



PAW S3

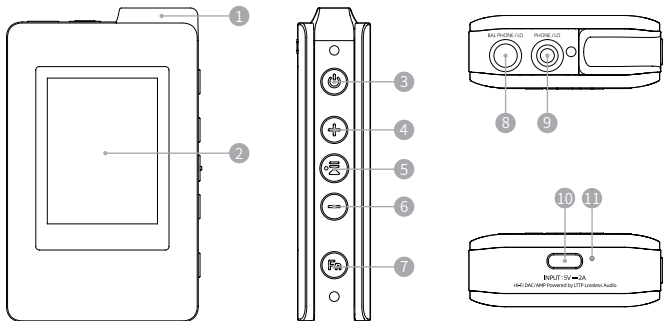
Hi-Fi DAC/AMP Powered by LTTP Lossless Audio

使用简介
Quick Guide

Package Content

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Appearance



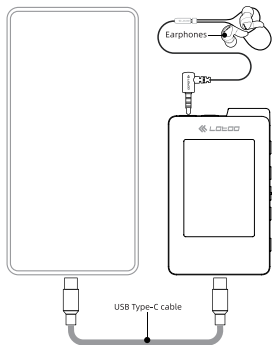
1	Antenna	7	Fn
2	Screen	8	4.4mm balanced Line/Headphone output
3	Power / Screen lock	9	3.5mm unbalanced Line/headphone output
4	Volume +	10	USB Type-C
5	Play/pause	11	Reset switch
6	Volume -		

Connection

The device supports both wired and LTTP wireless connections, depending on the "Working Mode" setting.

Working Mode - DAC (Wired Connection)

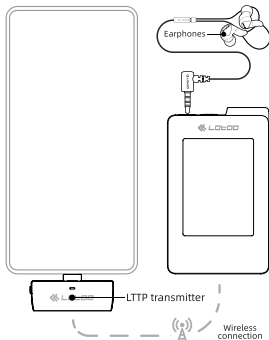
When this mode is selected, the PAW S3 will be configured as a DAC decoder.



1. After properly connecting the USB cable, the +/- buttons are used to adjust the volume by default.
2. Press the Fn button to enter the menu for selecting output sound parameters; use the +/- buttons to switch between different parameter options.
3. After a period of no button presses, the system will automatically return to the main interface.

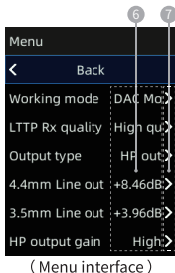
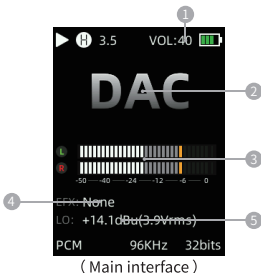
Working Mode - LTTP Receiver

When this mode is selected, the PAW S3 will be configured as an LTTP receiver.



In this mode, using a device that supports LTTP transmission (such as the Lotoo WT-1, WT-2, etc.), you can scan and pair with the LTTP transmitter via the unit. Once successfully connected, the PAW S3 will receive digital audio signals from the transmitter and output the audio signal through the unit's headphone output or line output port.

Screen Display



1	Current volume
2	Current mode
3	Current level meter
4	Current sound effect
5	Current output level
6	Currently selected item
7	Other menu options

Function Operations

1.Power on :

When the PAW S3 is powered off, long press the "Lock/Power" button to turn it on. When the PAW S3 is powered on, short press the "Lock/Power" button to activate or turn off the display.

It is recommended to turn off the display when listening to music for extended periods to extend the battery life of the PAW S3.

2.Power off :

Long press the "Lock/Power" button to turn off the device.

3.Adjusting volume:

After powering on, short press the "+" or "-" button to adjust the current output volume.

4.Menu navigation:

Long press the "Fn" button to enter the menu interface. In this interface, use the "+" or "-" button to scroll up/down through menu items. Press the "Play/Pause" button to enter a submenu or change a parameter. When "Back" is highlighted at the top, press the "Play/Pause" button to step back to the main interface.

5.Screen timeout and wake-up:

If no operation is performed for a period of time, the screen will be automatically turned off. Press the "Power" button once to unlock and turn on the screen before you can operate the device.

Menu List

Underline indicates factory default.

Working Mode	<u>USB DAC</u>	Screen Off	<u>OFF</u> /10s/30s/60s
	LTPP Receiver: Receiver Settings	Auto Power Off	<u>OFF</u> /30s/60s/3min
LTPP Reception Quality	<u>High Quality</u> /Low Latency	Language	English / 简体中文
Output Type	Headphone Output/Line Output	Headphone Output Gain	<u>Over-Ear</u> / High / Medium / Low
Line Output Level	+0.1dBu(0.8Vrms)/ +4.1 dBu(1.2Vrms)/ +14.1 dBu(3.9Vrms)/ +21.2 dBu(8.9Vrms)/Variable	EFX	<u>None</u> / Movie / Game / Radio / Vinyl LP / Cassette / Dental / Near Field / Far Field / ACG -1 / Headphone / Rock / Pop /Classic

Fiemware Upgrade

- Please ensure the device battery level is above 20% before upgrading. If the battery level is below 20%, charge the device first before proceeding with the system upgrade.
- 1.when the PAW S3 is powered off, press and hold both the “Power” button and the “Fn” button simultaneously to enter the upgrade interface. Then connect the device to a PC or Mac via a USB cable.
 - 2.Copy the firmware file “PAW S3.COE” to the root directory of the newly popped-up removable disk.
 - 3.When “successful” appears on the PAW S3 screen, the upgrade is complete.
 - 4.After a successful upgrade, power on the device again to use the new firmware.

Specifications

General Specification

Material	Stainless steel	Processor	ADI Blackfin BF706 DSP
Dimensions	87 × 55 × 21 mm (D × W × H, Body)	Display	2.0-inch IPS screen (240 × 320)
Weight	180g	DAC Chip	AK4493SEQ
Headphone Amp Chip	OPA1622 x 4	Sample Rate	DSD256 / PCM 768KHz
Wireless Audio	LTTP (Lotoo tele-transport protocol)	Headphone / Line Output	3.5 mm (unbalanced) 4.4 mm (balanced)
Firmware Upgrade	Supported	USB Interface	USB Type-C DAC
Power Supply	USB Type-C 5V/1.5A	Battery	3.8V/3300mAh

Audio Specifications (Balanced Headphone Output – 4.4mm)

Maximum Output Level	+15.2dBu (S mode)	Channel Separation	126dB
Maximum Output Power	550 mW per channel (into 32 Ω load)	Frequency Response	+0.005/-0.25 dB (20~20kHz)
Signal-to-Noise Ratio (SNR)	126dB @ 1kHz (20~20kHz, A-W)		
THD+N	0.0004% @ 1kHz (20~20kHz, A-W)	Minimum Noise Floor	1.0uV

Audio Specifications (Single-Ended Headphone Output – 3.5mm)

Maximum Output Level	+11.5dBu (S mode)	Channel Separation	118dB
Maximum Output Power	250mW per channel (into 32 Ω load)	Frequency Response	+0.005/-0.41 dB (20~20kHz)
Signal-to-Noise Ratio (SNR)	125dB @ 1kHz (20~20kHz, A-W)		
THD+N	0.0004% @ 1kHz (20~20kHz, A-W)	Minimum Noise Floor	0.7uV

Audio Specifications (Balanced Line Output – 4.4mm)

Maximum Output Level	+15.2dBu/4.5Vrms	Channel Separation	126dB
Signal-to-Noise Ratio (SNR)	126dB @ 1kHz (20~20kHz, A-W)	Frequency Response	+0.005/-0.25 dB (20~20kHz)
THD+N	0.0004% @ 1kHz (20~20kHz, A-W)	Channel Separation	126dB

Audio Specifications (Single-Ended Line Output – 3.5mm)

Maximum Output Level	+11.5dBu/2.9Vrms	Channel Separation	118dB
Signal-to-Noise Ratio (SNR)	125dB @ 1kHz (20~20kHz, A-W)	Frequency Response	+0.005/-0.41 dB (20~20kHz)
THD+N	0.0004% @ 1kHz (20~20kHz, A-W)		

Warranty Instructions

1. Warranty Period

The manufacturer provides a 12-month limited warranty starting from the date of delivery or sale of the product.

2. Return, Replacement, and Repair Policy

Under normal operation and proper use in accordance with this manual, if any fault occurs and the device has not been disassembled:

- Within 15 days of purchase: the product may be eligible for return, replacement, or repair.
- Within 16 to 30 days of purchase: the product may be eligible for replacement or repair.
- The main device carries a 12-month warranty, while the USB cable is covered for 3 months.

3. Scope of Warranty

The warranty covers failures of normal functions and technical performance caused by product quality issues.

It does not cover:

- Normal wear and tear or cosmetic damage to the product or packaging.
- Damage caused by human error, accidents, or use with incompatible devices.

4. Conditions Excluded from Free Warranty Service

If any of the following situations occur within the warranty period, repair services may still be provided, but the cost of parts, components, and accessories will be borne by the customer:

- 1) Damage caused by misuse, operation under abnormal conditions, violation of instructions, dropping, or impact.
- 2) Unauthorized disassembly, repair, or modification by the user, or service by an unauthorized third party.
- 3) Damage caused by force majeure events such as flood, fire, earthquake, or lightning.

5. After-Sales Service

The official provider of after-sales service for Lotoo products is: Beijing Infomedia Electronic Technology Co., Ltd

北京英夫美迪电子技术有限公司

Beijing Infomedia Electronic Technology Co.,Ltd.

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