

The idea

The devices in the **wagnertools** series are part of an overall system. Identical housing dimensions characterise the top-grade products in this series. The devices are designed as stand alone units but the use of 19" device carrier means they can also be operated in a rack or switchboard at any time. All products of this range are following the same approach of bringing together different digital signals.

The company

wagnertools products are created by people who have been dealing with the construction, service and maintenance of superior equipment for decades.

The applications

Broadcasting companies
 Television companies
 PA systems
 Concerts
 Theatre
 Shows and trade-fairs
 Stadiums
 Discos and clubs
 Media centres
 Multi-purpose halls
 Sports areas

ESU-205 Professional 5 port Fast Ethernet switch 10/100Mbps

- Extremely low latency
- Operating temperature from -10°C / +65°C
- Load Meter monitoring
- Roadproof with Neutrik® EtherCon®, RJ45
- Metal housing with grounding screw
- Pilot relay (power supply, 50% load)
- Triple Hot Swap fusing power supply
- Noiseless operation without fan

23010019 ESU-205 / Switch



EFC-101 Ethernet fiber converter

- Operating temperature from -20°C / +60°C
- No heating or cooling necessary
- Ethernet 10/100Base-TX (IEEE802.3u)
- Roadproof with Neutrik® EtherCon®, RJ45
- NWay auto-negotiation
- Link control
- 7 LED's for operating mode
- Multimode and singlemode SC-Duplex versions
- Metal housing with grounding screw

23010026 EFC-101-MM / Ethernet fiber converter multimode
 23010027 EFC-101-SM / Ethernet fiber converter singlemode



DAV-113 AES/EBU distributor

- One input, three outputs
- All I/O transformer balanced
- Impedance 110 ohm according to AES3-1992
- Signal refreshing
- Solid metal housing

23010015 DAV-113 / AES/EBU distributor



DCV-114 Wordclock distributor

- 1x input BNC, 3 x outputs BNC
- Switchable input termination
- For WCLK (TTL) signals
- Impedance 75 ohm
- Illuminated push buttons
- Solid metal housing

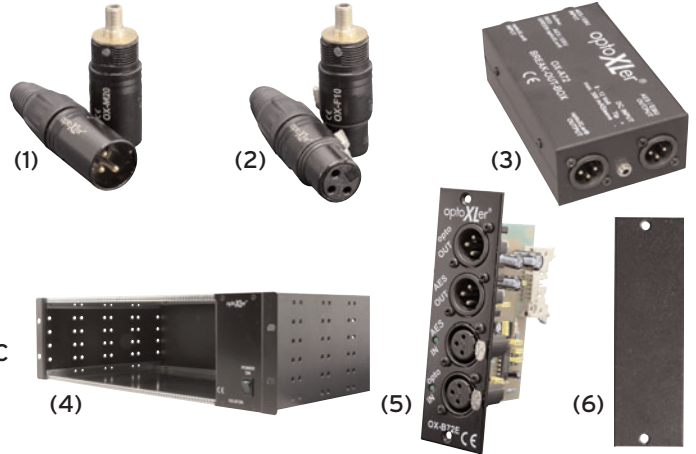
23010016 DCV-114 / Wordclock distributor



optoXler®

- Electro-optical signal conversion in the connector
- Data speeds between 0,1 and 5 Mbit or 0,1 and 10 MBit
- Stand-alone and 19" break-out-boxes available
- Robust XLR housing, small size
- Electrical isolation between transmitter and receiver
- Noise immunity towards electromagnetic influences
- Indoor and outdoor cable lines available

- (1) 23500000 OX-F10 Connector male receiver
 (2) 23500001 OX-M20 Connector female transmitter
 (3) 23500002 OX-A72 Break-Out-Box stand-alone
 (4) 23500004 OX-B72F Frame 19" with power supply 100-240V AC
 (5) 23500003 OX-B72E Plug-in module for 19" frame
 (6) 23500005 OX-B72L Cover plate for 19" frame



TOX-102 Digital audio signal converter

- S/PDIF (COAX/OPTO) <> AES/EBU
- Supplies optoXLER® optical fiber converter
- Bi-directional
- Protocol-transparent
- Level correction
- Robust metal housing · Illuminated push buttons

23010000 TOX-102 / Digital signal converter



TOX-108 ADAT® audio signal converter

- ADAT® optical to distances < 1500m
- Supplies optoXLER® optical fiber converter
- Bi-directional
- Data output 44.1 + 48 kHz to 24 bit
- ADAT, I and ADAT, II format
- Integrated error correction (PLL)
- Robust metal housing

23010003 TOX-108 / Digital signal converter



SOF-102 RS422/RS485 optical fiber interface

- COM conversion to fiber < 1500m
- RS422/RS485 reversible
- Integrated termination
- Electrical isolation
- Transfer rate up to 1.5 Mbaud
- Robust metal housing

23010001 SOF-102 / Optical fiber interface



ACCESSORIES

- For wagner tools series 100 and 200
- All power supplies are 12V DC 1,0A 100-240V AC

- (1) 23010023 NT-1-T-EU Power supply EU-version
 (2) 23010024 NT-1-T-US Power supply US-version
 (3) 23010025 NT-1-T-WH Mounting plate for power supply
 (4) 23010002 R19-1-4 Frame 19" for 4x/2x devices 100/200 series
 (5) 23010022 R19-B1 Cover plate 1 module for frame 19"
 (6) 23010021 R19-FCM Adapter FIBERFOX FCM module to frame 19"
 (7) 23010006 SOF-C-YC Cable SOF-102 RS422 to YAMAHA COM port

