

## AIYIMA DP01

# AIYIMA DP01 Mini Digital Audio Player User Manual

Model: DP01

## 1. OVERVIEW

The AIYIMA DP01 is a compact digital audio player and preamplifier designed to deliver high-quality audio playback. It combines modern audio technology with a classic aesthetic, featuring a retro VU meter. The DP01 supports various digital audio formats and offers multiple input and output options for versatile integration into your audio system.



Figure 1: Front view of the AIYIMA DP01 Mini Digital Audio Player, showcasing the VU meter and OLED display.

## 2. PACKAGE CONTENTS

Please check the package carefully for the following items:

- AIYIMA DP01 Digital Audio Player
- 12V DC Power Adapter
- Remote Control (*Batteries not included*)
- 32GB SD Card
- User Manual

### 3. PRODUCT DIAGRAM

#### 3.1 Front Panel

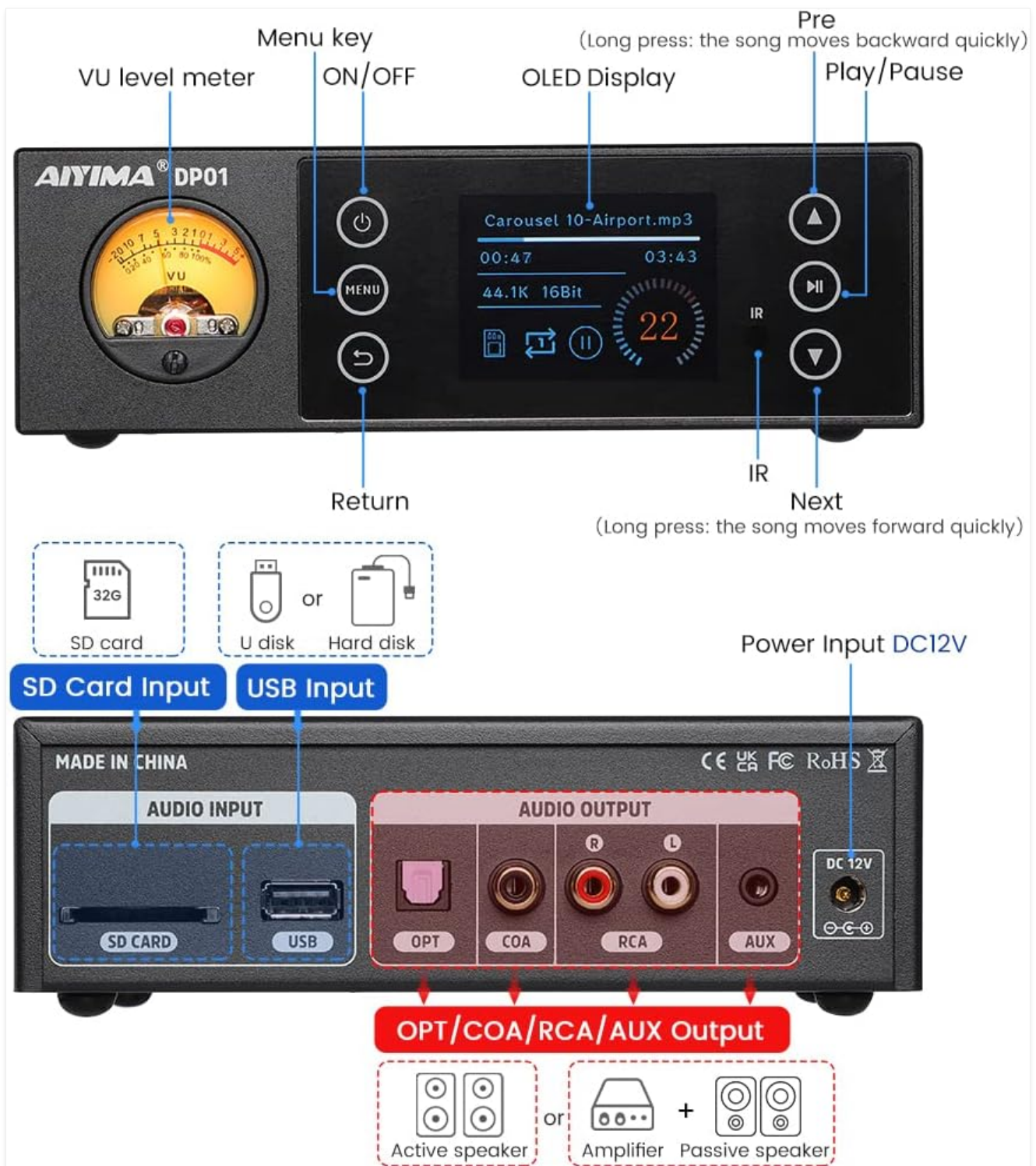


Figure 2: Front and rear panel layout with labeled controls and ports.

1. **VU Level Meter:** Displays audio signal levels.
2. **ON/OFF Button:** Powers the device on or off.
3. **MENU Button:** Accesses the device menu.
4. **OLED Display:** Shows playback information and menu options.
5. **Play/Pause Button:** Starts or pauses playback.
6. **Previous Track Button:** Navigates to the previous track. (Long press for fast reverse)
7. **Next Track Button:** Navigates to the next track. (Long press for fast forward)

8. **Return Button:** Navigates back in the menu or folder structure.

9. **IR Receiver:** For remote control signals.

### 3.2 Rear Panel



Figure 3: Rear panel showing input/output ports and device dimensions.

- **SD Card Input:** Slot for SD memory cards.
- **USB Input:** For connecting USB flash drives or external hard drives.
- **OPTICAL Output (OPT):** Digital optical audio output.
- **COAXIAL Output (COA):** Digital coaxial audio output.
- **RCA Output (RCA):** Analog stereo audio output (Left/Right).
- **AUX Output (AUX):** 3.5mm analog audio output.
- **DC 12V Power Input:** Connect the provided power adapter here.

## 4. SETUP

### 4.1 Power Connection

1. Ensure the DP01 is placed on a stable, flat surface.
2. Connect the provided 12V DC power adapter to the "DC 12V" input port on the rear panel of the DP01.
3. Plug the power adapter into a suitable wall outlet.



Figure 4: Connecting the 12V DC power adapter.

## 4.2 Audio Output Connection

Connect the DP01 to your amplifier, active speakers, or other audio receiving equipment using one of the following methods:

- **RCA Output:** Use an RCA cable to connect the DP01's RCA L/R outputs to the corresponding analog inputs on your amplifier or active speakers.
- **Optical Output (OPT):** Use an optical fiber cable to connect the DP01's OPT output to a digital optical input on your receiver or DAC.
- **Coaxial Output (COA):** Use a coaxial cable to connect the DP01's COA output to a digital coaxial input on your receiver or DAC.
- **AUX Output:** Use a 3.5mm audio cable to connect the DP01's AUX output to an auxiliary input on your audio system.



Figure 5: Connecting RCA audio cables to the DP01.



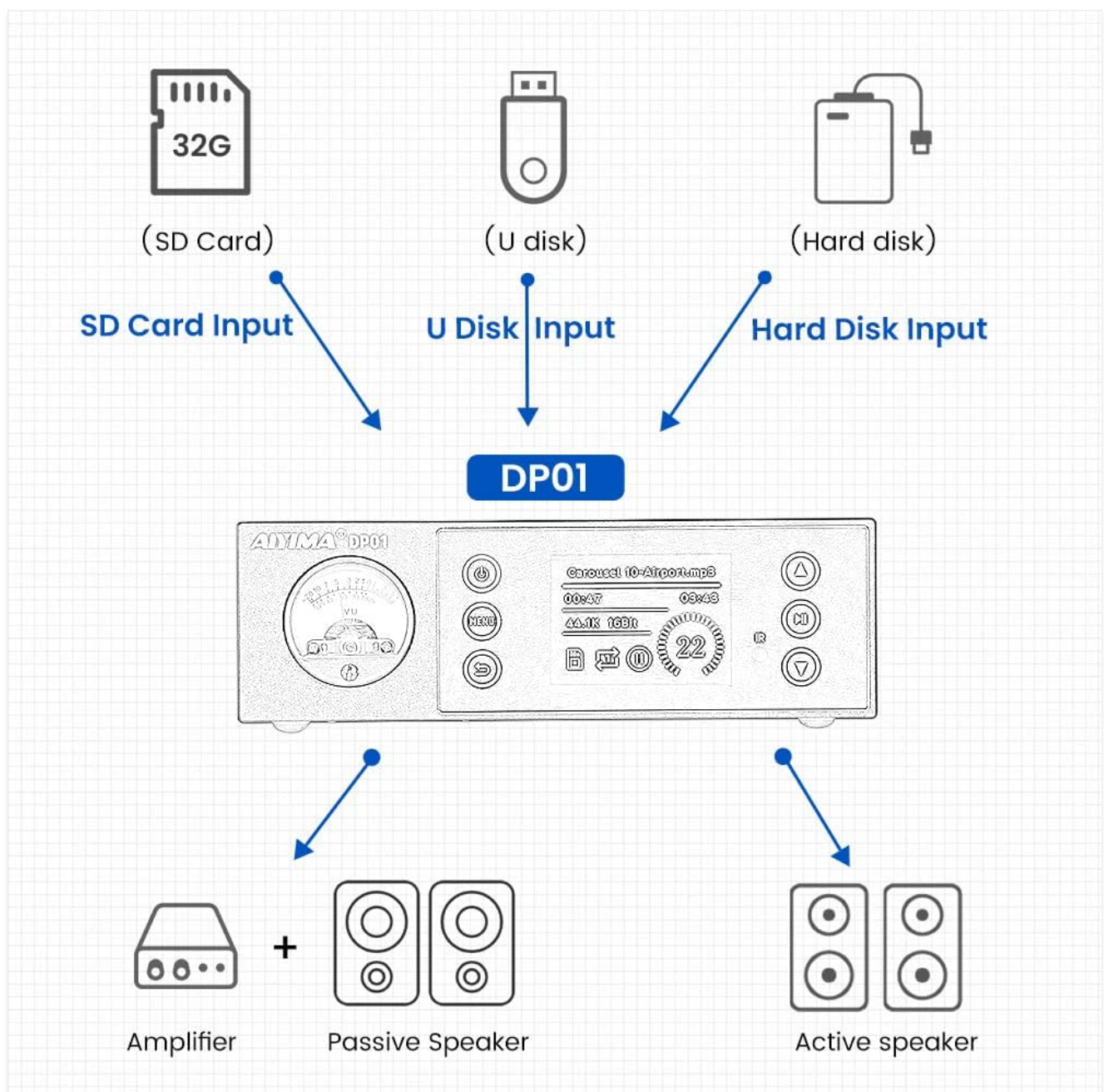


Figure 6: Diagram illustrating various input and output connections for the DP01.

### 4.3 Input Source Connection

The DP01 supports playback from SD cards, USB flash drives, and external hard drives.

- **SD Card:** Insert an SD card (up to 512GB) into the "SD CARD" slot on the rear panel.
- **USB Drive/Hard Disk:** Insert a USB flash drive or connect an external hard drive (up to 2TB) to the "USB" port on the rear panel.



Figure 7: Inserting an SD card and USB drive into the DP01.

## 5. OPERATION

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### 5.1 Basic Controls

1. **Power On/Off:** Press the **ON/OFF** button on the front panel to power the device.
2. **Menu Navigation:** Use the **MENU** button to enter the main menu. Use the **Previous/Next Track** buttons to navigate through options and the **Play/Pause** button to select. The **Return** button goes back.
3. **Playback:** Once a media source (SD card, USB drive) is inserted, the device will typically detect it. Navigate to your desired audio files using the menu and press **Play/Pause** to begin playback.



Figure 8: OLED display showing menu options like Volume, Input, Mode, VU, Bright, and Language.

### 5.2 Remote Control

The included remote control allows for convenient operation from a distance. Ensure batteries are inserted correctly (*not included*).

# Remote Control

Equipped with a compact and exquisite remote control, pure black and delicate craftsmanship, delicate touch and good feel  
Can receive signals over long distances and a wide range, respond quickly and are easy to use



Figure 9: The remote control provides convenient access to functions.

## 5.3 VU Meter Functionality

The retro VU meter dynamically displays the audio signal level. It can be configured to show internal signals (from playing media) or external signals (via microphone recording, if available in settings).





Figure 10: The dynamic VU level meter provides a visual representation of audio levels.

## 5.4 Setting Optical/Coaxial Output

To configure the digital optical or coaxial output, follow these steps:

1. Access the system settings. This can typically be done via the remote control's "Settings" button or by navigating through the device's menu.
2. Locate the "Sound" or "Output" settings.
3. Enable the "Optical / Coaxial output" mode.
4. If connected to a TV, ensure the TV's sound output is set to an external speaker or set the TV volume to zero to avoid conflicting audio.

### HOW TO SET TV OPT/COA OUTPUT?

## SET

Please Follow The Steps To Set: >

- 01** "Application" desktop-"Settings" or press the remote control [Settings] key-"System Settings"-"Sound"-optical / coaxial output mode-turn on.
- 02** After setting, if there is still have sound when playing TV, you can adjust the TV sound to 0 through the TV remote control.
- 03** If some TVs are equipped with external speakers, there will be no sound on the TV.

Figure 11: Steps for configuring Optical/Coaxial output settings.

## 6. SPECIFICATIONS



Feature	Detail
Brand	AIYIMA
Model Number	DP01
Supported Audio Formats	WAV (up to 32-bit/384kHz), ISO, DFF, DSF (up to DSD256), MP3, FLAC, APE, DTS
Digital Output	Coaxial, Optical S/PDIF (up to 24-bit/192kHz/DOP64)
Analog Output	RCA (L/R), AUX (3.5mm)
Input Sources	SD Card (up to 512GB), USB Disk/Hard Drive (up to 2TB)
Display	2.4-inch OLED Screen, Retro VU Meter
DAC Chip	AKM4499 ( <i>as per product description</i> )
Power Supply	DC 12V
Dimensions	164mm (L) x 106mm (W) x 50mm (H) / 6.45in (L) x 4.17in (W) x 1.96in (H)
Net Weight	640g

## 7. TROUBLESHOOTING

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- **No Power:**
  - Ensure the 12V DC power adapter is securely connected to the DP01 and a working power outlet.
  - Verify the power outlet is active.
- **No Sound Output:**
  - Check all audio cable connections between the DP01 and your amplifier/speakers.
  - Confirm the correct input source is selected on your amplifier/speakers.
  - If using digital outputs (Optical/Coaxial), ensure the output mode is enabled in the DP01's settings (refer to Section 5.4).
  - Adjust the volume on both the DP01 and your connected audio equipment.
- **Media Playback Issues (e.g., files not playing, incorrect order):**
  - Ensure your media files are in supported formats (WAV, FLAC, MP3, DSD, etc.).
  - Verify the SD card or USB drive is properly inserted and recognized by the device.
  - For file order, the device may sort files based on the order they were written to the storage medium rather than alphabetical order. Consider using a file sorting utility on your computer (e.g., FATSORT for Linux, Drive Sort for Windows) to arrange files on the storage device.
  - The DP01 may not support gapless playback for all formats, which can result in brief pauses between tracks.
- **Remote Control Not Working:**
  - Ensure batteries are correctly inserted and are not depleted.
  - Point the remote directly at the IR receiver on the front panel of the DP01.
  - Remove any obstructions between the remote and the DP01.

## 8. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the device to prevent overheating. Do not block ventilation openings.
- **Handling:** Handle the device with care to avoid physical damage.






## 9. SAFETY INFORMATION

- Do not expose the device to water, moisture, or excessive humidity.
- Avoid placing the device near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- Only use the power adapter provided with the device.
- Do not attempt to disassemble or modify the device. Refer all servicing to qualified personnel.
- Keep out of reach of children.

## 10. SUPPORT

For technical support or inquiries, please refer to the AIYIMA official website or contact your retailer. Please note that information regarding spare parts availability and software updates is not explicitly provided.

### Related Documents - DP01

	<a href="#">AIYIMA D03 Bluetooth 5.0 Amplifier User Manual - Specs &amp; Troubleshooting</a> Comprehensive user manual for the AIYIMA D03 Bluetooth 5.0 2.0/2.1-Channel Amplifier. Includes front/rear panel introductions, detailed specifications, and answers to common product questions and troubleshooting tips.
	<a href="#">AIYIMA D05 Bluetooth 5.0 Digital Amplifier User Manual   AIYIMA AUDIO</a> AIYIMA D05 Bluetooth 5.0 Digital Amplifier User Manual: Get detailed instructions on setup, operation, specifications, and troubleshooting for your AIYIMA D05 2.0/2.1 channel stereo HiFi amplifier. Covers front/rear panel layout, remote functions, PC-USB connectivity, sound settings, and FAQs.
	<a href="#">AIYIMA A07 2.0-Channel Power Amplifier User Manual</a> User manual for the AIYIMA A07 2.0-Channel Power Amplifier, detailing its features, specifications, connections, and operating instructions.
	<a href="#">AIYIMA A04 HiFi Digital Power Amplifier User Manual</a> User manual for the AIYIMA A04 HiFi Digital Power Amplifier, detailing front and rear panel introductions, specifications, and troubleshooting Q&A.
	<a href="#">AIYIMA A07 PRO Bluetooth 5.2 Amplifier User Manual</a> User manual for the AIYIMA A07 PRO amplifier, detailing its specifications, front and rear panel descriptions, and frequently asked questions. This HiFi Class D amplifier supports Bluetooth 5.2 and has a 2.0/2.1 channel output.



### [AIYIMA T8 Bluetooth 5.0 6N3 Headphone Preamplifier User Manual](#)

User manual for the AIYIMA T8 Bluetooth 5.0 6N3 Headphone Preamplifier, detailing its features, operation, specifications, and troubleshooting tips. Learn how to connect and use your AIYIMA T8 for optimal audio performance.