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› [Hidizs](#) /

› [HIDIZS AP80 Pro-X MP3 Player User Manual](#)

Hidizs AP80 PRO-X

HIDIZS AP80 Pro-X MP3 Player User Manual

Model: AP80 PRO-X

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your HIDIZS AP80 Pro-X MP3 Player. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The HIDIZS AP80 Pro-X is a high-resolution portable music player designed for exceptional audio quality and versatile functionality.

Key Features:

- Dual ESS9219C DACs:** Delivers pristine sound with high dynamic range and low distortion.
- FPGA-driven Native DSD256 Decoding:** Ensures bit-perfect audio accuracy.
- MQA Final 8X Unfolding:** Provides studio-grade lossless audio.
- Bi-directional Bluetooth 4.2:** Supports UAT, LDAC, and CSR aptX for high-quality wireless audio transmission and reception.
- Multi-functional Capabilities:** Includes a step counter and e-book function.
- USB DAC Functionality:** Enhances audio quality for computers and mobile devices.
- CNC-milled Aluminum Unibody:** Durable and compact design with a Japanese ALPS volume wheel.
- Long Battery Life:** Up to 40-day standby and 8-11 hours playback.

Included Components:

- HIDIZS AP80 Pro-X MP3 Player
- Screen Protector (x2)

- Type-C Cable
- Type-C to Type-C OTG Cable
- User Manual
- Warranty Card



Figure 2.1: Front and back view of the HIDIZS AP80 Pro-X MP3 Player.

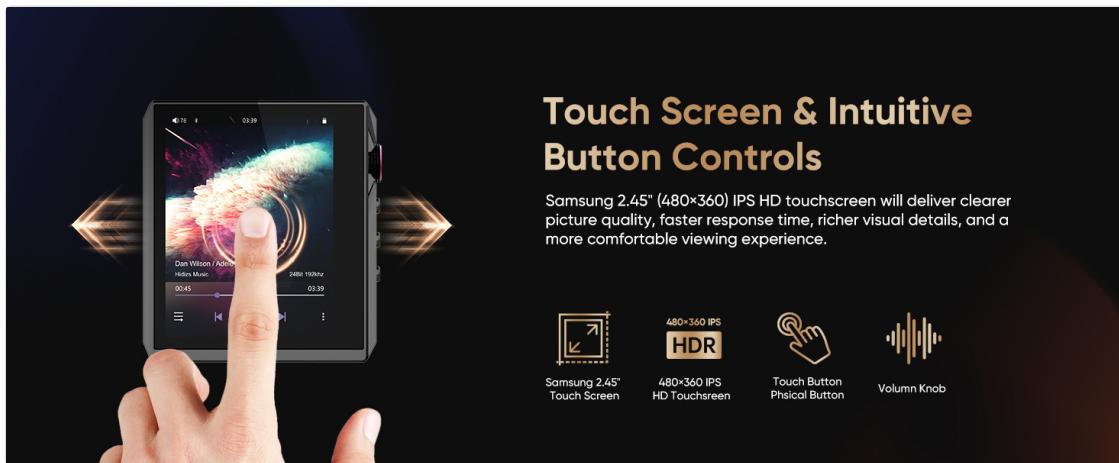


Figure 2.2: Aluminum Alloy CNC Integration Design of the AP80 Pro-X, highlighting its compact size and robust build.



Figure 2.3: All items included in the HIDIZS AP80 Pro-X retail package.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the device using the provided Type-C cable and a compatible USB power adapter (not included). The battery indicator on the screen will show charging status.

3.2 Inserting a Micro SD Card

The AP80 Pro-X supports Micro SD cards up to 512GB (and potentially 1TB as per user reviews). Locate the Micro SD card slot on the side of the device. Gently insert the card until it clicks into place. To remove, push the card in slightly until it springs out.

Expandable Storage for Endless Music

With a built-in Micro SD card supporting up to 512GB,
enjoy limitless music on the go.



Figure 3.1: The Micro SD card slot on the AP80 Pro-X, illustrating expandable storage for music.

3.3 Power On/Off

Press and hold the power button (usually located on the side) for a few seconds to turn the device on or off. A short press will toggle the screen on/off.

4. OPERATING INSTRUCTIONS

4.1 Basic Navigation and Controls

The AP80 Pro-X features a Samsung 2.45" IPS HD touchscreen and physical buttons for navigation and control.

- **Touchscreen:** Navigate menus and select options by tapping and swiping.
- **ALPS Volume Wheel:** Rotate to adjust volume.
- **Physical Buttons:** Dedicated buttons for Play/Pause, Next/Fast-forward, and Previous/Rewind.



Figure 4.1: The 2.45-inch IPS HD touchscreen and physical control buttons on the AP80 Pro-X.



Figure 4.2: Detail of the ALPS volume wheel and playback control buttons.

4.2 Audio Playback

The AP80 Pro-X supports a wide range of audio formats, including MQA 8X, LDAC, apt-X, AAC, USB DAC, DSD256, WAV (84kHz/32bit), APE (96kHz/24bit), FLAC (384kHz/32bit), MP3 (384kHz/320kbps), WMA (384kHz/32bit), AIFF (384kHz/32bit), and OGG (48kHz/16bit).



Figure 4.3: Visual representation of the various audio file formats supported by the AP80 Pro-X.

4.3 Bluetooth Connectivity

The device features bi-directional Bluetooth 4.2, allowing it to act as both a Bluetooth audio source and a Bluetooth DAC amplifier.

- **Connecting to Bluetooth Headphones/Speakers:** Navigate to the Bluetooth settings, enable Bluetooth, and pair with your desired device.
- **Using as a Bluetooth DAC:** Connect your smartphone to the AP80 Pro-X via Bluetooth to use the player's DAC for enhanced audio output.



Figure 4.4: The AP80 Pro-X's two-way Bluetooth 4.2 functionality, connecting to various devices.

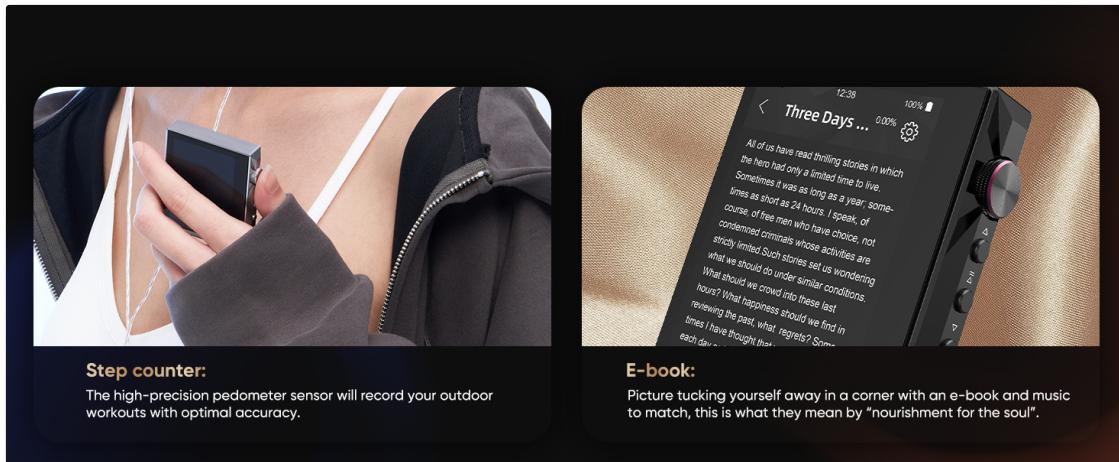


Figure 4.5: Illustration of streaming lossless audio from a smartphone to the AP80 Pro-X, and playing downloaded audio from the AP80 Pro-X via Bluetooth.

4.4 USB DAC Functionality

Connect the AP80 Pro-X to your computer (macOS 10.7+, iPadOS, Windows XP/7/8/10 and newer systems) or mobile phone using the provided Type-C cable to use it as an external DAC for improved audio quality.



Figure 4.6: The AP80 Pro-X functioning as a bidirectional USB DAC, enhancing audio for mobile and PC devices.

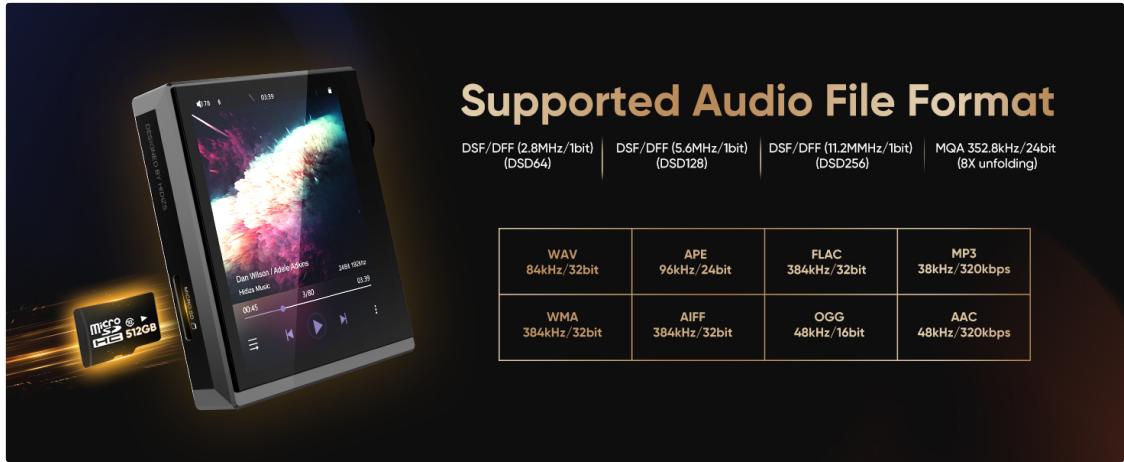


Figure 4.7: The AP80 Pro-X connected as a powerful external DAC AMP to a phone and PC, compatible with various operating systems.

4.5 HiBy Link and MSEB Tuning

Utilize the HiBy Link feature for remote control, playlist management, cover synchronization, and advanced MSEB (Mage Sound 8-Ball) sound tuning directly from your smartphone.

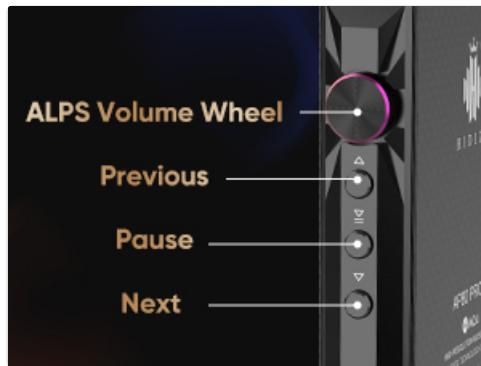


Figure 4.8: HiBy Link allows remote control and management of the AP80 Pro-X from a smartphone.

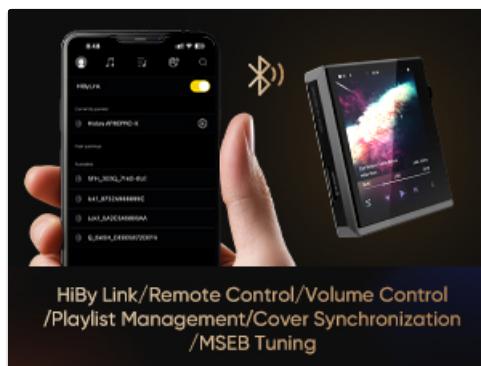


Figure 4.9: The MSEB tuning interface for customizing sound profiles.

4.6 Special Features: Step Counter & E-book

The AP80 Pro-X includes a built-in step counter for tracking workouts and an e-book reader for convenient reading.



Figure 4.10: The AP80 Pro-X's integrated step counter and e-book reader.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Store in a cool, dry place when not in use for extended periods.
- **Screen Protection:** Apply the provided screen protectors to prevent scratches.
- **Storage:** Keep the device away from extreme temperatures, direct sunlight, and moisture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; device frozen	Charge the device; perform a hard reset (refer to manufacturer's website for specific instructions).
No sound output	Volume too low; headphones not connected properly; incorrect output mode selected	Increase volume; re-insert headphones; check output settings (e.g., balanced vs. single-ended).
Bluetooth connectivity issues	Bluetooth disabled; device out of range; interference	Ensure Bluetooth is enabled; move closer to the paired device; restart both devices.
Music files not recognized	Unsupported file format; corrupted file; Micro SD card issue	Check supported formats; re-transfer files; reformat or replace Micro SD card.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact HIDIZS customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	AP80 PRO-X
DAC Chips	Dual ESS9219C
DSD Decoding	DSD256 Native Decoding
MQA Support	MQA Final 8X Unfolding
Bluetooth Version	4.2 (Bi-Directional)
Bluetooth Codecs	UAT, LDAC, CSR aptX
Screen Size	2.45 Inches IPS HD Touchscreen
Memory Storage Capacity	Expandable via Micro SD (up to 512 GB officially, 1TB reported)
Battery	1 Lithium Polymer (included)
Playback Time	8-11 hours
Standby Time	40 days
Connectivity Technology	Bluetooth, USB Port, Mobile Phone USB Decode
Compatible Devices	Computers, cars, cellphones, tablets, IEMs
Item Weight	2.54 ounces
Package Dimensions	5 x 3.74 x 1.85 inches

8. WARRANTY AND SUPPORT

Your HIDIZS AP80 Pro-X MP3 Player comes with a warranty. Please refer to the included Warranty Card for details on coverage and terms. For technical support, product inquiries, or service, please visit the official HIDIZS website or contact their customer service.

Official HIDIZS Store: [Visit the Hidizs Store](#)

9. RELATED VIDEOS

HIDIZS AP80 PRO-X Music Player Appearance Display

This video provides a visual overview of the HIDIZS AP80 Pro-X music player, showcasing its design and physical features.

HiFi MP3 Player

This video demonstrates general features and capabilities of a HiFi MP3 player, which may be applicable to the AP80 Pro-X.

Oilsky Hi-Res Audio Player G88

This video showcases features of another Hi-Res audio player, providing context for similar functionalities found in the AP80 Pro-X.

Related Documents - AP80 PRO-X

	<p>Hidizs AP80 PRO-X User Manual Comprehensive user manual for the Hidizs AP80 PRO-X portable lossless music player, covering features, operation, specifications, and support.</p>
	<p>Hidizs S9 Hi-Res DAC/Amplifier: User Manual & Features Comprehensive user manual and technical overview for the Hidizs S9 Hi-Res certified HiFi decoding amplifier. Learn about setup, features, precautions, and warranty.</p>
	<p>HiBy R3 Pro User Manual: Portable Hi-Fi Lossless Audio Player User guide for the HiBy R3 Pro, a high-fidelity portable digital audio player supporting a wide range of lossless and lossy audio formats including MQA, DSD, FLAC, and WAV. Learn about its advanced features like WiFi, Bluetooth 5.0, USB DAC functionality, and HiByLink app control.</p>
	<p>Phinistec Z6 Pro Audio Player User Manual User manual for the Phinistec Z6 Pro high-resolution digital audio player. Covers features like DSD256 decoding, lossless audio support, Bluetooth, controls, specifications, and FAQs.</p>
	<p>S.M.S.L SU-X User Manual: High-Resolution Audio DAC with MQA and Bluetooth Comprehensive user manual for the S.M.S.L SU-X, a high-resolution digital-to-analog converter (DAC) featuring MQA decoding, advanced Bluetooth connectivity, and premium audio components. Learn about features, specifications, setup, and operation.</p>