

# Signal Extender

# FireWire-800 Transceiver 7.0

## KVM Extender

Extender systems to bridge IT-distances





## Leading the Way in digital KVM

Guntermann & Drunck GmbH has been established in 1985 and is named after its founders. Over 25 years have since past, and we are now a leading manufacturer of digital and analog KVM switching systems.

As an owner-managed company we work with a broad range in both digital and analog KVM closely with the marketplace and make our decisions with and in the interests of our customers. It is our philosophy to meet our customers while making decisions, to accompany them in the process and ensure that they achieve their goals.

We can do this because as a medium sized company we have short communication paths and all core competencies are in house – from development through to production. This way we can even make the impossible possible at times. If it is thanks to the modularity of the products or by implementing a customised solution. We orient ourselves towards the needs of the customer – and not the other way round.

Organisations, service providers and companies of all sizes managing numerous computers, servers and other network devices trust the comprehensive advice and service provided by Guntermann & Drunck GmbH.

Thanks to these different fields of specialisation, the demands placed on the products are many and are manifold. Our products have to provide a long-life service, be secure, uncomplicated, user-friendly, understandable and adaptable.

The FireWire-800 Transceiver signal extender system extends signals according to IEEE1394b-2002 protocol (also backward-compatible to IEEE 1394a-2000 and -1995).

The system consists of a computer module (transmitter) and a user module (receiver) and uses fibre optics to transmit signals up to 500 m. The identical units can be interchanged.



FireWire-800 Transceiver-Set

## Features

### Transmission

- distances up to 500 m (2 × multimode 50/125 μ fiber optics)
- bidirectional transmission of signals according to protocol IEEE1394b-2002
- backward compatible to IEEE 1394a-2000 and -1995
- connection via 2 × LC duplex plugs

### Device

- galvanic separation of transmitter and receiver
- insensitive to interference radiation
- available as desktop version
- identical units can be interchanged

## Variants

No product variants available.

## Expansion

No product expansions available.

## Installation

Connect the computer's interface of the FireWire card via the according cable to the bilingual socket of the FireWire-800 transceiver computer module.

Installing the according hardware at the workplace is just as simple: connect the hardware to the bilingual socket of the FireWire-800 Transceiver receiver.

Use the existing cabling infrastructure (multimode fiber optics 50/125) to join transmitter and receiver.

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

## FireWire-800 Transceiver



FireWire-800 Transceiver-Set

	FireWire-800 Transceiver
<b>General information</b>	
Computers per system	1
Type of cable connection	dedicated fibre optics connection
Transmission length (max.)	500 m
Transmission cable type	2 multimode fibres (50/125 µm)
<b>Power supply</b>	
Type	external power pack
Connection	1 x hollow socket
Power supply	+12VDC/1.0A
<b>Dimensions</b>	
(W x H x D)	101 x 24 x 91 mm
<b>Interfaces</b>	
for workplace (Monitor)	1 x bilingual socket (9)
Computer (Video)	1 x bilingual socket (9)
Transmission	1 x LC duplex socket
<b>FireWire specifications</b>	
Protocols	IEEE 1394b 2002
IEEE 1394a 2000 + 1995	IEEE 1394a-2000 + 1995
Transmission rate max.	800 mbps

## List of Item Numbers

























Item No.	Set
A1990004	FireWire-800 Transceiver-Set

## Legend

### ABBREVIATIONS

CPU	=	Computer module	M	=	Multimode
PC	=	Computer module	S	=	Singlemode
CON	=	User module	RM	=	For assembly in a 19" rack
REM	=	User module	A	=	Audio
MC2	=	Multichannel 2	AR	=	Audio + RS232
MC3	=	Multichannel 3	R	=	RS232
MC4	=	Multichannel 4	U	=	transparent USB 1.1
			U2	=	transparent USB 2.0
			D	=	Delay

### EQUIPMENT FEATURES

 = keyboard/mouse	 = VT100
 = dual-link DVI video	 = KVM IP access
 = single-link DVI video	 = Network connection
 = single-link DVI + VGA	 = Web interface
 = VGA video	 = DevCon support
 = Audio	 = Monitoring
 = RS232	 = CAT cable
 = USB 1.1	 = Fiber optics
 = USB 2.0	 = Single user
 = Delay	 = Multi user
 = Screen Freeze	 = Separat local/remote user
 = Power Switching	
 = Fire Wire	