

HM1000

User Guide

# Welcome

Thank you for purchasing  
the HM1000 Portable DAC(Bluetooth & USB-C)  
Please read this quick guide before using the HM1000.

## Table of Contents

Quick start	02
Exterior	03
Operation	04
Interface	08
4.4mm wiring specification for balanced line output	09
DAC	15
Specifications	18
Supported music formats	19
Safety Instructions	20
Warranty & customer service	22

# Quick Start

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## Bluetooth Direct Connection

1. Power on and confirm that the Bluetooth light on the main panel is working normally (blue light flashing).
2. Search for devices on a mobile phone or other Bluetooth source device, find HIFIMAN-HM1000 and select it
3. You may now enjoy high-definition Bluetooth music with headphones connected to your HM1000.

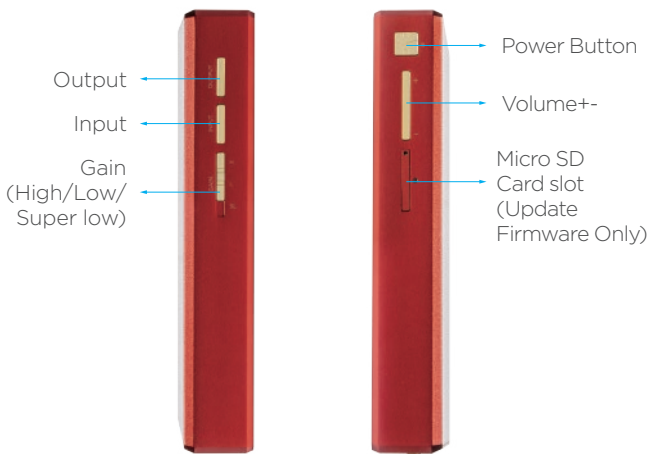
Note: Please check the Bluetooth connection and supported protocol to ensure the best connection.

## USB DAC

1. Follow the instructions in the operation guide's DAC Setup to correctly install the driver.
2. Connect the HM1000 to a computer using a USB-C cable.
3. Press the Input button once to turn the light of the main panel green and always on.
4. Set the playback device on the computer to HM1000.
5. Now you can Listen to music from your computer on the HM1000.

# Exterior

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# Operation

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## Power On / Power Off

1. Press 3 seconds to turn the HM1000 on or off.

## Volume+/-

1. Press volume+ to increase the volume.  
Increase the volume one level at a time.  
The maximum volume is 32.
2. Press volume- to decrease the volume.  
Decrease the volume one level at a time.  
The minimum volume is 0.
3. The body has no screen to show the volume.

# Operation

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## Output Selection

1. When powering on for the first time, the default output jack is balanced 3.5mm balanced. When this jack is selected, it corresponds to the bottom of the device and will display a green light.
2. Press the output selection key once. The output jack will remain the same, however the output will change to Single-Ended. When this option is selected, it corresponds to the bottom of the device output and will display a red light.
3. Press the output selection key again. This will change the output jack to the 4.4mm Balanced headphone jack. When this is selected, it will display a green light.
4. Press the output selection button again to change the output jack to the 4.4mm Balanced line output / 3.5mm single-ended line output. When selected it will display a green light.
5. The HM1000 will remember the most recent output configuration was used when last powered and will resume the same output status.

# Operation

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## Input Selection

1. After powering on, the input defaults to Bluetooth mode. If the blue light is flashing it is in pairing mode, and will remain blue when connected.
2. When connecting via USB, press the input selection key one time. The input mode will switch to USB AUDIO mode. After switching successfully to USB AUDIO, the light will remain green.

## Gain Selection

1. Gain selection is divided into three options: high, low and super-low. High gain's driving force is relatively large, suitable for lower sensitivity and higher impedance headphones. Low gain's driving force is relatively small, suitable for matching with headphones of higher sensitivity and lower impedance. Super-low gain's driving force is smaller still, suitable for in-ear monitors (IEM) with very high sensitivity and very low impedance.
2. Selection is made by sliding the switch.



# Operation

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## Charge

1. Connect a charging cable from a power supply to the HM1000. The charging status light will be a steady red. The light will turn green when fully charged.
2. Press the charge button to switch to non charging mode. In this state, the charging status light will flash red and green.
3. When the battery is low, the charging status light will flash red. If the battery is too low for operation, it will shut down.

# Interface

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## USB-C

1. Connect a type-C USB data cable to a computer for data transmission.
2. Use a type-C USB power cable with a power supply to charge the HM1000.
3. Use a type-C to type C USB cable to connect to a mobile phone for USB DAC Features.

Note: Phone must support USB AUDIO OTG.

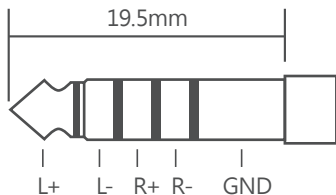
## Headphone Sockets/Lineout

1. With 3.5mm / 4.4mm headphone outputs, match 3.5mm / 4.4 mm with the appropriate headphone use.
2. The 3.5mm headphone socket supports balanced and single-ended modes, meaning it accepts both TRRS and TRS jacks.
3. The 4.4mm Headphone socket defaults to balanced mode.
4. Never connect headphones before selecting output, and never connect headphones with the line out option selected as it may damage the headphone or the listener's hearing.
5. Line-out may be connected to amplifiers or other adapted audio equipment. (Cables must be purchased separately)

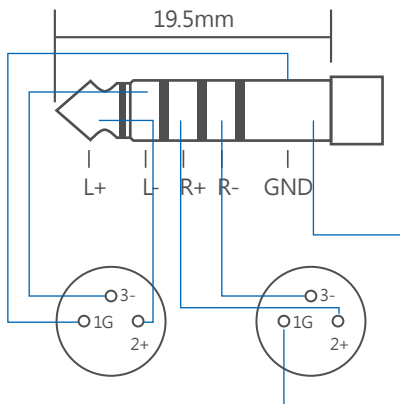
## 4.4mm Balanced Line Output Wiring Specifications

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4.4mm balanced Plug schematic is as follows:



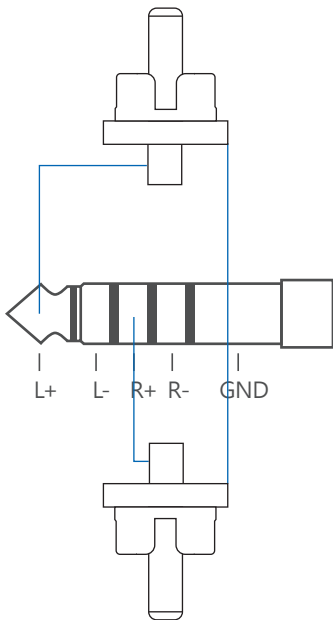
For 4.4mm Balanced to dual XLR connections, the balanced output should be as wired as follows:



## 4.4mm Balanced Line Output Wiring Specifications

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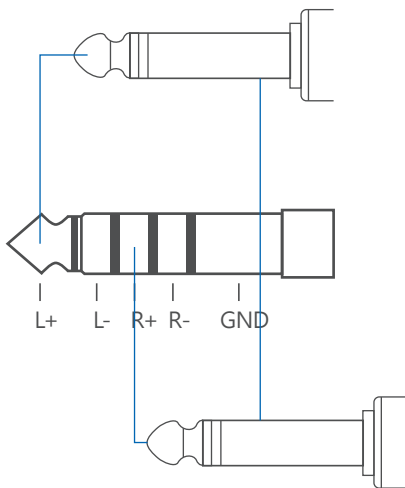
4.4mm balanced to single-ended RCA connections should be made as follows:



## 4.4mm Balanced Line Output Wiring Specifications

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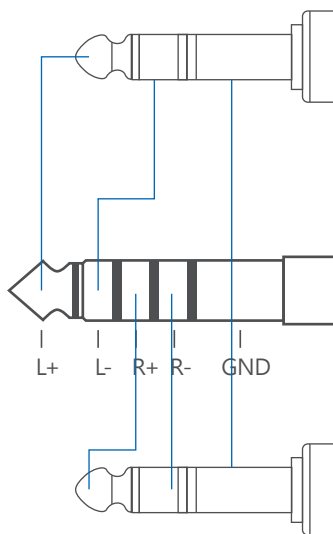
4.4mm balanced to dual mono 6.3mm connections should be made as follows:



## 4.4mm Balanced Line Output Wiring Specifications

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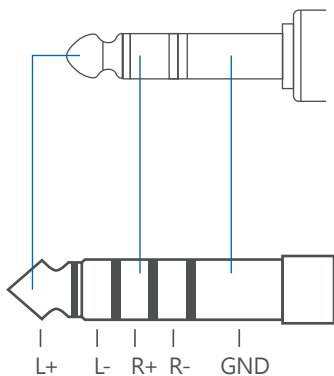
4.4mm balanced to dual stereo 6.3mm connections should be made as follows:



## 4.4mm Balanced Line Output Wiring Specifications

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4.4mm balanced to single-ended 3.5mm connections should be made as follows:

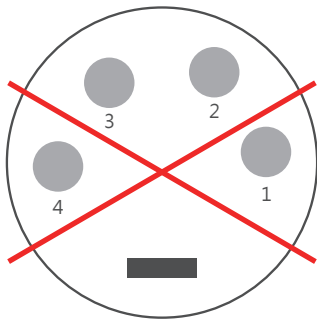
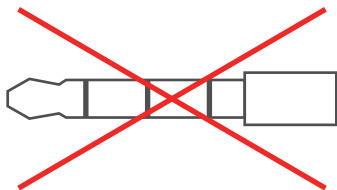


## 4.4mm Balanced Line Output Wiring Specifications

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Please note:

Do not use an ungrounded connector as prolonged use may damage the HM1000.





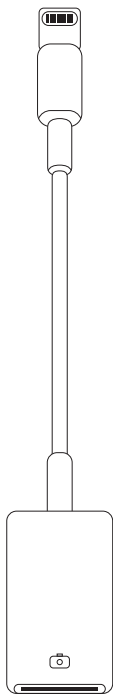
# DAC

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## USB DAC

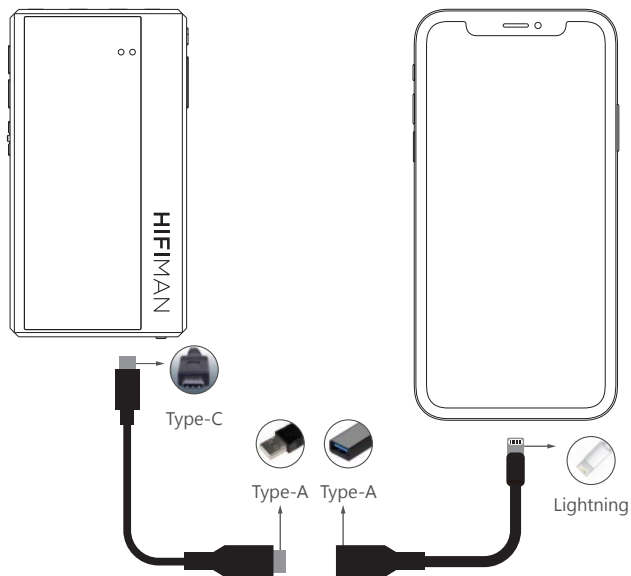
Connect the Type-C USB cable to a computer or phone to enable the USB DAC function. Your phone must support the USB AUDIO and OTG function. For iOS devices, we recommend connecting a Lightning cable to a USB Camera Converter. (Lightning to USB3 Camera Converter. Type-C to Lightning cables cannot be used. Please use Apple's Type-C to Type-A adapter when connecting to MAC.)

**Note:** When connecting the HM1000 to products running iOS, first change the charging button to the no-charging mode, then connect the HM1000 to the device, and switch the input mode of HM1000 to USB AUDIO mode.



# DAC

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# DAC

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## USB DAC Driver

For MAC there's no need to install the driver.

This driver supports Windows XP to Windows 10.

Driver installation and usage:

1. Please go to HIFIMAN's Official website([www.hifiman.com](http://www.hifiman.com))→Service and support→Driver, and download the HM1000 driver.
2. Unzip the compressed package, select the driver and continue to install the driver.
3. Use a type-C USB data cable to connect the HM1000 to the computer.
4. Set the HM1000 to USB DAC mode.
5. In Windows controls set "Control Panel→Sound→Play," and select "HM1000."
6. Now you can use the HM1000 listen to audio from the computer.

# Specifications

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Size ( LxWxH ) : 115mmx62mmx18mm

Frequency Response: 20Hz-40kHz

Battery Life : 9.5h

Output Options : 3.5mm Single-ended, 3.5mm balanced,  
4.4mm balanced,3.5mm Line output, 4.4mm Line out

Bluetooth Version: Bluetooth 5.0

Codecs: LDAC, aptX-HD, aptX, AAC, SBC

Sampling Rate: up to 24bit/384kHz

# Supported Music Formats

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	WAV	FLAC	ALAC	APE	AIFF (aif-f)	DFF	DSF
16bit 44.1kHz	✓	✓	✓	✓	✓	-	-
16bit 48kHz	✓	✓	✓	✓	✓	-	-
16bit 88.2kHz	✓	✓	✓	✓	✓	-	-
16bit 96kHz	✓	✓	✓	✗	✓	-	-
16bit 176.4kHz	✓	✓	✓	✗	✓	-	-
16bit 192kHz	✓	✓	✓	✓	✓	-	-
24bit 44.1kHz	✓	✓	✓	✓	✗	-	-
24bit 48kHz	✓	✓	✓	✓	✗	-	-
24bit 88.2kHz	✓	✓	✓	✓	✗	-	-
24bit 96kHz	✓	✓	✓	✓	✗	-	-
24bit 176.4kHz	✓	✓	✓	✗	✗	-	-
24bit 192kHz	✓	✓	✓	✗	✗	-	-
1bit 2.8MHz (DSD64)	-	-	-	-	-	✓	✓

Other Music Formats: MP3, OGG, AAC, WMA

DSD file support to DSD64 (DFF and, DSF)

# Safety Instructions

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## Warning

1. Do not expose the player to water or other solvents.
2. Do not expose the player to humidity, dust, smoke and other harsh conditions.
3. A suitable operating temperature environment should be between -6°C To 40°C. Storage should be at normal room temperature.
4. Do not use any chemicals or detergents to clean the player.
5. Do not use while driving or operating motorized vehicles.
6. If you experience physical discomfort, please discontinue use and consult your audiologist.

# Safety Instructions

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## Disposal and Recycling

The disposal of your player should be separated from household waste because the player contains electronic parts and a battery. When your player reaches the end of its life, please contact your local environmental department for disposal and recycling information or you could simply send it back to us. The battery will be removed and properly recycled.

European Union—Disposal information:



This symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Consumers can be punished by penalty for inappropriate disposal of electronic device. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

## FCC Warning

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.



## FCC Warning

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- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Warranty & Customer Service

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HIFIMAN warrants this product to be free of defects in material or workmanship for a period of one year from the date of original retail purchase. If your product is found to be defective during the warranty period, HIFIMAN will, at its sole option, either repair the product or replace the product with a new or factory reconditioned or substantially equivalent model. This limited warranty does not apply to any defects attributable to damage beyond the reasonable control of HIFIMAN including damage caused by abuse, misuse, misapplication or modifications performed by anyone other than HIFIMAN.

If your product is under warranty and a problem appears, please contact HIFIMAN customer service or your authorized dealer. If necessary, and at our discretion, we will provide a warranty repair or replacement of your product.

Caution: do not disassemble or modify the product in any way. Tampering with or modifying your HIFIMAN product will void its warranty.

## Warranty & Customer Service

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This Limited Warranty does not apply to :

1. Defective or discolored parts if damage is caused by fluids, dirt, missing keys, broken plastic parts or improper use.
2. Damage caused by misuse with another product.
3. Use of the product for other than its normal intended use, including, without limitation, failure to use the product in accordance with the supplied Owner's Guide.
4. Damage caused by accident, abuse, neglect or misuse.
5. If you do not have a valid dated receipt showing proof of purchase.
6. Damage caused by services / repairs or other modifications to the system carried out by anyone other than HIFIMAN or an authorized HIFIMAN distributor or dealer.
7. Damage caused by self-repair or if the unit has been disassembled or modified in any way.

HIFIMAN greatly desires your satisfaction and will do everything reasonable to achieve that. If you have any questions or concerns with your product, simply contact your authorized dealer or HIFIMAN directly (if purchased

## Warranty & Customer Service

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from us) and explain the issue in detail. Should a return be required, a Return Authorization will be issued. Return shipping to HIFIMAN or authorized service facility will be at the owner's expense.

The warranty applies to the first purchaser and is not transferable.

**For further information, please contact your authorized HIFIMAN dealer or email us directly at customerservice@HIFIMAN.com.**



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