iFi iPower2

iFi SilentPower iPower2 15V/1.2A DC Power Supply User Manual

Model: iPower2 | Brand: iFi

1. INTRODUCTION

The iFi SilentPower iPower2 is a low-noise DC power supply designed to provide a clean and stable power source for various electronic devices. It actively reduces electrical noise, which can improve the performance of audio, video, and other sensitive electronics. This manual provides instructions for the proper setup, operation, and maintenance of your iPower2.

2. WHAT'S IN THE BOX

Carefully unpack the contents of your iPower2 package. The following items should be included:

- iFi SilentPower iPower2 (15V / 1.2A) unit
- 5 DC barrel tips (various sizes)
- DC to micro USB adapter
- DC to USB C adapter
- DC to USB A (female) adapter

Image: The iFi iPower2 power supply shown with its included assortment of DC barrel and USB adapters, providing versatility for various devices.

3. SETUP INSTRUCTIONS

1. **Verify Device Voltage:** Before connecting, confirm that your device requires a 15V DC input. Using an incorrect voltage can damage your equipment.

2. **Select Appropriate Adapter:** Choose the correct DC barrel tip or USB adapter from the included accessories that matches your device's power input port. The iPower2 also includes a center negative adapter for devices requiring inverted polarity. Consult your device's manual for polarity requirements.

3. **Connect to Device:** Firmly connect the selected adapter to your device's power input.

4. **Connect iPower2 to Wall Outlet:** Plug the iPower2 unit into a standard AC wall outlet. Ensure the connection is secure.

5. **Power On Device:** Once connected, power on your device as usual. The iPower2 will immediately begin providing clean power.

Image: The iFi iPower2 power supply, a compact black unit with its integrated power cable, ready for connection.

4. OPERATING INSTRUCTIONS

The iFi iPower2 operates automatically once connected. It continuously works to filter out electrical noise from your power supply, providing a cleaner direct current to your connected device. No user intervention is required during operation.

Active Noise Cancellation II Technology

The iPower2 incorporates Active Noise Cancellation II (ANC II) technology. This system generates a signal identical to the incoming electrical noise but in the opposite phase, effectively canceling out the noise. This results in a significantly quieter noise floor, enhancing the clarity and detail of your audio or video experience.

Active Noise Cancellation II

The Active Noise Cancellation II generates a signal identical to that of the incoming electrical noise but in the opposite phase. This actively cancels it out – just like noise cancelling headphones.

Audio Band Noise Floor*

1uV iFi iPower

20uV Audiophile Linear Power Supply (LPS)

Generic Power Supply 1000uV

Noise floor is the random noise and excl. AC mains related components and switching freq (<30uV).

Active Noise Cancellation II®

Image: A diagram explaining the Active Noise Cancellation II technology, showing how it reduces noise levels compared to generic power supplies.

5. MAINTENANCE

The iFi iPower2 requires minimal maintenance. Follow these guidelines to ensure its longevity:

- Keep the unit clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the unit to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to open or service the unit yourself. This will void the warranty.

6. TROUBLESHOOTING

If you encounter issues with your iPower2, please refer to the following troubleshooting steps:

- **No Power to Device:**
  - Ensure the iPower2 is securely plugged into a working wall outlet.
  - Verify that the correct adapter is firmly connected to your device and the iPower2.
  - Check your device's power indicator to confirm it is receiving power.

- **Noise Still Present:**
  - Confirm that the iPower2's voltage (15V) matches your device's requirements.
  - Ensure all connections are secure. Loose connections can introduce noise.
  - Test the iPower2 with a different device or in a different outlet to rule out other factors.
  - Some noise sources may be external to the power supply. Consider other components in your setup.

If these steps do not resolve the issue, please contact iFi customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model Number	iPower2
Input Voltage	AC 100-240V (Worldwide compatible)
Output Voltage	15V DC

Feature	Specification
Output Amperage	1.2 Amps
Noise Reduction	Active Noise Cancellation II
Dimensions (Unit)	Approximately 80mm x 43mm (excluding cable)
Cable Length	Approximately 700mm
Item Weight	14.4 ounces (approx. 408 grams)
Included Components	5 barrel tips, DC to micro USB adapter, DC to USB C adapter, DC to USB A (female) adapter

Come on, heal the noise!

Got underlying noise in your system? An irritating noise that you can't explain? Sonics grainy? It could be as simple as your power supply.

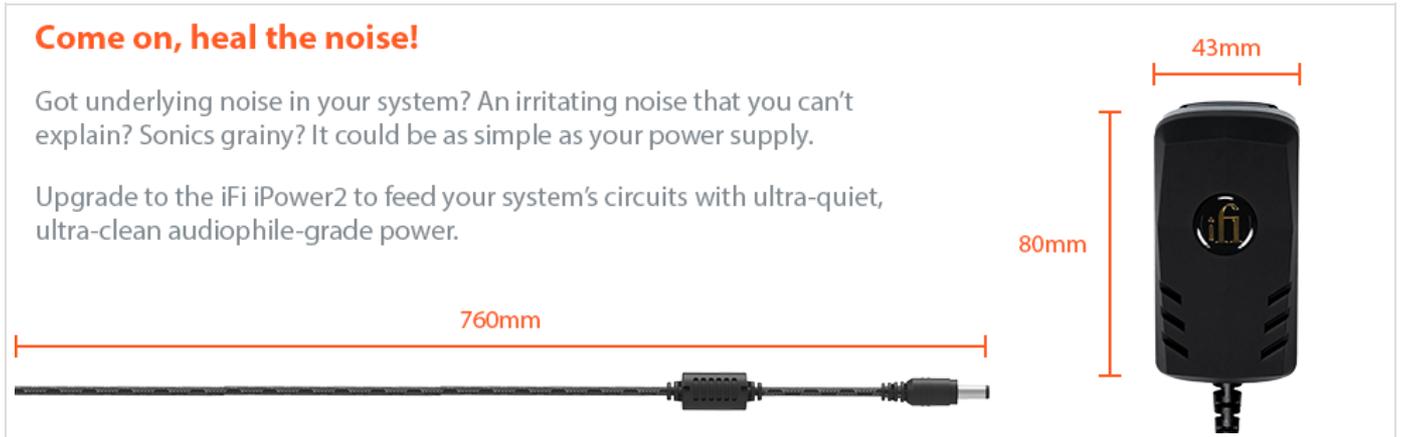Upgrade to the iFi iPower2 to feed your system's circuits with ultra-quiet, ultra-clean audiophile-grade power.

760mm

43mm

80mm

Image: A visual representation of the iFi iPower2 unit, highlighting its dimensions (80mm x 43mm) and the 700mm length of its power cable.

8. WARRANTY AND SUPPORT

iFi products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official iFi website. For technical support or further inquiries, please contact iFi customer service through their official channels.

You can find more information and support resources on the iFi Audio USA Store.