

Signal Extender

Audio-Transceiver 7.2

KVM Extender

Extender systems to bridge IT-distances



Leading the way in digital KVM

The company

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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.

The AudioTransceiver signal extender system extends and amplifies audio signals in high quality.

The system consists of a computer module (computer side) and a user module (receiver) and uses CAT-x crossover cables or fibre optics to transmit audio signals from 200 m up to 10,000 m. The identical units can be interchanged.



Audio-Transceiver-Fiber - front view

Features

Transmission

- distances from 200 m up to 10,000 m
- via CAT-x crossover cable or fibre optics
- bidirectional audio signals in stereo/CD quality with amplification

Device

- LEDs indicate power on
- external power supply at each module
- available as desktop variant

Variants

No product variants available.

Expansion

No product expansions available.

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 crossover cable or fibre optics to link transmitter and receiver.

Feel free to download the AudioTransceiver manual to find out more details about the start-up.

Audio-Transceiver



left: Audio-Transceiver-CAT - front view

right: Audio-Transceiver-Fiber - front view

	Audio-Transceiver-CAT	Audio-Transceiver-Fiber(M)	Audio-Transceiver-Fiber(S)
General information			
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	Multimode cable	Singlemode cable
Dimensions (W × H × D)	105 x 26 x 84 mm		
Power supply			
Type	External power pack		
Connection	Mini-DIN 4 socket		
Voltage	+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		

List of Item Numbers

Art.Nr.	Set
A1990029	Audio-Transceiver-Fiber(S) (please order two transceiver for one line)
A1990030	Audio-Transceiver-CAT (please order two transceiver for one line)
A1990031	Audio-Transceiver-Fiber(M) (please order two transceiver for one line)

Legend

ABBREVIATIONS

CPU = Computer module
PC = Computer module

CON = User module
REM = User module

MC2 = Multichannel 2
MC4 = Multichannel 4

M = Multimode
S = Singlemode
RM = For assembly in a 19" rack
DT = Available as desktop variant
A = Audio
AR = Audio + RS232
R = RS232
U = transparent USB 1.1
U2 = transparent USB 2.0
D = Delay

EQUIPMENT FEATURES



= modular setup



= keyboard/mouse



= dual-link DVI video



= single-link DVI video



= DisplayPort 1.1



= single-link DVI + VGA



= VGA video



= Audio



= RS232



= USB 1.1



= USB 2.0



= Delay



= Screen Freeze



= Power Switching



= Fire Wire



= VT100



= KVM IP access



= Network connection



= Web interface



= DevCon support



= Monitoring



= CAT cable



= Fiber optics



= Single user



= Multi user



= Separat local/remote user