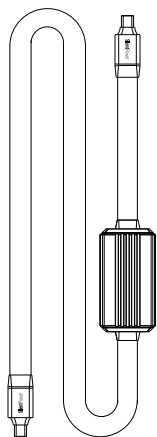# SilentPower

PULSAR USB

User Manual

OUTLINED

Thank you for purchasing the Pulsar USB from SilentPower.
The **Pulsar USB** is a Galvanically Isolated USB-C Cable with ANC.

Generic USB cables weren't built for great audio.

They cram power and data lines side by side, using poor-quality conductors and minimal shielding – your sound is compromised before it even reaches your DAC.
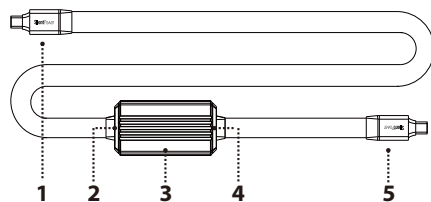The solution? The **Pulsar USB**.

It fully isolates the power and data lines to preserve signal integrity, then cleans the power path with our proprietary Active Noise Cancellation technology – reducing ripple and cancelling all incoming interference.

Simply connect and unlock what your system is truly capable of.

FEATURES

• Fully isolates both USB data and power lines
• Active Noise Cancellation technology reduces noise by 100x (>40dB)
• Removes ground loops between isolation circuits to suppress interference
• 5V/1.5A output powers connected audio devices with ease
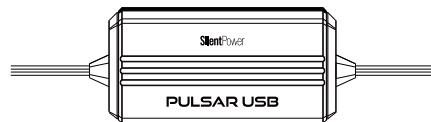• Compatible with USB 3.0 for high-speed data transfer, up to 10Gbps

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1. USB-C Male Input
This is the input side. Connect this to your USB audio source device (e.g. PC, laptop, smartphone, tablet, streamer, DAP, etc.).

2. USB-C Input Status LED
This LED illuminates when the Pulsar is successfully connected to a USB source via the input (1).

3. Active Noise Cancellation Module
The internal design of this module features our Active Noise Cancellation (ANC) technology.
Unlike passive filters, ANC actively cancels EMI (Electromagnetic Interference) or RFI (Radio Frequency Interference) from the power supply by generating an identical signal in opposite phase - similar to how noise-cancelling headphones work.

Power supply noise can occur at various frequencies for different reaosns. ANC cancels more of this noise across the entire frequency spectrum than traditional filtration methods - all in a compact, lightweight form that fits nearly between USB cables.

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4. USB-C Output Status LED
This LED illuminates when the Pulsar is succesfully delivering a clean USB output signal (5).

5. USB-C Male Output
This is the output. Connect this to the USB device you want to isolate from noise (e.g. streamer, USB DAC, etc.).

SPECIFICATIONS

Input:	USB-C Male
Output:	USB-C Male
Power Output:	5V/1.5A
Cable Length:	1m
Insulation:	HD Polyethylene
Shielding:	Quad-Shield
Impedance:	90Ω; 1% Deviation
Dimensions:	136 x 86 x 45mm (5.4 x 3.4 x 1.8")
Net Weight:	187g (6.6oz)
Limited Warranty:	12 months*

*12 months typical or as permitted/required by local reseller laws.
Specifications are subject to change without notice.

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

Prolonged Heat Exposure
During normal use, your **Pulsar USB** 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.