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> xDuo X2S Hi-Res Lossless Music Player User Manual

## xDuo X2S

# xDuo X2S Hi-Res Lossless Music Player User Manual

Model: X2S

## 1. INTRODUCTION

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Thank you for choosing the xDuo X2S Hi-Res Lossless Music Player. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and longevity of your player.



**Put the entire music world into your pocket**

**>6000 FLAC, >3000 WAV, 400 hours**

**TF/Micro SD**  
(Max 128GB)

- ✓ Supports up to 128GB storage expansion
- ✓ Store over 6000 lossless songs
- ✓ Playing continuously for 400 hours without repetition
- ✓ Enough to accompany you on a long music journey without worrying about space

RESET

The advertisement features a dark background with white and yellow text. It includes an image of a TF/Micro SD card, a white box with the text 'TF/Micro SD (Max 128GB)', and a photograph of the xDuo X2S music player showing the card slot and a 'RESET' button.

Figure 1.1: xDuo X2S Hi-Res Lossless Music Player

## 2. SAFETY INFORMATION

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- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not disassemble or attempt to repair the device yourself. Contact authorized service personnel.
- Use only the specified charging voltage (5V/1A) to prevent damage.
- Listen at moderate volume levels to protect your hearing.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 × xDuo X2S portable music player
- 1 × USB Type-C charging cable
- 1 × User Manual

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the components and controls of your xDuo X2S player.



**Figure 4.1:** xDuo X2S Player Components Diagram

1. 3.5mm Phone out
2. Card Slot: Insert SD card, maximum support 128GB card (This unit does not have internal memory, a TF card is required to play songs)
3. Reset: To forcibly shut down the unit if it crashes or becomes unresponsive, press the RESET button.
4. USB in: Type-C port, used for connecting to a computer to copy songs or files, and for charging.
5. Power on/off: Long-press to turn the device on or off. Short-press to turn the screen on or off.
6. Volume +: Short press to increase the volume incrementally. Long press to increase volume quickly. The maximum volume level is 31.
7. Volume -: Short press to decrease the volume incrementally. Long press to decrease volume quickly.
8. Prev: Short press for the previous track. Long press for fast reverse.
9. Next: Short press for the next track. Long press for fast forward.
10. Play/Pause: Short press to play or pause.
11. Menu/Back: Short press to return to the previous menu.



**Figure 4.2:** Top Panel with Power Button and USB-C Port

# HD OLED Screen

Adopt 0.96 inch OLED screen  
Small size, low power consumption, high contrast

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Figure 4.3: 0.96-inch OLED Screen Display

The player supports the common DFF, DSF, DSD, APE, FLAC, ALAC, WAV, AIFF, ACC, MP3, WMA formats, Maximum support PCM 24Bit/192K, DSD128HD lossless music.

**Support a variety of music formats**



**Figure 4.4:** Back Panel of xDuo X2S

# Small and Exquisite

## Easy competent in any sport



Figure 4.5: xDuo X2S Physical Dimensions

## 5. SETUP

### 5.1 Charging the Device

Before first use, fully charge the xDuo X2S. Connect the provided USB Type-C cable to the player's USB-C port and the other end to a 5V/1A USB power adapter (not included) or a computer's USB port. The device charges in approximately 2 hours and provides over 10 hours of playback time.

### 5.2 Inserting a Micro SD Card

The xDuo X2S does not have internal storage. A Micro SD (TF) card is required to store and play music files. The player supports Micro SD cards up to 128GB.

1. Locate the Micro SD card slot on the side of the player (labeled '2' in Figure 4.1).
2. Insert the Micro SD card into the slot with the gold contacts facing down until it clicks into place.
3. To remove the card, gently push it in until it clicks, then release, and it will eject.



Figure 5.1: Micro SD Card Insertion

## 5.3 Connecting Headphones

Connect your headphones to the 3.5mm audio output jack on the player (labeled '1' in Figure 4.1).

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off and Screen Control

- **Power On/Off:** Long-press the Power button (labeled '5' in Figure 4.1) to turn the device on or off.
- **Screen On/Off:** Short-press the Power button to turn the screen on or off while the device is powered on.

### 6.2 Basic Navigation

- **Menu/Back:** Short-press the Menu/Back button (labeled '11' in Figure 4.1) to return to the previous menu or navigate through options.
- **Play/Pause:** Short-press the Play/Pause button (labeled '10' in Figure 4.1) to play or pause the current track.
- **Previous/Fast Reverse:** Short-press the 'Prev' button (labeled '8' in Figure 4.1) for the previous track. Long-press for fast reverse.
- **Next/Fast Forward:** Short-press the 'Next' button (labeled '9' in Figure 4.1) for the next track. Long-press for fast forward.

## 6.3 Volume Control

- **Volume +:** Short-press the Volume + button (labeled '6' in Figure 4.1) to increase volume incrementally. Long-press to increase volume quickly. Maximum volume is 31.
- **Volume -:** Short-press the Volume - button (labeled '7' in Figure 4.1) to decrease volume incrementally. Long-press to decrease volume quickly.

## 6.4 Music Playback and File Management

Once a Micro SD card with music files is inserted, the player will scan for playable content. Navigate through folders and select tracks using the navigation buttons.

To transfer music files from a computer, connect the xDuo X2S to your computer using the USB Type-C cable. The player will appear as a removable storage device, allowing you to drag and drop files to the Micro SD card.



Figure 6.1: Powerful Audio Output with Headphones

## 6.5 EQ Adjustment

The xDuo X2S features a 6-band dynamic EQ adjustment with a gain control range of  $\pm 12\text{dB}$ . This allows you to fine-tune frequency responses to match your listening preferences or compensate for headphone characteristics.

PROTECTIVE CONTAINMENT

# EQ Adjustment

6-band dynamic adjustment with a gain control range of  $\pm 12\text{dB}$ , allowing you to fine-tune each music frequency band, alleviating the lack of earphone frequency response, and making music more suitable for your listening.

and making music more suitable for your listening preferences.

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Figure 6.2: EQ Adjustment Interface

## 6.6 Supported Audio Formats

The player supports a wide range of audio formats, including DSD64-DSD128 (DFF, DSF), APE (16-24bit/44.1-96kHz), FLAC (16-24bit/44.1-192kHz), WAV (16-24bit/44.1-192kHz), AIFF (16-24bit/44.1-192kHz), WMA, MP3, AAC, and OGG.

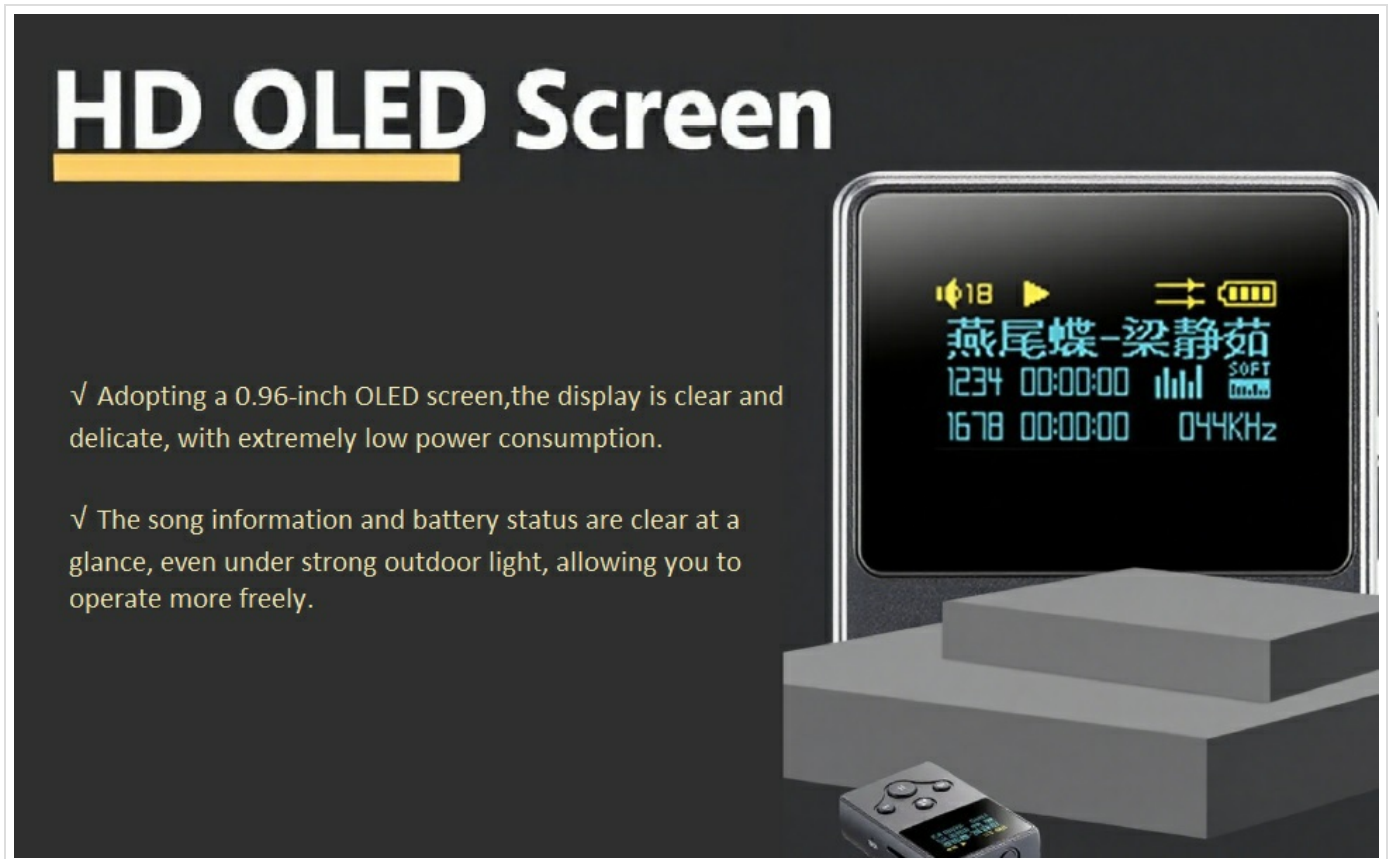


Figure 6.3: Supported Music Formats

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the player in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted.	Charge the device for at least 30 minutes.
No sound from headphones.	Volume is too low or muted. Headphones not properly connected. Corrupt audio file.	Increase volume. Ensure headphones are fully plugged in. Try a different audio file or headphones.
Device freezes or becomes unresponsive.	Software glitch.	Use a thin object (like a paperclip) to press the RESET button (labeled '3' in Figure 4.1) to force a restart.
Cannot detect Micro SD card.	Card not inserted correctly. Card is corrupted or unsupported.	Reinsert the card. Try a different, known-good Micro SD card. Ensure card is formatted correctly (FAT32 or exFAT).

## 9. SPECIFICATIONS

# MAIN PARAMETERS

Power Supply: Built-in 3.7V/800mAH battery  
Charging Specification: 5V/1A  
Card Support: support up to 128G TF/Micro SD card  
Output Power: 250mW (32Ω load)  
Support Format:

DSD: DSD64-DSD128 (DFF, DSF)  
APE: 16-24bit/44.1-96khz  
FLAC: 16-24bit/44.1-192khz  
WAV: 16-24bit/44.1-192khz  
AIFF: 16-24bit/44.1-192khz  
WMA, MP3, AAC, OGG

Frequency Response: 20Hz~20KHz(±0.5dB)  
Gain: +6dB  
THD+N: 0.003% (1KHz)  
S/N: 108dB  
Adaptation headphone impedance: 16Ω~300Ω  
Battery Life:> 10H  
Charging time: <2H  
Size: 6.3\*4.0\*1.5cm  
Weight: 50g



Figure 9.1: Main Parameters

- **Power Supply:** Built-in 3.7V/800mAh battery
- **Charging Specification:** 5V/1A
- **Card Support:** Up to 128GB TF/Micro SD card
- **Output Power:** 250mW (32Ω load)
- **Support Format:**
  - DSD: DSD64-DSD128 (DFF, DSF)
  - APE: 16-24bit/44.1-96kHz
  - FLAC: 16-24bit/44.1-192kHz
  - WAV: 16-24bit/44.1-192kHz
  - AIFF: 16-24bit/44.1-192kHz
  - WMA, MP3, AAC, OGG
- **Frequency Response:** 20Hz~20KHz (±0.5dB)
- **Gain:** +6dB
- **THD+N:** 0.003% (1KHz)
- **S/N:** 108dB
- **Adaptation Headphone Impedance:** 16Ω~300Ω
- **Battery Life:** > 10H
- **Charging Time:** < 2H
- **Dimensions:** 6.3 × 4.0 × 1.5 cm
- **Weight:** 50g

## 10. WARRANTY AND SUPPORT

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The xDuo X2S Hi-Res Lossless Music Player comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or contact your retailer.

For technical support, troubleshooting assistance, or service inquiries, please contact xDuo customer support through their official website or the retailer where you purchased the product. Please have your product model and serial number ready when contacting support.