length (max.)	200 m	400 m	10.000 m
Transmission cable type	CAT-x cable connection	MMultimode cable	Singlemode cable
Dimensions (W × H × D)	105 x 26 x 84 mm		
Power supply			
for workplace (Audio)	External power pack		
to computer (Audio)	Mini-DIN 4 socket		
Transmission	+12VDC/300mA		
Interfaces			
for workplace (Audio)	1 x 3.5 mm socket (Line out) 1 x Stereo Line Out socket (Digital Audio Out)		
to computer (Audio)	1 x 3.5 mm socket (Line In / Micro in) 1 x Stereo Line In socket (Digital Audio In)		
Transmission	1 x RJ45 socket	1 x LC Duplex socket	
Audio specifications			
Resolution	24 bit digital		
Sampling rate	Stereo Line In 96kS/s Stereo Line Out 192kS/s		
Bandwidth	22 kHz		
Microphone pre-amplification	24 dB		

Item number

Item no.	Set
A1990030	Audio-Transceiver-CAT (please order two transceiver for one line)
A1990031	Audio-Transceiver-Fiber(M) (please order two transceiver for one line)
A1990029	Audio-Transceiver-Fiber(S) (please order two transceiver for one line)

ABBREVIATIONS

CPU	=	Computer module
PC	=	Computer module
CON	=	User module
REM	=	User module
MC2	=	Multi channel 2
MC3	=	Multi channel 3
MC4	=	Multi channel 4
M	=	Multi mode
S	=	Single mode
S+	=	Single mode+
RM	=	For assembly in a 19“ rack
DT	=	Desktop device
DP	=	DisplayPort™
A	=	Audio
R	=	RS232
U	=	integr. USB 2.0 up to 16 MBit/s
U2	=	transp. USB 2.0 Hi-Speed 480 Mbit/s
D	=	Delay

EQUIPMENT FEATURES

- Audio
- CAT cable
- CrossDisplay-Switching
- Delay
- DisplayPort™ 1.1
- DVI Dual link video
- DVI Single link video
- Expansion
- Fiber optics
- Keyboard/Mouse
- KVM over IP
- KVM-NetworkCenter-Support
- Media control
- Mix & Match
- Modular setup
- Monitoring
- Multi user
- Multi channel Video
- Network connection
- Power switching
- Remote IP
- RS 232
- Screen Freeze
- Separate local/remote user
- Single user
- USB 2.0
- VGA Video
- Web interface