



COS

# COS S10 User's Manual

V1.00  
April 22, 2023

# WELCOME

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Thank you for choosing S10.

S10 is an ethernet switch designed specifically for hi-fi.

Please have a few minutes for this manual before powering S10 on.



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# PLACEMENT

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S10 needs a solid and stable surface to stand firmly, and four boots should help keep it level. S10 does not need much air to stay operational, but suffocating it is certainly a bad idea. Where S10 is placed is not critical, but please keep it away from known magnetic fields.

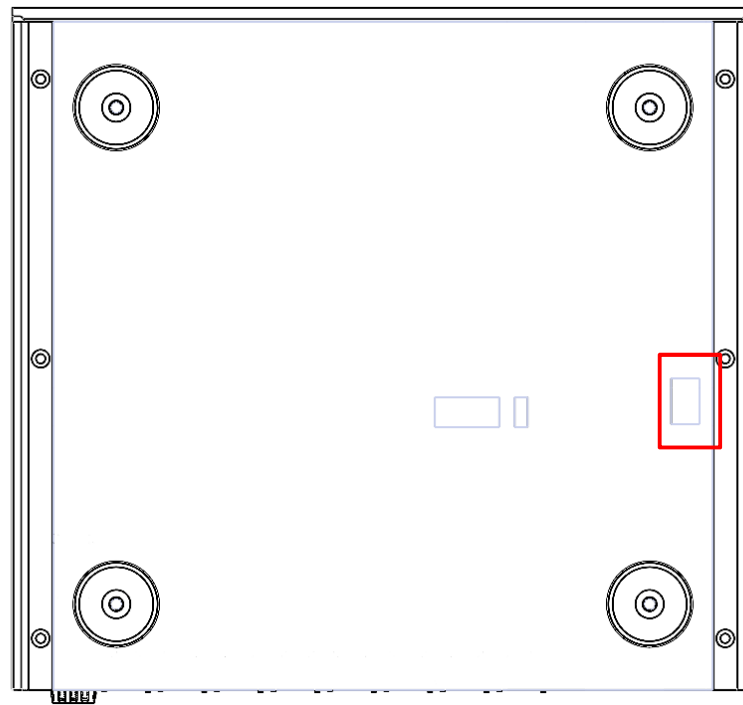


# MAINS CONNECTION

Before powering on, please make sure that the voltage setting fits the AC outlet voltage of your area. The AC voltage is set by a slide switch on the bottom of S10

115 : 100~120Vac

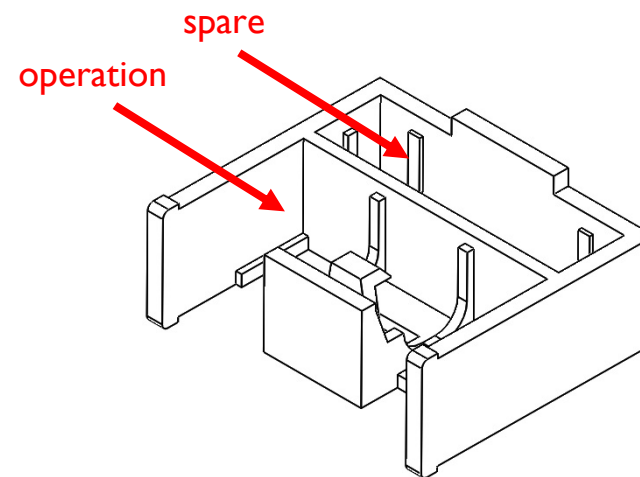
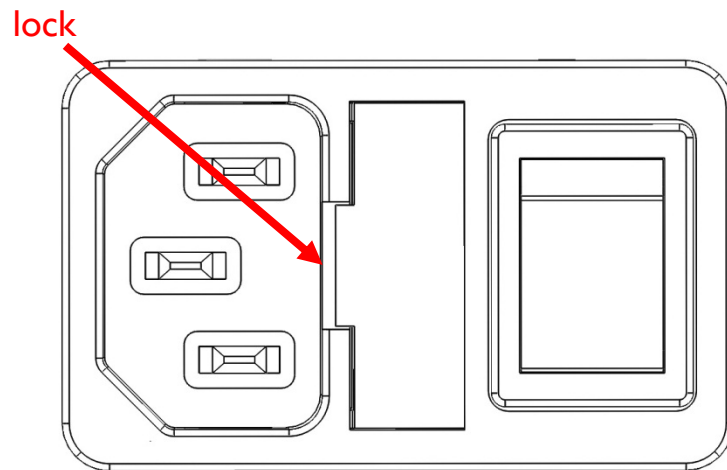
230 : 220~240Vac



# FUSES

Two fuses are mounted in a holder, located between the AC inlet and the power switch. Use a pair of tweezers or the likes to press down and release the lock. The holder will slide out. The inner one is in operation whereas the outer one is a spare.

These fuses are 5 X 20 mm in size and rated for 1A, 250V AC. If replacement is needed, please use fuses with the right specification.

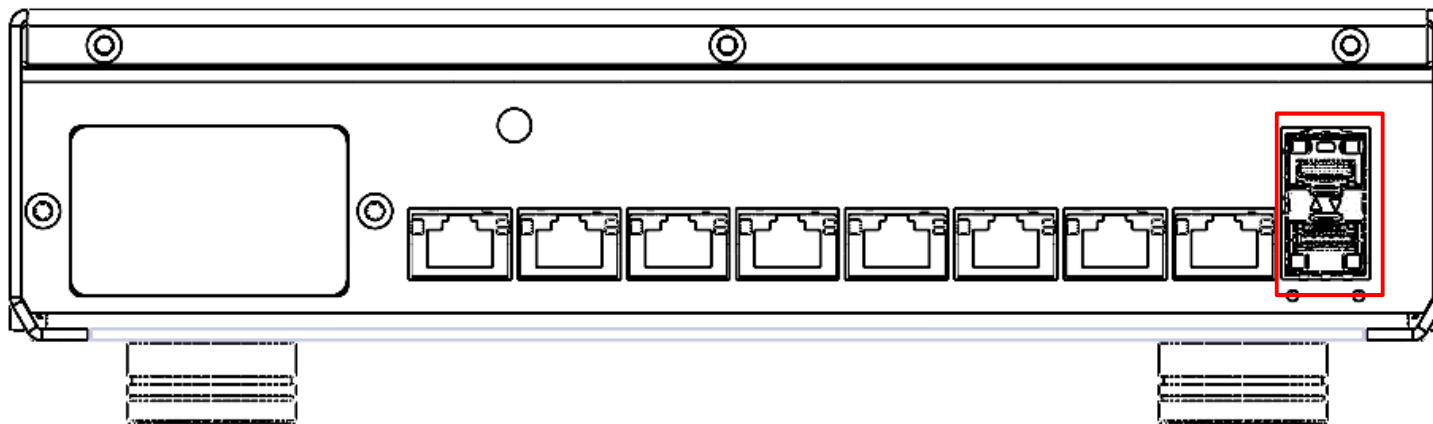


# SFP Ports

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There are two SFP ports on the back panel.

Both ports support 1000 or 100Mbps, auto-negotiated.

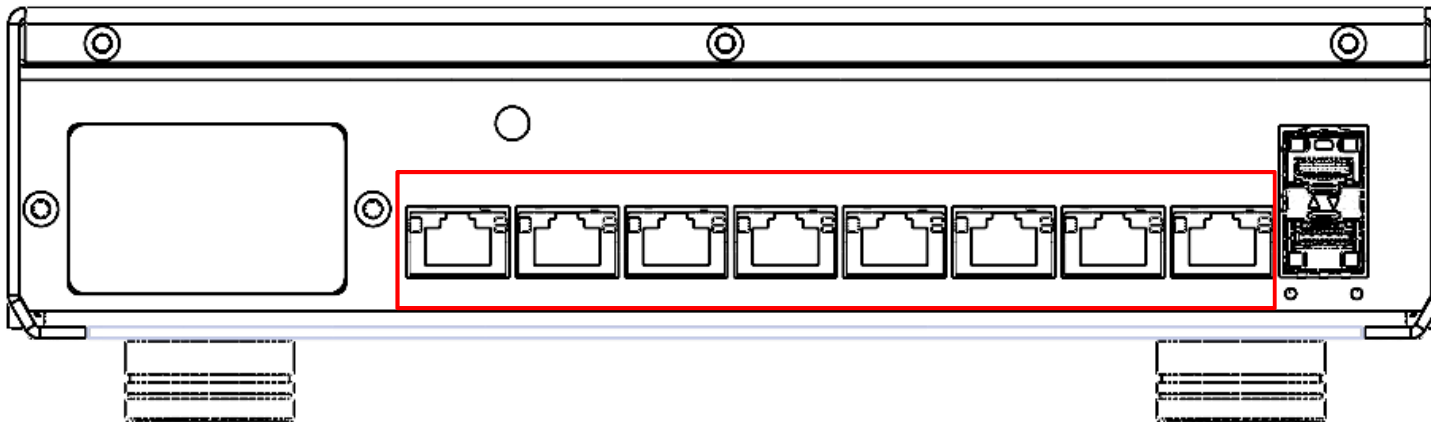


# Copper Ports

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There are 8 copper ports on the back panel.

All ports support 1000, 100 or 10 Mbps, auto-negotiated.



# Copper Ports

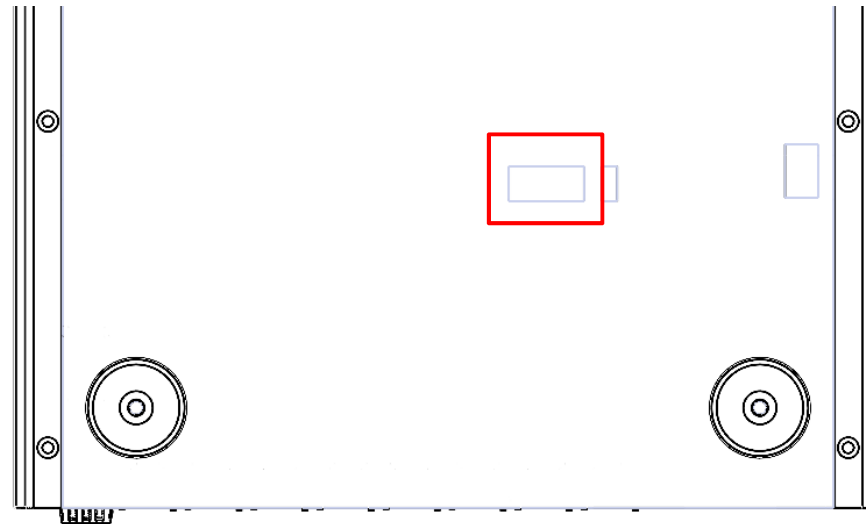
These copper ports can be individually enabled/disabled.

The unused ports are highly recommended to be disabled (by setting to 'OFF' one by one) to save power and reduce noises.

Unconnected ports keep sending 'fast link pulses', which supposedly speed up linkage but in effect generate noises.

These ports are read only once during power-up. Power cycling is needed to make the new settings effective.

Because of the large power smoothing capacitors, it may take a few seconds for S10 to turn off.



# LEDs

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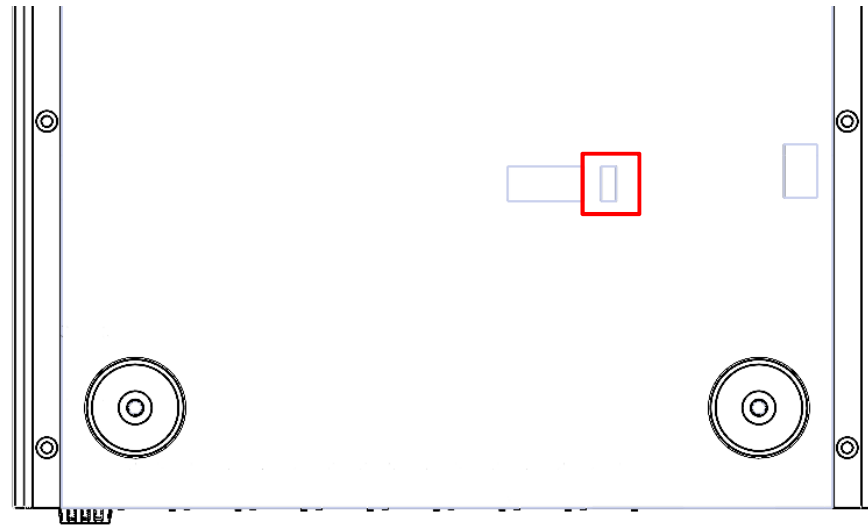
There are two LEDs for each port (SFP and Copper):

Amber on : 1000 Mbps

Green and Amber on : 100Mbps

Flashing : transmitting/receiving.

These LEDs can be turned on/off by a switch on the bottom.



# Specifications

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AC line voltage : 100~120V ac or 220~240V ac settable

SFP ports : 100/1000Mbps X 2

Copper ports : 10/100/1000Mbps X 8

Oscillator : 0.025 ps jitter

Power consumption : 10 VA

Dimension : 260 mm (W) X 250 mm (D) X 60 mm (H)

Weight : 3.6 Kg (package not included)

Color : Silver or Black

Material : Steel and Aluminum alloy