

SilentPower

USB iPURIFIER PRO



User Manual

OUTLINED

Thank you for purchasing the USB iPurifier Pro from SilentPower. The USB iPurifier Pro is a Galvanically Isolated USB Noise Purifier with ANC3.

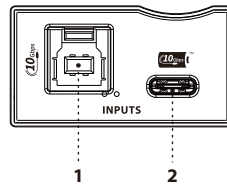
USB noise has long been the not-so-silent enemy of modern audio. Computers, peripherals, and power supplies leak noise through to your external DAC, smothering the detail it promises to deliver.

The **USB iPurifier Pro** reclaims all detail and silences unwanted noise through galvanic isolation and advanced ground-loop elimination. It ensures that one source does not contaminate the other, by separating the USB data and power streams to provide two fully isolated outputs.

If complete isolation wasn't enough, the **USB iPurifier Pro** also features an internal power supply with Active Noise Cancellation3® technology to ensure you'll never feel powerless against noise again.

FEATURES

- Galvanically isolates the incoming USB data stream
- Removes ground loops between isolation circuits to suppress interference
- Features ANC3 technology that effectively reduces both EMI and RFI
- Power supply with external input to bypass noise-ridden USB power
- Compatible with USB 3.0 for high-speed data transfer, up to 10Gbps
- USB-C or USB-B 3.0 input, with priority given to the USB-C

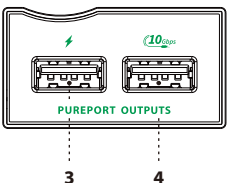


1. USB-B Audio & Power Input

Connect your source device (e.g. computer or laptop) to this USB-B port. It will also supply power for the USB iPurifier Pro to operate.

2. USB-C Audio & Power Input

Connect your source device (e.g. computer or laptop) to this USB-C port. It will also supply power for the USB iPurifier Pro to operate. This input takes priority over the USB-B input (1), meaning that if both ports are connected, the USB-C source will be used.



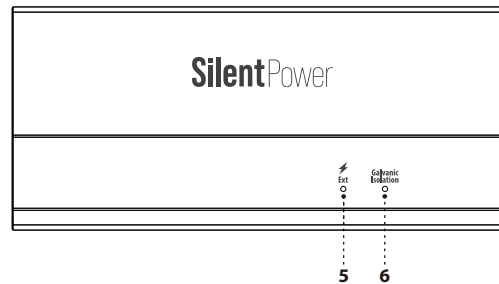
3. USB-A Power Output

This USB-A PurePort outputs clean, filtered power to connected USB devices. Please note that this port does not transmit data.

4. USB-A Audio & Power Output

This USB-A PurePort outputs clean audio and power to connected USB devices. Connect your device (e.g. USB DAC) here.

Tip: For best performance, we recommended using the SilentPower Gemini 3.0 dual-ended USB cable. This cable works in the same way as physically separating audio power cables, as in hi-fi systems where the interconnect and power cables are completely separate.

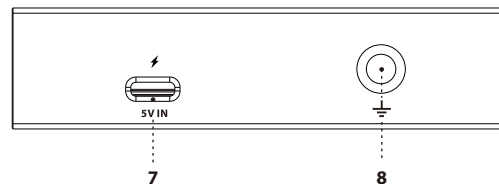


5. External Power Input LED

This LED indicates that the USB iPurifier Pro is connected to an external power source (5).

6. Galvanic Isolation LED

This LED indicates proper operation of the USB-A ports (3/4) and confirms that galvanic isolation is active.



7. USB-C External 5V Power Port

For USB-powered DACs, we recommend replacing your PC's USB bus power with clean external power. To do this, connected a clean 5V power supply to the external USB-C port located on the side of the device.

For optimal performance, use a high-quality, low-noise 5V adapter like SilentPower's iPower 2, iPowerX or iPower Elite.

8. Intelligent Earth Connection

This 4mm socket can be used to provide a supplementary earth connection for output-side audio devices that lack one.

This supplementary earth connection is 'smart' - it will NOT create a ground loop, even if the system has an earth, since multiple earths can cause ground loops.

SPECIFICATIONS

- Input: USB-C; USB-B 3.0 (Power & Data)
- Output: USB-A 3.0 (Power & Data)
USB-A 3.0 (Power)
- External Power Input: USB-C 5V/3A Max
- Data Speed: 10 Gbps
- Dimensions: 42.8 x 23.2 x 96 mm (1.7" x 0.9" x 3.8")
- Net weight: 112g (3.9 oz)
- Limited Warranty: 12 months*

Specifications are subject to change without notice.

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

See FAQ at silentpower.tech for more information.

Cautions

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

Prolonged Heat Exposure

During normal use, your **USB iPurifier Pro** 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.

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Ver1.1