Honey H1

An expedition in pursuit of supreme audio experience

The High Resolution Digital Audio Player

Designed by DETHONRAY® Inc.

Revision history:

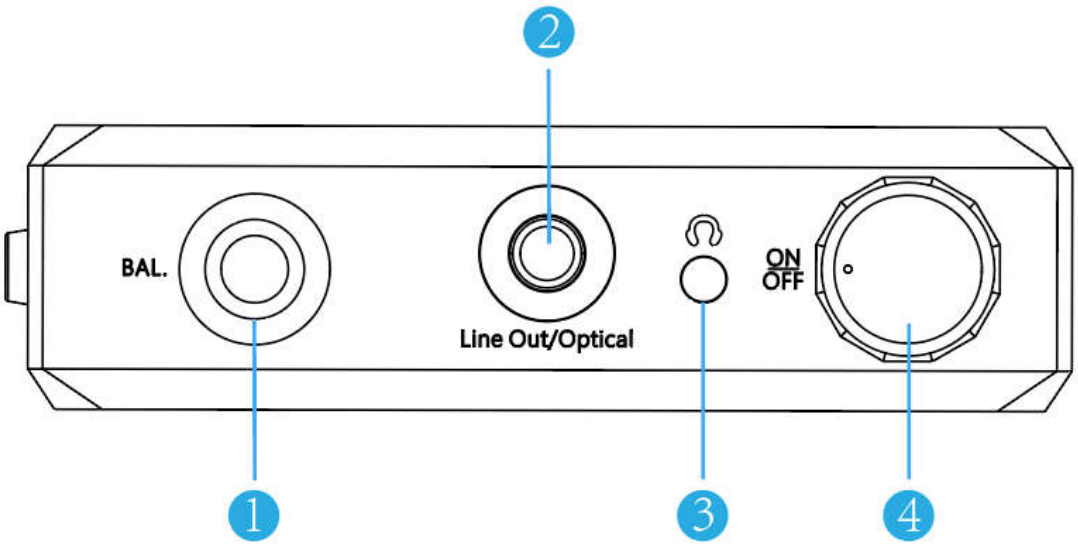
Version	Release date	Description	Author
V1.0	Jun 19th, 2021		Sh.Lin

Our team are tech and sound geeks like you. DETHONRAY®innovates and pursue in excellence of fidelity while balancing user experience and perceived replay quality, forging true Hi-Fi quality hardware and GUI with natural, high fidelity tuning.

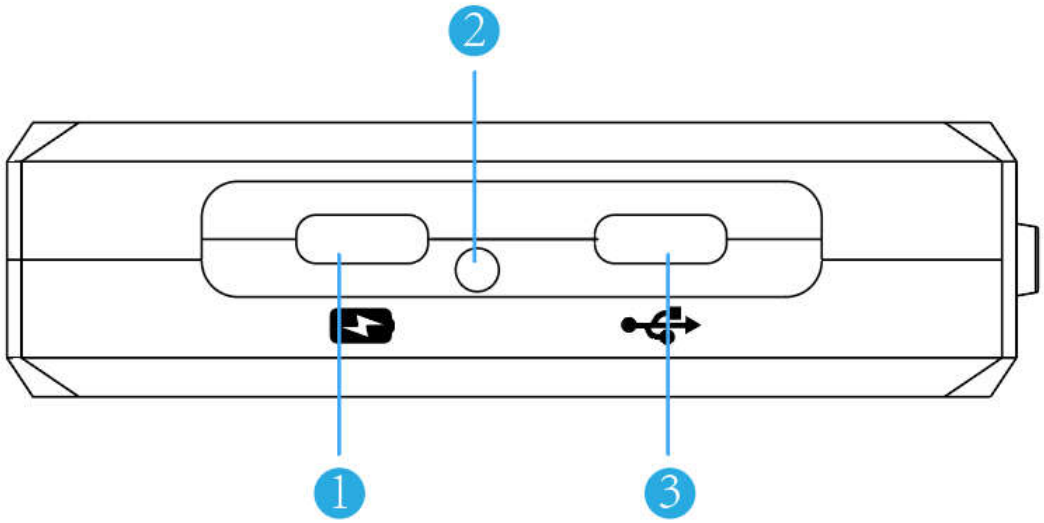
To achieve the goal, product infrastructure, circuitries with precise matching also hardware acoustics are meticulously designed to ensure utmost stability in the designs. Deep customization and innovative electronics promotes real-time performance of audio data transmission, integrated with our house tuning to bring to you an unparalleled listening experience.

H1 Use Manual

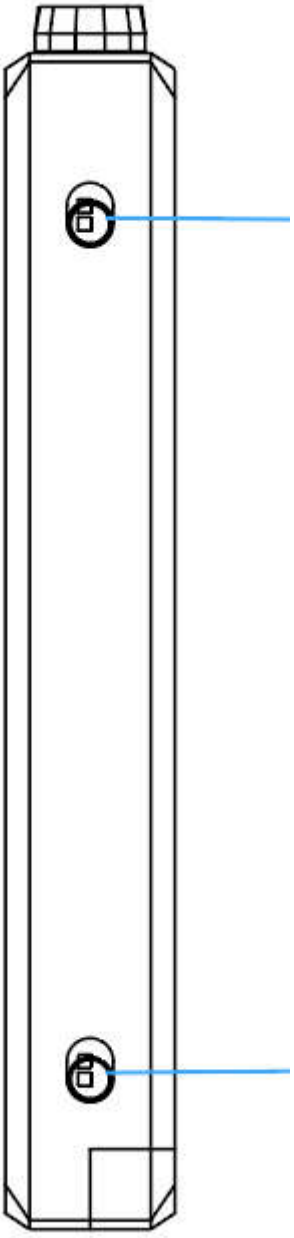
接口功能



No.	Name	Function Description
1	BAL	4.4 balanced video output.
2	Line out/Optical	3.5mm video output, Supports earphone, line out and Optical.
3	Light	* Green: PCM/Flac video format; * Blue: DSD64; * Blue+Red: DSD128
4	On/OFF	Switch machine and volume adjustment.



No.	Name	Function Description
1	USB C Input	Only support charging.
2	Power Indicator	* When the capacity of the battery is greater than 80%, the green LED illuminates. * When the capacity of the battery≤80%, and≥30%, the blue LED illuminates. * When the capacity of the battery is below 30%, the red LED illuminates.
3	USB C Input	Only support data transmission.



Gain H/L

* Adjust to “Gain L” gear, it means the H1 is in low gain mode, which suitable for low impedance and high sensitivity headphones.

* Adjust to “Gain H” gear, it means the H1 is in high gain mode, which suitable for high-impedance headphones that require thrust.

* After setting H/L, you need to readjust the knob switch before the gain setting can take effect. It is recommended to complete the change at a low volume to avoid sudden changes in volume and damage to hearing.

PO/LO

* “PO” gear, it is the headphone output mode.

* “LO” gear， only support line out mode, when the H1 is connected to the headphone amplifier or professional audio equipment.

Foobar Configuration Instructions

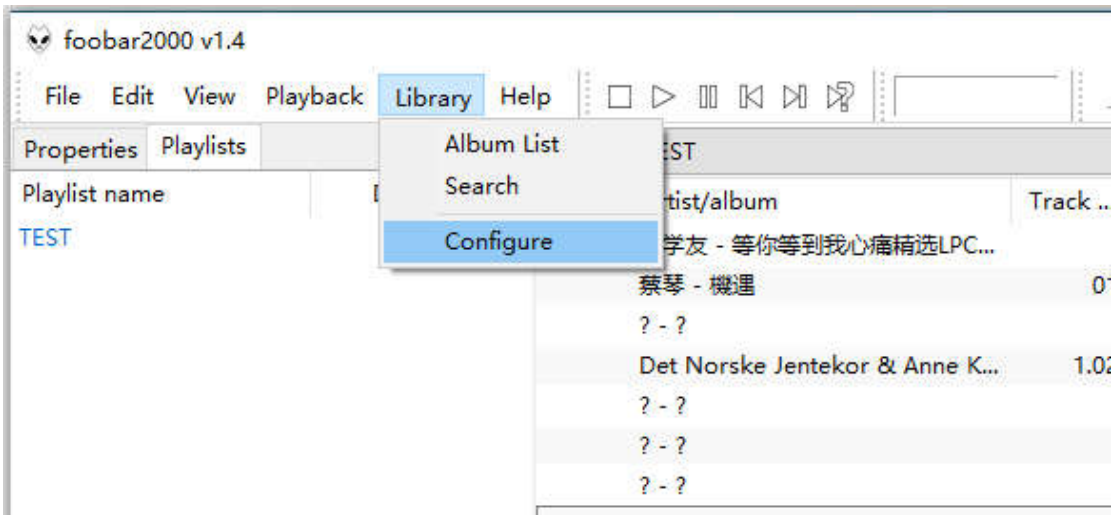
(Only for Windows system)

*** If your computer use the Windows system, please install the following version of the driver and ASIO driver**:

1. BravoHDSwPkgSetup.msi
2. foobar2000_v1.4.exe
3. ASIO4ALL_2_10_SCN.exe
4. foo_input_sacd.fb2k-component.exe

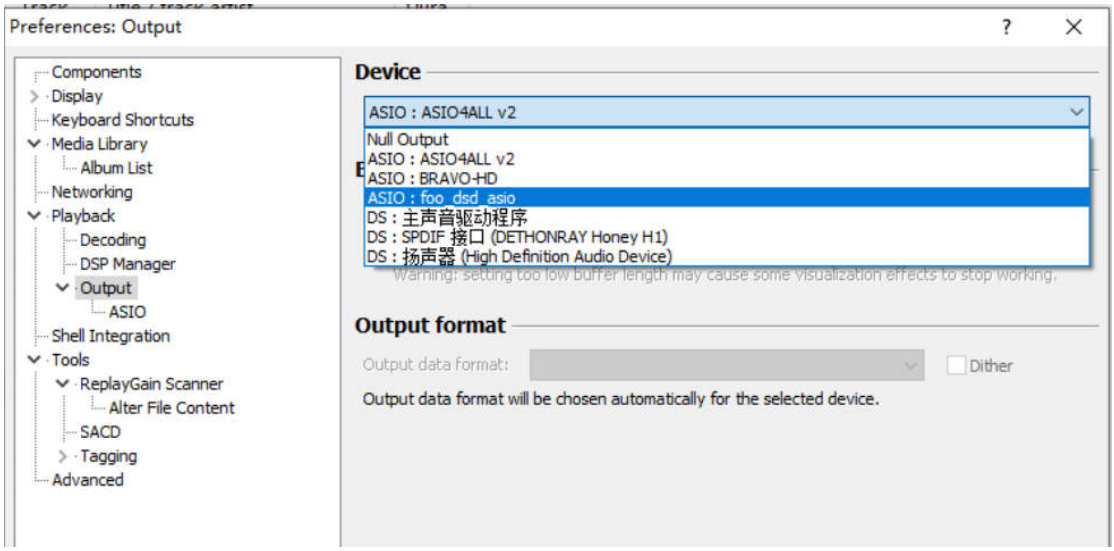
The First Step:

1. Connect the computer to Honey H1, turn on H1 (Note: Don't connect to the charging C port which don't support data transmission function.).
2. Find " Library" in the menu bar, → left-click "Library", → find "Configure" in the "Library" drop-down menu, → click "Configure", → pop-up the "Preferences: Media Library option" window.



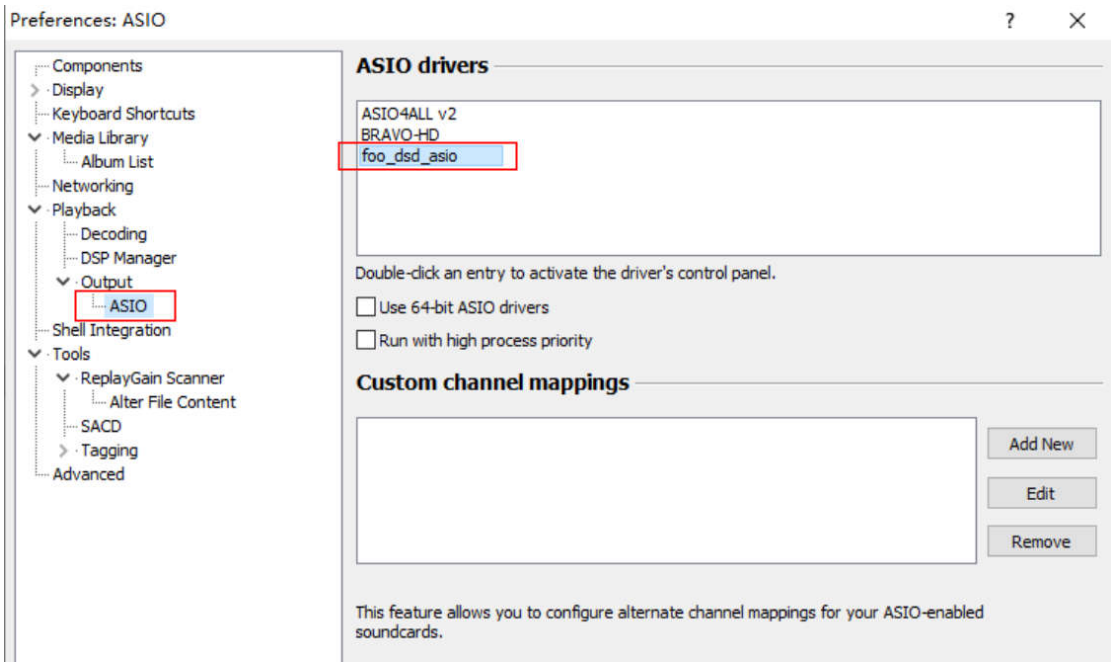
The Second Step:

1. Find "Playback" on the left side of the option box, → left-click "Playback", → find "Output", and left-click it.
2. And then, on the right of page, you can look the "Device" page, find" ASIO: foo_dsd_aslo" in the drop-down page.



The Third Step:

1. On the left side of page, → find the "Output", click it, → left-click ASIO.
2. And then, on the right side of page,→ find the "foo_dsd_aslo", → Double click "foo_dsd_aslo".

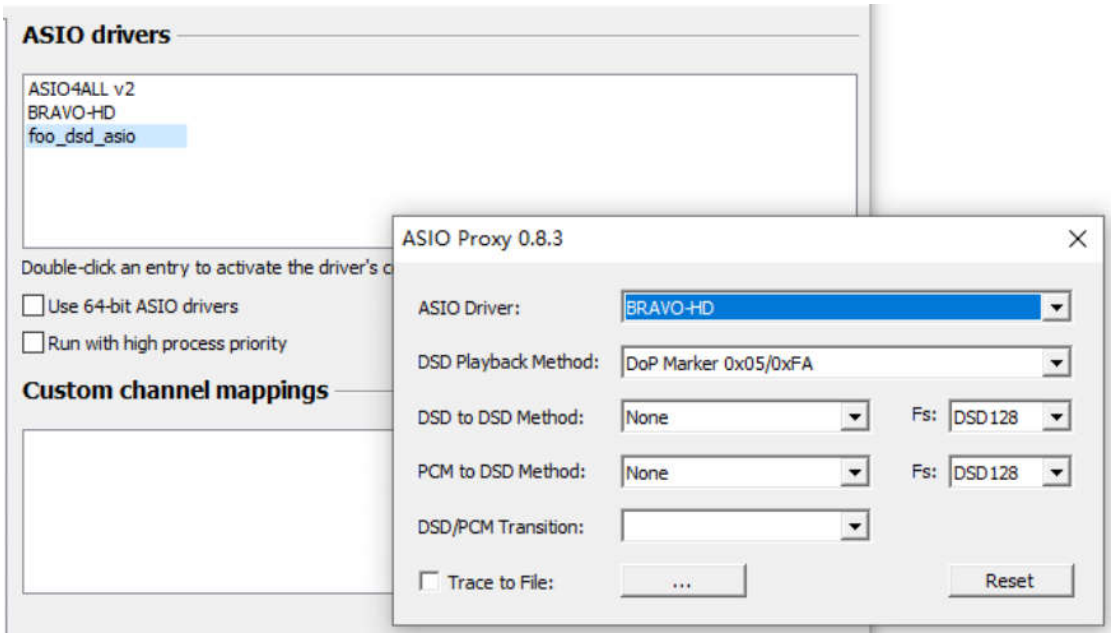


The Fourth Step:

After double-clicking the "foo_dsd_aslo", it will pop up ASIO Proxy 0.8.3 windows, →Fill in the information as follows:

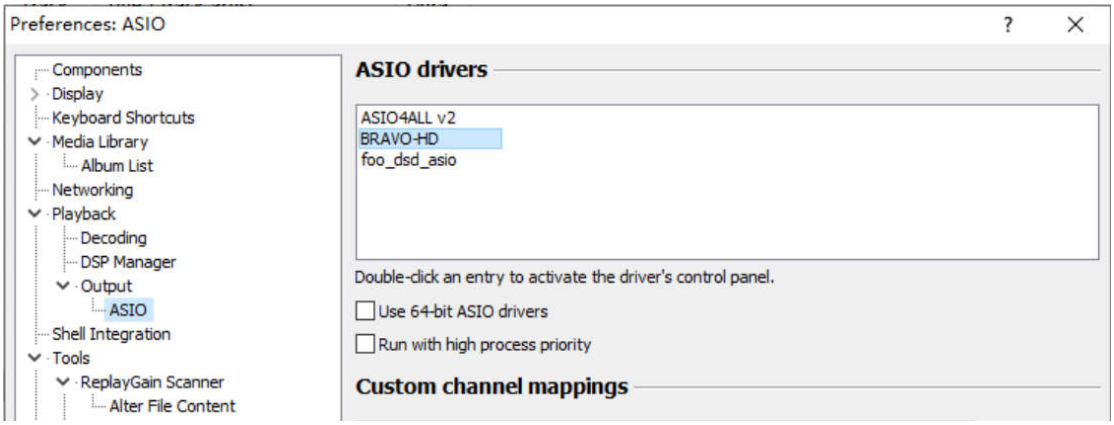
1. ASIO Driver choose " BRAVO-HD";
2. DSD Playback Method choose "DoP Marker 0x05/0xFA";

3. DSD to DSD Method choose “None”； Fs choose “DSD128”:
4. PCM to DSD Method choose “None”； Fs choose ”DSD128”.
5. Then close the “ASIO Proxy 0.8.3” option box, return to the “ASIO drivers” page.



The Fifth Step:

On “ASIO drivers” page, double click “BRAVO-HD”.



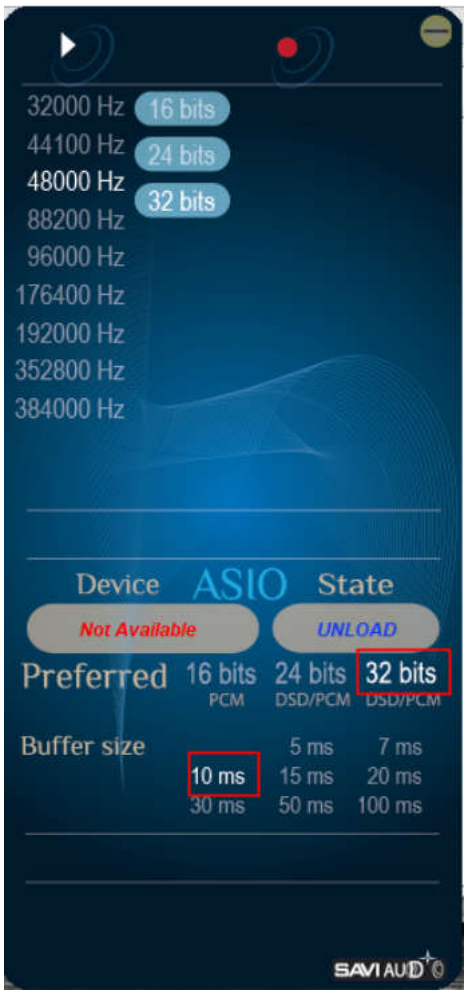
The Sixth Step:

After double-clicking “BRAVO-HD”, it will pop up a blue page:

Preferred choose “32 bits”;

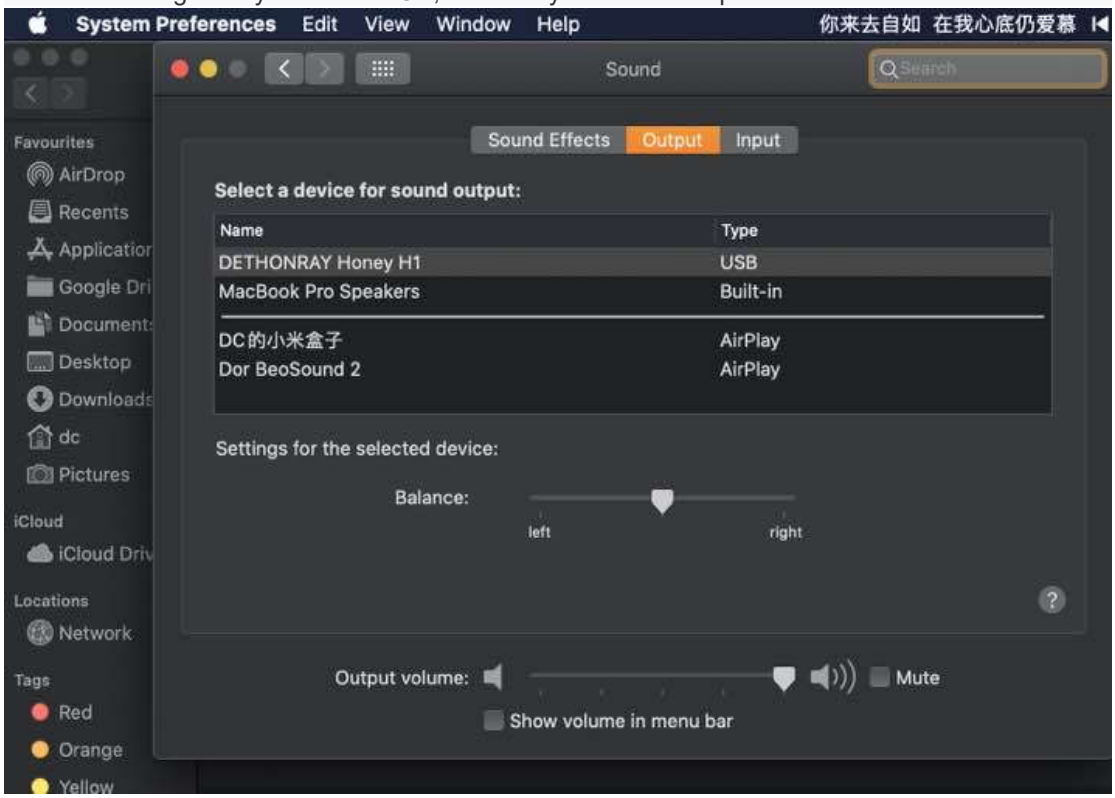
Buffer size choose “10ms”.

After finishing all operations, return to the playing page, and try to play a song randomly, and check whether the music is playing normally.


32000 Hz
44100 Hz
48000 Hz
88200 Hz
96000 Hz
176400 Hz
192000 Hz
352800 Hz
384000 Hz
16 bits
24 bits
32 bits
Device
ASIO
State
Not Available
UNLOAD
Preferred
16 bits
PCM
24 bits
DSD/PCM
32 bits
DSD/PCM
Buffer size
5 ms
7 ms
10 ms
15 ms
20 ms
30 ms
50 ms
100 ms

H1 connects to Mac OS configuration

After connecting Honey H1 to Mac OS, set Honey H1 as the output device.



Portable USBDAC Honey H1 Specifications

Port:	
Input	USB C
Output	3.5 Single End/Line Out/Optical, 4.4 Balance
Specification:	
DPPU（Desktop Plus Power Unit） DSD64 / 128, PCM 16Bit / 44.1K-32Bit / 384K Android / iOS / Windows / Linux	
PERFORMANCE:	
Frequency Response	20Hz-20kHz
THD	0.008%
SNR	116db
MAX. POWER OUTPUT:	
Single End	6Vrms（32Ω）
Balanced	6.2Vrms（300Ω）
Others	
DAC Chip	AKM4497x1
Chassis	Sandblasted CNC Aluminum/ Blue
Dimensions	137 x 70 x 19(mm) (inlcude volume knob)
Weight	256g
Battery Life	3.5 Vedio Output: 10 hours 4.4 Vedio Output: 8 hours
Charging	5V 2A/3.5 Hours
Battery	5300 mAH