

SilentPower iPower2

Ultra Low Noise DC Power Supply



Overview

SilentPower's AC iPower2 is an ultra-low noise DC power supply designed to deliver exceptionally clean and reliable power to sensitive electronic devices. Its special focus on noise cancellation through Active Noise Cancellation II makes it a valuable solution across a range of professional AV (Pro AV) and custom installation scenarios.

Key Features

- **Active Noise Cancellation II:**
Uses Active Noise Cancellation II to actively cancel all incoming noise. It generates a signal identical to that of the incoming electrical noise but in the opposite phase. It cancels out all incoming EMI and RFI noise.
- **Quiet performance:**
20x Quieter than normal SMPS.

Key benefits and Applications

- **Powering AV Processors and Signal Distribution Devices**
AV matrix switchers, extenders, scalars, and HDMI splitters in integrated home cinemas and commercial AV installs benefit from the iPower2's ultra-clean power, minimising signal degradation and digital noise.

- **Professional Audio Equipment**
Used to reduce noise in audio interfaces, DACs, phono stages, preamps, headphone amps, and wireless microphone receivers, ensuring pristine audio performance in broadcast studios, control rooms, conference halls, and live events. Its reverse polarity adapter fits professional audio products that require a center-negative DC input, increasing compatibility with a wide array of pro audio gear.
- **Network and Streaming Equipment**
Provides stable, noise-free power to network switches, media streamers, and control processors found in AV racks and distributed audio/video systems, supporting dependable streaming and digital signal integrity.
- **LED and Studio Lighting Installations**
The regulated output virtually eliminates LED flicker and audio-visual interference caused by power fluctuations, making it ideal for integrated lighting systems in auditoriums, production studios, theatres, and home cinemas.
- **Custom Automation and Control Systems**
Ensures consistent operation of automation controllers, touch panels, relay modules, and occupancy sensors, where unreliable power could lead to interruptions in system automation and user experience.

Technical Specifications

- **Electrical characteristics**
 - Input: AC 100 -240VAC
 - Output: 5V/2.5A | 9V/2.0A | 12V/1.8A | 15V/1.2A
 - Output: Plug 3.5x1.35mm | 4.0x1.7mm | 4.8x1.7mm | 5.5x2.1mm 5.5x2.5mm | Reverse Polarity Plug (White)
 - Noise Floor: ~1uV
- **Physical characteristics**
 - Dimensions: 3.2" x 1.7" x 1.7"

- Weight: 1.2lbs
- Limited warranty: 12 months

Contact Us

SilentPower

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