

## HiFi Network Streaming Decoder

Please read this manual carefully before use and keep it properly for future reference

### Product Description

The DP-01 is a high-performance lossless streaming music receiver, also known as a streaming bridge. It supports a wide range of network streaming protocols. When paired with a decoding device or headphone amplifier, it allows you to easily build a streaming Hi-Fi system and enjoy high-bitrate lossless streaming audio.

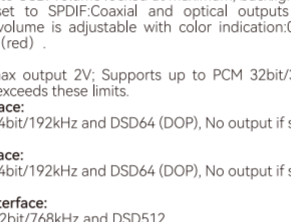
It supports up to PCM 32bit/768kHz and DSD512. The unit is equipped with a 1.9-inch high-definition color screen with a resolution of 170×320 pixels.

It can meet the connection requirements of various decoders, making it an ideal core front-end source for home audio systems.

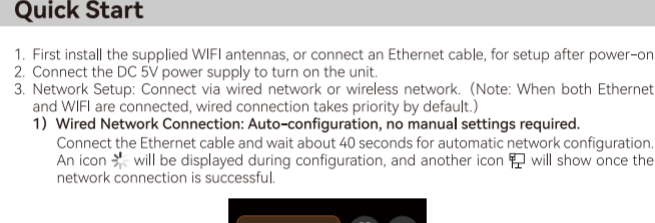
### Product Features

1. High-definition color screen, displaying the working status of the product in real time.
2. Support for both wired and wireless network connections.
3. Used XMOS XU316, supporting PCM up to 32bit/384kHz, DSD256 and MQA decoding.
4. CS43198 DAC chip, delivering outstanding technical parameters.
5. USB output supports up to PCM 32bit/768kHz and DSD512.
6. Coaxial and optical outputs support up to PCM 24bit/192kHz and DSD64 (DOP).
7. Adopts high-end Japanese ELNA SILMIC capacitors for audio coupling, providing transparent and sweet sound.
8. Support for local area network playback via network protocols such as UPnP.

### Main Interface Description



### Parts and Controls

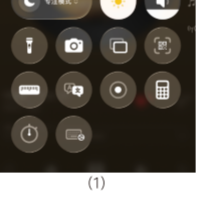


- ① **Power Switch:** Short press to turn on; long press for 3 seconds to turn off.
- ② **Power Indicator:**
  - (1) Solid bright when powered on and playing.
  - (2) Breathing effect when playback is paused.
  - (3) Dim when in standby; off when powered off.
- ③ **Display Screen**
- ④ **Knob & Combination Key:**
  - (1) Volume Adjustment: Rotate to increase or decrease LINE OUT volume.
  - (2) Output Channel Switch: Short press to switch between USB output and SPDIF output (coaxial, optical and LINE OUT output simultaneously).
  - (3) Long press to enter the menu. Rotate the knob to navigate up/down. Short press to enter submenus. Rotate to adjust values, short press to confirm. Long press to exit, or auto-exit after 5 seconds of inactivity.
- Knob Backlight:** Changes color according to volume level.
  - (1) When output is set to USB: volume locked at maximum, backlight shows red.
  - (2) When output is set to SPDIF: Coaxial and optical outputs are fixed at maximum volume. LINE OUT volume is adjustable with color indication: 0-35 (green), 36-70 (yellow), 71-100 (red).
- ④ **Line Out Interface:** Adjustable volume, max output 2V; Supports up to PCM 32bit/384kHz and DSD256; No output if sample rate exceeds these limits.
- ⑤ **Coaxial Output Interface:** Supports up to PCM 24bit/192kHz and DSD64 (DOP), No output if sample rate exceeds these limits.
- ⑥ **Optical Output Interface:** Supports up to PCM 24bit/192kHz and DSD64 (DOP), No output if sample rate exceeds these limits.
- ⑦ **USB Audio Output Interface:** Supports up to PCM 32bit/768kHz and DSD512.
- ⑧ **5V Port**
- ⑨ **DC 5V Input (Type-C)**
- ⑩ **DC 5V Output (Type-C)**
- ⑪ **WIFI Antenna Port (2.4G / 5G supported)**

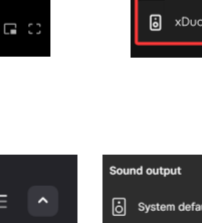
### Quick Start

1. First install the supplied WIFI antennas, or connect an Ethernet cable, for setup after power-on.
2. Connect the DC 5V power supply to the unit.
3. Network Setup: Connect via wired network or wireless network. (Note: When both Ethernet and WIFI are connected, wired connection takes priority by default.)

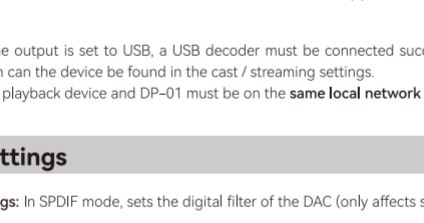
- 1) **Wired Network Connection: Auto-configuration, no manual settings required.** Connect the Ethernet cable and wait about 40 seconds for automatic network configuration. An icon will be displayed during configuration, and another icon will show once the network connection is successful.



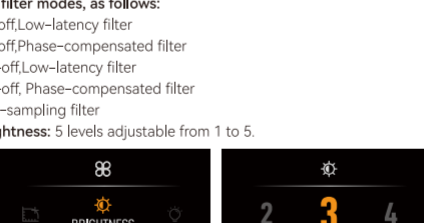
- 2) **WIFI Connection: Search for and configure wireless networks as follows:** After powering on, wait for about 1 minute. If the device cannot find any network, it will enter **network configuration mode** and display the interface below:



Open the WIFI settings on your computer or mobile phone, find the network "xDuoo-DP-01".

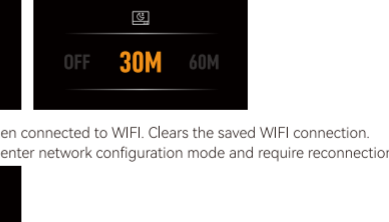


After connection, open your browser and enter **192.168.2.1** to access the WIFI configuration page. Select your target WIFI network, enter the password, and click **Save**. The device will then connect to the WIFI network.



**\*Note:** After DP-01 successfully connects to WIFI, the "xDuoo-DP-01" network that your phone/computer just connected to will be **automatically turned off**.

4. After the wired or wireless network connection is successful, you can start using the device. On your mobile phone, open mainstream music apps such as **Apple Music, Spotify, Tidal**, find the **cast / playback device icon**, select **xDuoo-DP-01** to start streaming. The casting location in each mainstream app is as follows:



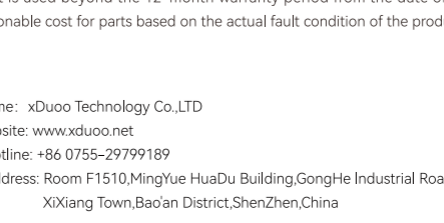
- Spotify:
  - (1) Screenshot of the Spotify interface with the 'Cast' icon circled.
  - (2) Screenshot of the 'Connect' screen with 'xDuoo-DP-01\_192.168.1.239' selected.

- Tidal:
  - (1) Screenshot of the Tidal interface with the 'Cast' icon circled.
  - (2) Screenshot of the 'Sound output' settings with 'xDuoo-DP-01\_192.168.1.239' selected.

**\*Notes:** 1. If the output is set to USB, a USB decoder must be connected successfully. Only then can the device be found in the cast / streaming settings.  
2. The playback device and DP-01 must be on the **same local network (LAN)**.

### Menu Settings

1. **Filter Settings:** In SPDIF mode, sets the digital filter of the DAC (only affects sound quality of LINE OUT).



- There are 5 filter modes, as follows:
  - ① Fast roll-off, Low-latency filter
  - ② Fast roll-off, Phase-compensated filter
  - ③ Slow roll-off, Low-latency filter
  - ④ Slow roll-off, Phase-compensated filter
  - ⑤ Non over-sampling filter

2. **Display Brightness:** 5 levels adjustable from 1 to 5.



3. **Auto Screen Off Time:** OFF, 15S, 30S, 1M, 2M, 5M.



4. **Auto Power Off:** The unit will automatically power off when no playback / no operation is detected.
 

Options: OFF, 10m, 20m, 30m, 1H, 2H.



5. **Sleep Timer:** Forces shutdown after the set time.
 

Options: OFF, 30m, 1H, 1.5H, 2H, 3H.



6. **WIFI Clear:** Only available when connected to WIFI. Clears the saved WIFI connection. After clearing, the device will enter network configuration mode and require reconnection.



7. **Factory Reset**
8. **View Version Information**



### Parameters

Digital Audio Output	
USB DAC OUT	Max. Support: 16-32bit/44.1k-768kHz
	Max. Support: 1bit/2.82M-22.56MHz (Native)
Coaxial Out	Max. Support: 192kHz/24bit; DSD64 (D2P/DOP)
Optical Out	Max. Support: 192kHz/24bit; DSD64 (D2P/DOP)

<b>Line Out Parameters:</b> Output level: 2.0Vrms THD+N: 0.0003%@1kHz SNR: 127dB Crosstalk: ≥118dB	<b>Power Supply:</b> DC5V/2A Size: 12x7.8x4.0CM Weight: 0.35KG
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### Accessories

1. User Manual 1PC
2. Warranty card 1PC
3. Type-C Cable 1PC
4. WIFI Antenna 1PC

### Warranty Information

Our product is provided with a **12-month free warranty service** starting from the date of sale. If the product is used beyond the 12-month warranty period from the date of sale, we will charge a reasonable cost for parts based on the actual fault condition of the product.

Company Name: xDuoo Technology Co.,LTD  
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