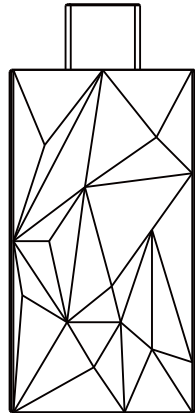


SilentPower

iDEFENDER MAX



User Manual

OUTLINED

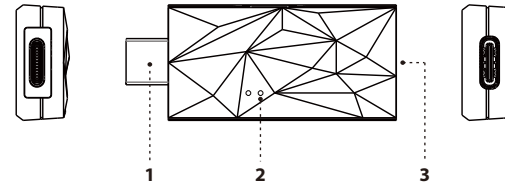
Thank you for purchasing the iDefender Max from SilentPower.
The iDefender Max is a USB-C Ground Loop Breaker and USB Power Injector.

The **iDefender Max** eliminates all distracting hum and noise in your Computer Audio System, allowing you to experience your Hi-Fi as silently and clearly as intended, with enhanced resolution and dynamics. Hum and noise often result from Earth/Ground loops from multiple devices in your system. The **iDefender Max** intelligently detects and disrupts noisy ground loops by disconnecting the PC's earth, eliminating audible ground-loop hum, and lowering the system's noise floor for enhanced audio.

iDefender Max features an additional USB-C port on the side for an external power supply, which, when used, replaces the PC's power with 'clean' external power. For optimal performance, consider using a high-quality, low-noise power adapter like SilentPower's iPower X. Recommended for audiophiles and home studio professionals, the **iDefender Max** is an essential upgrade for all USB DACs.

FEATURES

- IsoGround features intelligent auto ground loop detection and disconnection
- USB Noise Termination effectively cuts noisy USB power at the input
- Dedicated USB-C port ensures clean external power input
- Compatible with USB 3.0 for high-speed data transfer and includes USB-C connectivity to streamline cable management
- Supports up to 20V/5A power for maximum compatibility
- Encased in an aluminium alloy housing, which enhances cooling and durability



1. USB-C male

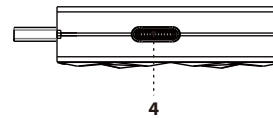
Insert into computer/laptop port.

2. Operational LED colours

ORANGE Connection made between peripheral and device.
WHITE External 5V power supply active.

3. USB-C female

This is for connecting to the peripheral (e.g. USB DAC).



4. External USB-C power supply port

For USB-powered DACs, we recommend using our iPower supply connected to the USB-C power supply port to replace the PC's power with 'clean' external power. For optimal performance, consider using a high-quality, low-noise 5V power adapter like SilentPower's iPower X or iPower Elite.

If in doubt, consult your device manufacturer or open an enquiry with the SilentPower Support Ticket System via the website.

Specifications

- Input/Output: USB-C
- Compatibility: USB 3.0
- ^Max. Power Support: Up to 100W (20V/5A)
- External input rating: Up to 25W (5V/5A)
- Dimensions: 51.3 x 20 x 12 mm (2.0" x 0.8" x 0.5")
- Net weight: 23g (0.81oz)
- Limited Warranty: 12 months*

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

Prolonged Heat Exposure

During normal use, your **iDefender Max** 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.