

MELCO S1

FLAGSHIP AUDIO DATASWITCH WITH EXTREME TECHNICAL PERFORMANCE FOR ASTONISHING SOUND QUALITY ON BOTH STREAMING AND LOCAL MUSIC NETWORKS



KEY POINTS >

- Extreme technical performance for astonishing sound quality on both streaming and local music networks.
- Unique real time fine tunable combination of 4 x SFP+ ports and 7 x RJ45 ports
- External 10MHz clock input
- Professional grade Neutrik RJ 45 connectors
- Dedicated audio-optimised technology with high grade internal NDK clock, and low noise linear power supply

October 2024, London:



Melco Announces S1 Flagship Audio Network Switch – the ultimate network switch for audiophiles wanting the very best connectivity and data switching for digital audio.

Featuring a host of connectivity and set-up options, the S1 is a truly adaptive network switch, designed specifically to offer the most discerning audiophiles the finest digital audio network platform.

9th October 2024 – Melco Audio, the Japanese digital music experts, is proud to announce the launch of its flagship S1 Audio Network Switch. With new dedicated electronics, this pre-programmed managed switch is designed to extract the best possible audio performance regardless of the network connectivity or architecture. Delivering extreme technical performance and great versatility, the S1 sets new standards for data switches in audio systems, epitomising Melco's absolute goal to create the very finest digital audio platform available.

Offering a combination of four SFP+ ports and seven RJ45 ports, all with front panel user configuration of link speed, the Melco S1 will accommodate Optical SFP+, Copper SFP+ Direct Attach (for example Melco C1) and all standard RJ45 interconnects.

Uniquely, the Melco S1 gives the user capability to fine tune each data port for Link Speed directly from the front panel in real time. The front panel buttons mirror the back panel layout with each port having a single button to select Link Speed, which is confirmed by colour coded feedback of the button illumination.



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specifications:

Melco S1

Ports:

7 x RJ45 | 4 x SFP+
1 x USB2.0 5V
DC power only – no data

Link Speed:

RJ-45: User configurable
10/100Mb/s, 1Gb/s
SFP+ : User configurable 1/10 Gb/s

DC Outputs:

SPF+ Port: (4 ports total):
Max 1.8A (DC 3.3V)
USB Port: Max 0.9A (DC 5V)
Clock Input:
BNC, 10 MHz, 50 ohm, 0.5 – 5Vpp

Power supply:

Pre-set 220-240 V AC
or 110-120 V AC
dependent on locality

Size:

440 x 82 x 353mm

Weight:

14kg (appx)

In this way, the user can configure the status of each port for the environment and hardware that it connects to. Additionally, any unused port can be selected to be OFF, releasing processing power for the remaining active ports to further enhance sound quality.

Rear panel Link / Act LEDs can be disabled to increase sound quality, and there is also a convenient rear panel power-only USB connector for accessory devices, such as a Wi-Fi adapter or ADOT audiophile-grade optical fibre isolation kit. There is also an external 10MHz clock input for future upgrade potential.

Professional grade Neutrik RJ45 connectors assure reliable connectivity and the internal electronics is built around dedicated audio-optimised technology with high grade internal NDK clock, and low noise linear power supply with condenser bank as used in the Melco N1 Music Library.

Also similar to the N1 is the extremely ridged chassis, which combines thick steel with aluminium panels, providing the perfect platform for the electronics.

Commenting on the launch of the Melco S1, **Alan Ainslie, General Manager of UK Distributor ADMM**, said, *"Building on the technology developed for the S100 and S10 switches has created what we feel is the ultimate no compromise platform for digital audio aficionados. The S1 switch further enhances Melco's reputation as the experts of digital music technology, and we know that those that experience it will be just as enthralled as we are."*

Available now in black or silver, the Melco S1 Audio Network Switch has an SRP of **£12,499.00 / €13,999.00** and comes with a two-year warranty.

For further information, visit melco-audio.com

