

[Manuals.plus](#) /

› [FX-Audio](#) /

› FX-Audio DAC-X6 Digital-to-Analog Converter and Headphone Amplifier User Manual

FX-Audio DAC-X6

FX-Audio DAC-X6 Digital-to-Analog Converter and Headphone Amplifier User Manual

1. INTRODUCTION

The FX-Audio DAC-X6 is a versatile Digital-to-Analog Converter (DAC) and Headphone Amplifier designed to enhance your audio experience. It supports multiple digital input sources including USB, Optical, and Coaxial, converting digital audio signals into high-fidelity analog sound. This device also features a powerful headphone amplifier for direct headphone connection. This manual provides essential information for the proper setup, operation, and maintenance of your DAC-X6.

2. SAFETY INSTRUCTIONS

- Ensure the power adapter voltage matches your local power supply.
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not open the casing; there are no user-serviceable parts inside. Opening the device voids the warranty.
- Disconnect the power adapter during lightning storms or when unused for long periods.
- Use only the provided power adapter or a compatible replacement specified by the manufacturer.

3. PACKAGE CONTENTS

Please check the package for the following items:

- FX-Audio DAC-X6 Unit
- 12V Power Adapter
- USB Cable
- User Manual (this document)



Image: FX-Audio DAC-X6 package contents.

4. PRODUCT OVERVIEW

4.1 Front Panel



Image: Front panel of the DAC-X6.

1. **Input Selector Switches:** Toggle between Optical, USB, and Coaxial inputs.
2. **PHONE (Headphone Output):** 6.35mm (1/4 inch) jack for connecting headphones.
3. **Volume Knob:** Controls the output volume for the headphone jack. This knob does not affect the RCA line output.

4.2 Rear Panel



Image: Rear panel of the DAC-X6.

1. **PC-USB IN:** Connects to a computer for USB audio input.
2. **OPTICAL IN:** Connects to devices with optical digital audio output (e.g., TVs, game consoles).
3. **COAXIAL IN:** Connects to devices with coaxial digital audio output (e.g., CD players, media streamers).
4. **R OUT / L OUT (RCA Line Output):** Connects to an external amplifier or powered speakers. This output is fixed level and not affected by the front panel volume knob.
5. **POWER (DC 12V):** Connects to the 12V power adapter.

5. SETUP

Follow these steps to set up your FX-Audio DAC-X6:

1. **Connect Audio Source:**
 - **USB Input:** Connect the provided USB cable from your computer's USB port to the PC-USB IN port on the DAC-X6.
 - **Optical Input:** Connect an optical cable from your audio source (e.g., TV, game console) to the OPTICAL IN port.
 - **Coaxial Input:** Connect a coaxial cable from your audio source (e.g., CD player) to the COAXIAL IN port.
2. **Connect Output Device:**

- **Headphones:** Plug your headphones into the 6.35mm PHONE jack on the front panel.
 - **External Amplifier/Speakers:** Connect RCA cables from the R OUT and L OUT ports on the rear panel to the corresponding analog input ports on your amplifier or powered speakers.
3. **Connect Power:** Plug the 12V power adapter into the POWER port on the rear panel, then connect the adapter to a wall outlet. The unit will power on automatically.
 4. **Select Input:** Use the input selector switches on the front panel to choose your desired audio source (Optical, USB, or Coaxial).
 5. **Driver Installation (for USB):** For most modern operating systems (Windows 10/11, macOS, Linux), the DAC-X6 should be recognized automatically as a USB audio device without requiring additional drivers. If issues arise, check the manufacturer's website for specific driver downloads.

6. OPERATING INSTRUCTIONS

1. **Power On/Off:** The unit powers on automatically when connected to power. Disconnect the power adapter to turn off the unit.
2. **Input Selection:** Use the toggle switches on the front panel to select between the Optical, USB, or Coaxial input. Ensure the correct input is selected for your active audio source.
3. **Headphone Volume Control:** Adjust the large knob on the front panel to control the volume level for connected headphones. Start with a low volume and gradually increase to a comfortable listening level.
4. **Line Output:** The RCA L/R outputs provide a fixed-level analog signal to an external amplifier or powered speakers. The front panel volume knob does not affect this output. Adjust volume using your connected amplifier or speakers.
5. **Indicator Lights:** The unit may feature small indicator lights near the input switches to confirm the active input. For USB input, the indicator light typically illuminates only when an active audio signal is being received.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and dust.
- **Ventilation:** Ensure adequate airflow around the unit to prevent overheating. Do not block ventilation openings.

8. TROUBLESHOOTING

If you encounter issues with your DAC-X6, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No sound from headphones or RCA outputs.	• Incorrect input selected. • Volume too low. • Cables not properly connected. • Audio source not playing or outputting. • USB driver issue (for USB input).	• Verify the correct input switch is selected. • Increase headphone volume. • Check all cable connections (power, input, output). • Ensure your audio source is playing and its digital output is enabled. • For USB, try a different USB port or reinstall/update drivers if necessary.
Distorted or static sound.	• Poor cable connection. • Source audio quality issue. • Interference. • Faulty unit.	• Check all cable connections for looseness or damage. • Test with a different audio source or cable. • Ensure the unit is not placed too close to other electronic devices that may cause interference. • If the problem persists, contact customer support.
USB input not recognized by computer.	• USB cable issue. • Driver issue. • Computer port issue.	• Try a different USB cable. • Connect to a different USB port on your computer. • Check your computer's device manager for the DAC-X6 and update/reinstall drivers. • Ensure the USB input is selected on the DAC-X6.
Ticking sound or intermittent audio.	• USB handshake issue with source device. • Digital signal integrity issue.	• For USB, try restarting the audio playback application or the source device. • Ensure the digital audio source is stable and not experiencing dropouts. • Try a different digital input cable (Optical/Coaxial).

9. SPECIFICATIONS

- **Brand:** FX-Audio
- **Model:** DAC-X6
- **Input Interface:** USB, Optical, Coaxial
- **Output Interface:** 6.35mm Headphone Jack, RCA L/R Line Out
- **Channels:** 2
- **Power Supply:** DC 12V
- **Product Weight:** Approximately 2.2 pounds (1 kg)
- **UPC:** 686560909917, 612032784430

Note: Specifications are subject to change without notice for product improvement.

10. WARRANTY AND SUPPORT

FX-Audio products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for warranty claims.

© 2026 FX-Audio. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B01HERNVQQ>

More documents and user manuals: <https://manuals.plus/>