



Contents [[hide](#)]

- [1 iFi Ipower 2 Tech Lowdown](#)
- [2 Product Information](#)
- [3 Super-Silent Power](#)
- [4 Active Noise Cancellation II](#)
- [5 Specifications](#)
- [6 MQA Setup](#)
- [7 Note for Charging](#)
- [8 After-Sales](#)
- [9 Frequently Asked Questions](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)



iFi Ipower 2 Tech Lowdown



Product Information

Specifications

- **Input:** AC 100-240VAC
- **Output:** 5V/2.5A | 9V/2.0A | 12V/1.8A | 15V/1.2A
- **Output Plug:** 3.5×1.35mm | 4.0×1.7mm | 4.8×1.7mm | 5.5×2.1mm | 5.5×2.5mm | Reverse Polarity Plug (White)
- **Noise Floor:** ~1uV
- **Dimensions:** 82 x 43 x 43mm
- **Weight:** 165g | 1.2lbs (with cable)

Super-Silent Power

The iPower2 will feed your system's circuits with ultra-quiet, clean power at both the input and the output stages.

The new iPower boasts improved components and thicker gauge wiring to deliver improved output/input noise suppression.

It's more than 10 times quieter than most audiophile power supplies.

It comes in 5V, 9V, 12V or 15V. Each voltage is individually available for your particular region and includes a reverse polarity adapter for centre pin negative products.



Active Noise Cancellation II

The iPower2 uses our improved 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. 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).*

- ANC2 stealth technology by AMR
- 10x quieter than most audiophile power suppliers
- Improved Output/Input dynamic noise suppression
- Improved Output/Input dynamic noise suppression

Active Noise Cancellation2



10X



Ipower

Is your system 'hissing'? You need to replace your regular power supply with the iPower. This super silent power supply will feed your system's circuits with the ultra-quiet power at both the input and output stages.

With improved components and thicker gauge wiring, the iPower is the simple silent upgrade your system deserves. The iPower comes in 5V, 9V, 12V or 15V. Use it for any products requiring super silent power.



Active Noise Cancellation II



iPower uses our improved Active Noise Cancellation II to actively cancel all incoming noise.

It does this in a similar way to active noise-cancelling headphones – it generates a signal identical to that of the incoming electrical noise but in the opposite phase, actively cancelling it out. This is highly effective at removing low- and mid-frequency noise, while passive insulating filters deal with higher frequency interference.

Audio Band Noise Floor*

1uV iFi iPower



Centre pin positive



Worldwide compatibility

Specifications

- Input: 100-240VAC Output: 5V/2.5A; 9V/2.0A; 12V/1.8A; 15V/1.2A

- Output plug: 3.5×1.35mm; 4.0×1.7mm; 4.8×1.7mm; 5.5×2.1mm; 5.5×2.5mm;
- Reverse Polarity Plug (White) Noise floor*: ~1uV
- Dimensions: 82 x 43 x 43 mm 3.2" x 1.7" x 1.7"
- Weight: 165 g (1.2 lbs) (with cable)
- Warranty period: 12 months



ifi-audio.com



MQA Setup

(where applicable)

For MQA computer setup, please scan this QR code or type 'ifi audio' into You(g search.

You will find two setup videos:

- MQA Decoder – eg Pro iDSD
- MQA Renderer- eg nano iDSO BL



Any queries, please search the FAQs or open a support ticket here:

<https://support.ifi-audio.com/>



Type A Connections

(where applicable)

This iFi device has a USB Type A male port



was designed for direct connection to mobile devices to extract the digital signal .

Phone connection via

Apple (iOS) use Apple USB to USB-C/Lightning:



Android* use On-The-Go (USB-C/USB-micro):



For further support FAQs and Support Ticket System: <https://support.ifi-audio.com/>

“Please ensure your Android is USB host mode compatible

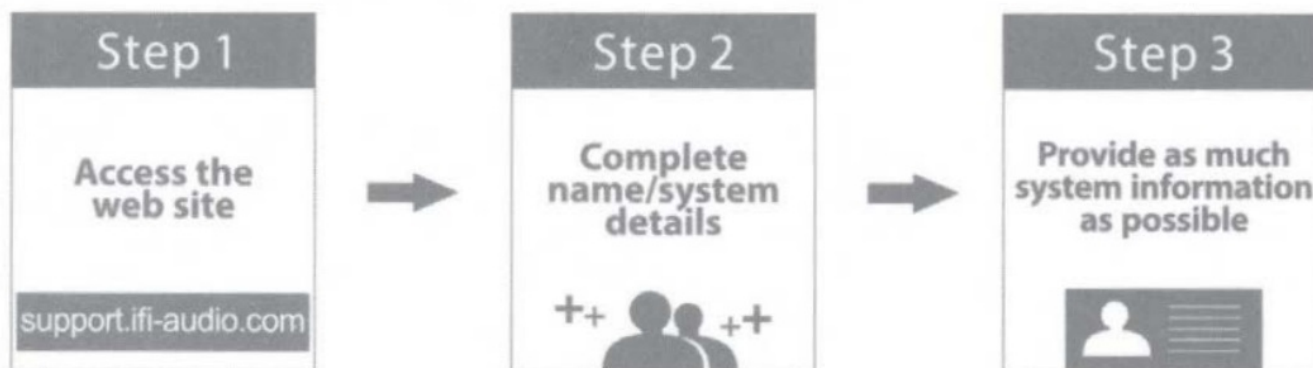
Note for Charging

(where applicable)

- If the LED is BLUE when you first switch ON the machine, it means that it is sufficiently charged. If the LED is RED, please turn OFF the machine and charge until no LED is lit.
- If you cannot power ON or if there is no LED light, please insert a USB cable with USB power 3-5 times, then the LED should be BLUE.
- It should stay like this for a few hours (depending upon how flat the battery is). If not, please re-insert the USB cable (with USB power) 3-5 times again, and once the LED is BLUE, leave for at least 6 hours.
- After a long period on inactivity (say 3-6 months), please fully charge the machine again. Ideally, repeat this process once every 3 months.
- If you encounter any issues, please contact our technical support department at:
<https://support.ifi-audio.com/>

After-Sales

3 Easy Steps ...



Dear iFi customer: Thankyou for purchasing this iFi product.

Please do not hesitate to contact us if you have any questions surrounding our products/support.

<https://support.ifi-audio.com/>

Review the IFi Product Safety Guide before using your iFi Product. View the guide at ifi-audio.com/product-guides. Retain documentation for future reference Safety and Handling See “IFi Product Safety Guide” at ifi-audio.com/product-guides. Avoid Hearing

Damage To prevent possible hearing damage, do not listen at high volume levels for long periods. Always check the actual output volume on your earphone, headphone, or loudspeakers before playing audio, as many music player software and operating systems do not appropriately apply industrial standards governing volume control (e.g. USB Device Class Definition for Human Interface Devices). If in doubt, before playing any music, turn off CyberSync or any other volume synchronization feature on the if Product and bring the volume down to the lowest setting.



WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

Medical Device Interference ifi Product contains magnets that may interfere with medical devices. See “IFI Product Safety Guide” at ifi-audio.com/product-guides.

Prolonged Heat Exposure

Your IF Product may become very warm during normal use. It is important to keep your iF Product on a hard, stable, and well ventilated work surface when in use or charging. Use common sense to avoid situations where your body is in prolonged contact with a device or its power adapter when it is operating or plugged into a power source, as sustained contact with warm surfaces may cause discomfort or injury. Take special care if you have a physical condition that affects your ability to detect heat against the body. Regulatory information Regulatory certification information is available at ifi-audio.com/product-guides

FCC and ISED Canada Compliance

This device complies with part 15 of the FCC Rules and ISED Canada licence exempt RSS standard (s). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

EU / UK Compliance

iFi hereby declares that this wireless device is in compliance with Directive 2014/53/EU and Radio Equipment Regulations 2017. A copy of the Declaration of Conformity is available at ifi-audio.com/product-guides. IFI EU representative is bbingdon EU 8V, Mercatorweg 28 Arnhem 6827 DC Netherland' FI UK representative is Abbingdon Global Ltd., 79 Scarisbrick New Road. Southport. PR8 6LJ.



Use Restriction (if applicable)

This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range. This restriction applies in: AT, BE, BG, CH, CY, CZ, DE, DK, EE, EL, ES, FI, FR, HR, HU IE. IS. IT. LLLT. LU. LV. MT. NL NO. PLPT. RO SE. SISK TR. UA. UKIND.

Frequency	Maximum Power
2.4GHz (Bluetooth/WLAN)	<100mW
5.150-5.350/5.470-5.725GHz	<200mW
5.725-5.875GHz	<25mW

As an ENERGY STAR partner, IFi has determined that standard configurations of this product meet the ENERGY STAR guidelines for energy efficiency. The ENERGY STAR program is a partnership with electronic equipment manufacturers to promote energy-efficient products. Reducing energy consumption of products saves money and helps conserve valuable resources.

Disposal and Rec cycling Information



The symbol above means that according to local laws and regulations your product

and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. **Battery and Charging** Don't attempt to replace or remove the battery yourself—you may damage the battery, which could cause overheating, fire, and injury. The built-in battery should be replaced by iFi or an authorized service provider, and must be recycled or disposed of separately from household waste.

Dispose of batteries according to your local environmental laws and guidelines. For information about charging, see “iF Product Safety Guide*” at ifi-audio.com/product-guides. Software License Agreement Use of IFI Product constitutes acceptance of the iFi and third-party software license terms found at ifi-audio.com. Accessories Standard and/or non-standard 3rd party accessories may be included with the iFi product. Only iFi products are compatible with those accessories. All accessories are given “as is”. IFi offers no other explicit or implied assurances, and expressly disclaims all implied warranties, including any promise of merchantability or fitness for a particular purpose.

IF Limited Warranty Summary

IF warrants the included hardware product and accessories against defects in materials and workmanship for one year from the date of original retail purchase (unless otherwise provided by law). IFi does not warrant against normal wear and tear, nor damage caused by accident or abuse. To obtain service, call iFi or an IFi Authorized Service Provider—available service options are dependent on the country in which service is requested and may be restricted to the original country of sale. Call charges and international shipping charges may apply, depending on the location. Subject to the full terms and detailed Information on obtaining service available at ih-audio.com, If you submit a valid claim under this warranty, iFi will either repair, replace, or refund your product at its own discretion. Warranty benefits are in addition to rights provided under local consumer laws. You may be required to furnish proof of purchase details when making a claim under this warranty.

For Australian consumers: Our goods come with guarantees that cannot be excluded

under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. © 2022 IFI All rights reserved, IFI, the IFI logo, and IFI Product are trademarks of Abbingdon Limited, Abbingdon Global Limited., registered in the U.S. and other countries. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S Environmental Protection Agency.

Frequently Asked Questions


- **Q: My system is producing a ‘hissing’ sound. Will the iPower2 help?**

A: Yes, replacing your regular power supply with the iPower2 can resolve the ‘hissing’ issue by providing ultra-quiet power to your system circuits.

- **Q: How does the iPower2 compare to other power supplies in terms of noise suppression?**

A: The iPower2 is more than 10 times quieter than most audiophile power supplies, thanks to improved components and noise cancellation technology.

Documents / Resources

	iFi Ipower 2 Tech Lowdown [pdf] Owner's Manual 246IPWR25V, 246IPWR25V, 246IPWR25V, Ipower 2 Tech Lowdown, Tech Lowdown, Lowdown
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References

- [audio.com - a better way to upload and share audio online](#)
- [audlo.com is for sale](#)
- [audlo.com is for sale](#)
- [audlo.com is for sale](#)
- [iFi iFi audio | the Award-Winning Audio Technology Company](#)
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noise...

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