

LAN iPurifier Pro 4-In & 4-Out User Manual_Ver1.0.0

SilentPower

LAN iPURIFIER PRO 4-IN / 4-OUT

User Manual

Thank you for choosing the LAN iPurifier Pro 4-In / 4-Out. The LAN iPurifier Pro 4-In / 4-Out is a rack-mountable, multi-port optical LAN isolator for pro AV that maximises network performance and stability.

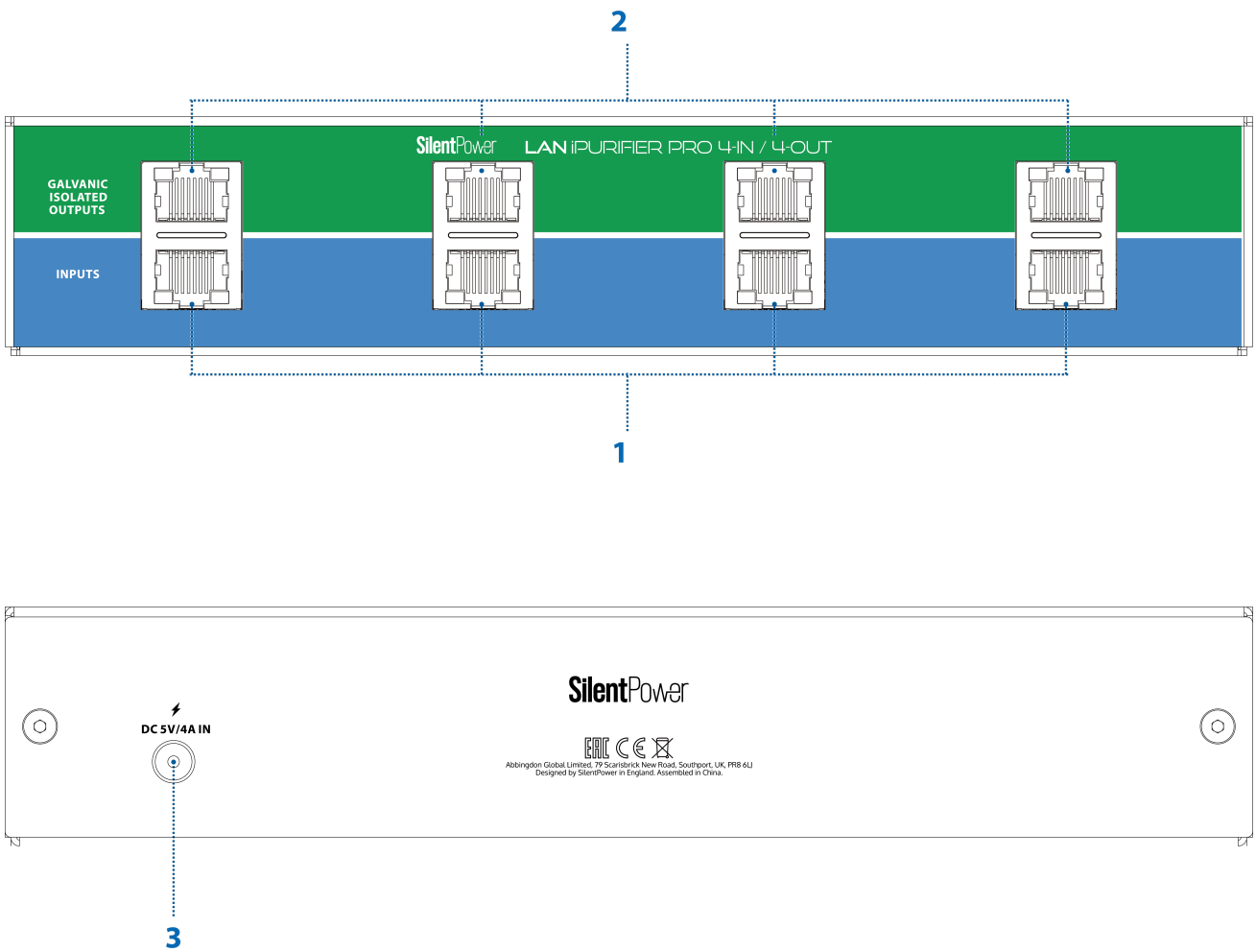
By converting Ethernet data into light and back, it severs electrical pathways – eliminating common-mode noise, stray voltages, and parasitic coupling that traditional isolators leave behind.

Each of its four independent channels actively regenerates clean, bit-perfect signals, ensuring reliable and precise networking for professional AV, high-end listening rooms, and other mission-critical installations.

FEATURES:

- Advanced optical isolation for broadband noise suppression
- Active signal regeneration for timing-accurate performance

- Adaptive equalisation and error correction preserve signal integrity
- Compact 1U half-rack form factor for easy system integration
- Ultra-low-noise internal DC-DC power supply design
- Fully Gigabit Ethernet (GbE) compatible



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SPECIFICATIONS:

1. Standard RJ45 Ethernet Input Ports

Connect a wired network cable with a RJ45 connector. Plug into the RJ45 network output port of the router.

Tip: This is not a network switch. Each input feeds only its corresponding output. We recommend using the 'Standard' network ports as input ports only.

2. Galvanic Isolated RJ45 Ethernet Output Ports

Connect a wired network cable with an RJ45 connector. Insert it into the input port of the audio device.

Tip: This is not a network switch. Each input feeds only its corresponding output. We recommend using the 'Galvanic Isolated' network ports as output ports only.

3. DC 5V Power Supply Input

The LAN iPurifier Pro 4-In / 4-Out requires a DC 5V / 4A power input. Please connect the LAN iPurifier Pro 4-In / 4-Out to the included power supply.

**Any connected power supply must be able to deliver a voltage of 5V only, and the minimum amperage of 4A.*

Cautions

1. Avoid extreme heat, cold and humidity.
2. Avoid dropping or crushing the **LAN iPurifier Pro 4-In / 4-Out**.

Prolonged Heat Exposure

During normal use, your **LAN iPurifier Pro 4-In / 4-Out** may become quite warm. This is normal and not a cause for concern. However, it is crucial to ensure good ventilation while using this device.

SPECIFICATIONS:

Inputs/Outputs:	RJ45 Female
Ethernet Standard	IEEE 802.3x
Bandwidth:	1000/100/10 Mbps
Power Supply Requirements	DC 5V/4A (centre +ve)
Power Consumption	~15W
Dimensions:	214 x 133 x 41 mm (8.4 x 5.2 x 1.6")
Net Weight:	872 g (1.92 lbs)
Limited Warranty:	12 months**

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

Specifications are subject to change without notice.

