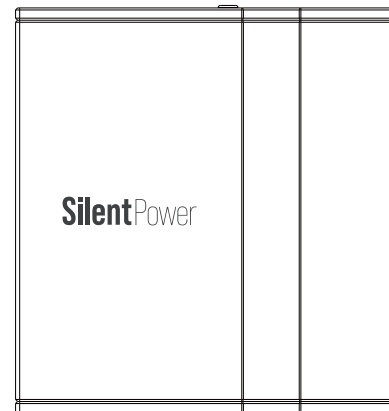


SilentPower

LAN iPURIFIER PRO



User Manual

OUTLINED

Thank you for purchasing the LAN iPurifier Pro from SilentPower. The LAN iPurifier Pro is an Ethernet Filter with Optical Isolation.

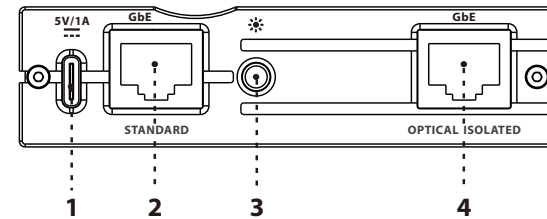
The LAN iPurifier Pro offers a seamless, plug-and-play mechanism designed to enhance the connection between the router or switch and network streamer, significantly improving audio and video streaming quality.

The LAN iPurifier Pro utilises Optical Galvanic Isolation technology to effectively isolate and eliminate electrical noise and interference emanating from the router or switch, which in turn, minimises system noise, errors, and jitter.

The LAN iPurifier Pro is compatible with a wide range of network devices, such as 4K media boxes and media streaming PCs, ensuring an experience free from jitter and noise.

FEATURES

- Optical Galvanic Isolation to isolate electrical noise and interference, reduce system noise, errors and jitter from the router or switch
- Employs cutting-edge tech including adaptive equalisation, error correction, and crosstalk cancellation, ensuring a cleaner signal
- Ultra-low noise internal DC-DC power supply design
- Supports 1000BASE-T (IEEE 802.3x) Ethernet



1. USB-C (5V) Power

Please connect the LAN iPurifier Pro to the supplied power adapter or other USB-C 5V/1A power adapter.

STANDARD NETWORK PORT SECTION

Each network port supports input and output, and the standard network port (2) is recommended as the input port.

2. STANDARD RJ45 Ethernet Port

Connect a network cable with a RJ45 connector.

This is a standard RJ45 Ethernet port without optical isolation and is recommended for use as an input port.

3. LED brightness setting buttons

This button cycles through 3 brightness modes (see item 5-8):

Screen Brightness (Short press)

High/Low/Off

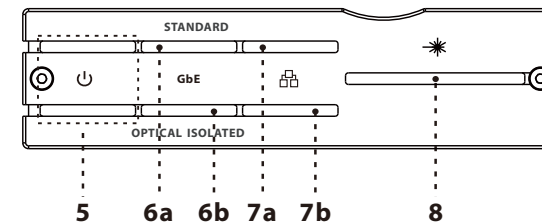
OPTICAL ISOLATED NETWORK PORT SECTION

Each network port supports input and output, the OPTICAL ISOLATED network port (4) is recommended as the output port.

4. OPTICAL ISOLATED RJ45 Ethernet Port

Connect a network cable with a RJ45 connector.

This is the RJ45 Ethernet port with optical isolation, recommended to be used as an output port for better network signal quality.



5. Power On/Off

The LED shows the current power connection status of the LAN iPurifier Pro.

LED	Status
On	Normal
Off	No connection

6. Network Connection Speed LED

The LED shows the current network transfer speed of the LAN iPurifier Pro.

	LED	Speed
6a	STANDARD	On 1000Mbps Off 100Mbps
6b	OPTICAL ISOLATED	On 1000Mbps Off 100Mbps

7. Network Connection Status LED

The LED shows the current network transfer status of the LAN iPurifier Pro.

	LED	Speed
7a	STANDARD	Orange Flashing Data Off No Connection
7b	OPTICAL ISOLATED	Orange Flashing Data Off No Connection

8. Optical Connection Status LED

The LED shows the current optical isolation status of the LAN iPurifier Pro.

LED	Status
On	No Data
Flashing	Data
Off	No Connection

SPECIFICATIONS

STANDARD Ethernet Port: RJ45

OPTICAL ISOLATED Ethernet Port: RJ45

Ethernet: IEEE 802.3x

Speed Supported: 1000/100/10 Mbps

Devices Supported: General-purpose, notebook, switch, router, wireless device, etc

Isolation Voltage: 5KV RMS

Power supply requirement: USB-C 5V/1A*

Power consumption: 3.7W

Dimensions: 99 x 92.8 x 24.2 mm (3.9" x 3.7" x 1.0")

Net weight: 241 g (0.53 lbs)

Limited warranty: 12 months**

**12 months typical or as permitted/required by local reseller laws.

*A power supply unit must be able to deliver minimum rated repetitive current

See FAQ at silentpower.tech for more information.

Specifications are subject to change without notice.

Cautions

1. Avoid extreme heat, cold and humidity.
2. Avoid dropping or crushing the LAN iPurifier Pro.

Prolonged Heat Exposure

Your LAN iPurifier Pro may become very warm during normal use. This is normal and nothing to worry about. Also, it is very important to keep it in a well-ventilated environment.