

5 port professional  
Fast Ethernet switch 10/100Mbps

# ESU-205



## The idea

The devices in the **wagnertools** 200 series are part of an overall system. Identical housing dimensions and a uniform power unit concept 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.

## 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**

Supports network applications for audio, video and lighting systems

Roadproof with Neutrik® EtherCon®, RJ45

Load Meter monitoring

Pilot relay (power supply, 50% load)

Triple Hot Swap fusing power supply

## The company

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

[www.wagnertools.com](http://www.wagnertools.com)

**wagner  
tools**

# ESU-205

## 5 port professional Fast Ethernet switch 10/100Mbps

New transmission techniques mean that there is an ever increasing need to use switches. Both the integration in existing IT systems (e.g. for controlling architecture lighting) and also mobile Ethernet audio networks give utmost priority to safe, fast data transmission. The **ESU-205** has a high degree of operating reliability to make it predestined for stage use and other adverse environments. In contrast to commercially available units from computer network technology, it has a robust housing, parallel connection possibilities for max. three power adap-

ters and road-compatible NEUTRIK®, EtherCon®, jacks which can be connected with all customary RJ45 types. An LED display gives warning of any capacity problems and possibly resulting lead-time delays. For monitoring purposes, critical operating statuses are output via potential-free relay contacts. Various LEDs offer extensive diagnosis possibilities and rapid help in any trouble shooting. Cascades of units need no cross cables because all ports are equipped with Nway auto negotiation.

### Technical data

#### Standards:

- 10BASE-T Ethernet - IEEE 802.3
- 100BASE-TX Fast Ethernet - IEEE 802.3u
- NWay Auto-Negotiation - ANSI/IEEE 802.3
- Full Duplex Flow Control - IEEE 802.3x

#### Features:

MAC-Adress: 2kB, Buffer Memory: 128kB per device

#### Network-Linking:

5x RJ45 NEUTRIK®, EtherCon® 10/100Mbps

#### Data transfer rates:

- 10Mbps Half-Duplex, 20Mbps Full-Duplex
- 100Mbps Half-Duplex, 200Mbps Full-Duplex

**Transmission mode:** Store and Forward

#### LED-Monitoring:

each port (1-5): Link/Act, Duplex, 10/100Mbps, Collision  
power supply: Power On, Supply 1, Supply 2, Supply 3  
loadmeter: > 0,4%, 0,8%, 1,6%, 3,2%, 6,4%, 12,5%, 25%, 50%

#### Monitoring relay:

one potential-free switch-contact each / 30V, 1A by Phoenix wedging terminal for Supply Off und >50% Load

**Power supply:** 12V DC (Hot-Swapped up to 3 power moduls)

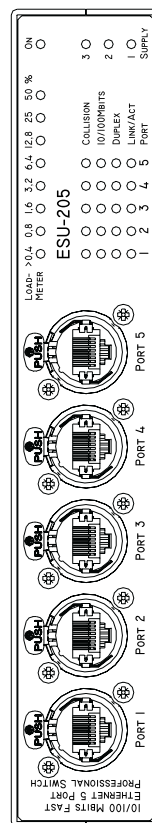
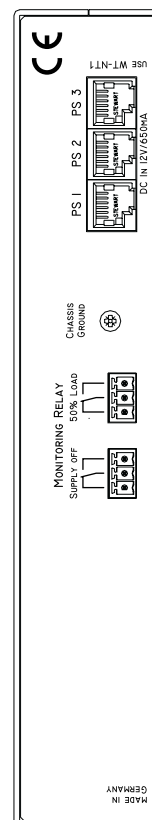
**Power consumption:** maximum 650mA

#### External supply unit (1x included):

12 V DC, 700 mA short-circuit-proof 100-230V AC (**wagnertools** NT-1)

**Dimensions:** (WHD) 216,5 x 39,5 x 115mm

**Weight:** 1120 g



### Order information

#### wagnertools ESU-205

##### Delivery including:

- ESU-205
- 1x external switch mode power supply NT-1 100-230V AC - 12V DC
- 3pole Phoenix wedging terminals (2 pcs)

##### Optional accessories:

- 19" Frame (R-19-1-4)
- Additional power supplies (NT-1) for PS2 and PS3

### Your dealer



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