

iFi 5060738780440

iFi iPower X Low Noise Power Supply DC Adapter (5V) User Manual

1. INTRODUCTION

The iFi iPower X is an advanced ultra-low noise DC power supply designed to replace standard power adapters. It enhances the performance of various electronic devices by providing a cleaner, more stable power source, significantly reducing unwanted electrical noise. This manual provides essential information for the proper setup, operation, and maintenance of your iFi iPower X 5V unit.





Image 1: Front view of the iFi iPower X Low Noise Power Supply DC Adapter (5V).

2. KEY FEATURES

The iFi iPower X incorporates several advanced technologies and design elements to deliver superior power quality:

- **Enhanced Noise Reduction:** Features Active Noise Cancellation² technology, which actively cancels out noise pollution by generating an identical wave of the opposite phase.
- **Advanced Componentry:** Utilizes solid organic capacitors, aluminum conductive polymer solid capacitors, and high-density output inductors for improved suppression of high-frequency noise.
- **Increased Power and Amperage:** Provides 20% more power and increased amperage compared to previous iFi iPower models, allowing compatibility with a wider range of equipment.
- **Wide Compatibility:** Includes multiple barrel tips, as well as Micro USB and USB-C tips (for the 5V version), ensuring versatility for various devices.
- **Optimized for Audio/Video:** Specifically designed to remove electrical noise that can interfere with audio and digital video signals, leading to clearer sound and more defined visuals.

Crème de la crème components

We're using the latest solid organic capacitors for better suppression of high-frequency noise. And the leakage capacitance is some 20x lower than your normal SMPS!

In a nutshell, there is no escape for unwanted noise!

All in all, the iPower X will give you 20% more power than the original iFi iPower and increased amperage which means it can work with more equipment than ever before.



Image 2: Illustration of Active Noise Cancellation II technology.

Pure silence. Clean power to the maX.

With crème de la crème components and tech, the iFi iPower X deep cleans the background noise created in your mains power. Can now be used with a wider variety of equipment.



Image 3: Depiction of the high-quality internal components used in the iPower X.

3. SETUP

Follow these steps to correctly set up your iFi iPower X 5V:

1. **Verify Voltage:** Ensure your device requires a 5V DC power supply. The iFi iPower X unit is specifically rated for 5V output. Using an incorrect voltage can damage your device.
2. **Select Connector Tip:** Choose the appropriate barrel tip or USB connector (Micro USB or USB-C) that matches your device's power input port. The iPower X comes with a variety of tips for broad compatibility.
3. **Connect to Device:** Firmly insert the selected connector tip into your device's DC input port.
4. **Connect to Power Outlet:** Plug the iFi iPower X into a standard wall power outlet. Ensure the connection is secure.

Your device should now receive clean, low-noise power from the iFi iPower X.



Image 4: Side view of the iFi iPower X, illustrating the plug design.

4. OPERATING INSTRUCTIONS

The iFi iPower X operates automatically once connected. There are no user-adjustable settings or controls on the unit itself. Its function is to continuously provide a clean and stable power supply to your connected device.

- Ensure all connections are secure to prevent intermittent power supply.
- The iPower X is designed for continuous operation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your iFi iPower X, observe the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents.
- **Environment:** Keep the iPower X in a dry environment, away from direct sunlight, excessive heat, and moisture.
- **Cable Inspection:** Periodically inspect the power cable and connectors for any signs of damage, fraying, or loose connections. Discontinue use if damage is observed.
- **Ventilation:** Ensure the unit has adequate ventilation and is not covered, although it generates minimal heat.






6. TROUBLESHOOTING

If you encounter issues with your iFi iPower X, consider the following troubleshooting steps:

- **Device Not Powering On:**
 - Verify that the iPower X is securely plugged into a functional wall outlet.
 - Ensure the correct connector tip is firmly inserted into your device.
 - Confirm that your device requires 5V DC power and that the iPower X is the correct voltage model.
 - Test the wall outlet with another device to ensure it is supplying power.
- **Noise Persists or Increases:**
 - Ensure all connections are tight and secure.
 - Try plugging the iPower X into a different wall outlet, preferably one not shared with other high-power electronics.
 - Isolate the device and iPower X from other potential sources of electrical interference.
 - Confirm that the noise is indeed electrical and not originating from the audio source or device itself.
- **Loose Connection:** If the barrel tip feels loose in your device's port, try a different tip from the provided assortment to find the best fit.

7. SPECIFICATIONS

Specification	Detail
Model Number	5060738780440
Output Voltage/Current	5V / 3.0A

	<p>iFi iPower Elite: Audiophile Power Supply Overview</p> <p>A comprehensive overview of the iFi iPower Elite, an audiophile-grade AC-to-DC power supply. Details include its advanced circuit performance, ultra-low noise floor (<1μV), premium construction, specifications, warranty information, and after-sales support.</p>
	<p>iFi NEO iDSD 2 User Manual: Balanced USB & Bluetooth Ultra-Res DAC + Headphone Amplifier</p> <p>Comprehensive user manual for the iFi NEO iDSD 2, detailing its features as a balanced USB and Bluetooth Ultra-Res DAC and headphone amplifier, including setup, controls, MQA technology, digital filters, gain settings, connectivity, specifications, and safety information.</p>
	<p>iFi GO pod MAX Quick Start Guide</p> <p>A concise guide to setting up and using the iFi GO pod MAX, including power, charging, touch controls, microphone, and Bluetooth pairing.</p>
	<p>iFi ZEN CAN Quick Start Guide: Setup and Features</p> <p>A concise guide to setting up and using the iFi ZEN CAN headphone amplifier, covering power, inputs, outputs, volume, gain, and EQ modes.</p>
	<p>iFi OMNI USB Hub User Manual</p> <p>User manual for the iFi OMNI USB Hub, detailing its features, connections, operation, and specifications. Includes information on optical isolation, battery power, USB ports, S/PDIF outputs, and the iFi Nexis app.</p>