



Innovating the Art of Listening

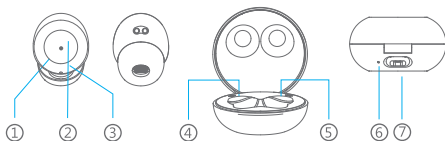


TWS450

Owner's Guide

FCC ID: 2BAQY-TWS450

Product Overview



1	Multi-function Touch Sensor
2	Earbud Status Indicator
3	Microphone
4	Left Earbud
5	Right Earbud
6	Case Status Indicator
7	Type-C Charging Port

Pairing

Turn On & Pairing



Please fully charge the product before initial use




Pairing





* Earbuds will turn on and enter pairing mode automatically when open the charging case for the first time use.

Earbud Status Indicator	Status	
☀	Flashing on both earbuds	Power on
☀	Flashing on one earbud	Bluetooth Pair
●	Lights off	Connected to a device

Pairing




-  Make sure the distance of the earbuds and your device is less than 1 meter / 3.3 feet at the first time of connection.
-  When turned on, the earbuds will automatically connect to the last connected device if available. If not, the earbuds will enter pairing mode.
-  Under any abnormal condition, return the earbuds to the charging case with the lid closed for 10s and then take out again.

Turn Off




-  The earbuds will automatically turn off after 10 minutes if no device is connected.
-  When the earbuds are in the charging case and the lid is closed, it will automatically turn off after being fully charged.

Calls & Music



	Tap on one earbud twice	Answer/End call
	Long press one earbud then release when you hear 2 beeps	Reject call
	Long press one earbud then release when you hear 2 beeps	Activate Voice assistant



	Tap on one earbud twice	Play/Pause
	Long press left earbud then release when you hear 2 beeps	Previous track
	Long press right earbud then release when you hear 2 beeps	Next track

Charging

Charging Your Earbuds and Case

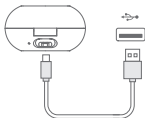


Charging The Earbuds

Earbuds will be charged automatically once they are returned to the charging case with the lid closed.

💡 When the battery is low, the earbuds have a voice prompt.

Charging The Case



Indicator	Power Level	Status
●	High	Being charged
●	Lights off	Fully charged

💡 Use the included Type-C charging cable to charge the case

Specifications

Earbuds Specifications

Range: 10m / 33ft

Music playtime: Up to 5 hours on single charge, case provides additional 15 hours

Battery capacity: 35mAh (each earbud)

Charging time: Approx. 1.5 hours

Charging Case Specifications

Battery capacity: 330mAh

Charging time: Approx. 2 hours

* If the charging case is fully charged, it can recharge the earbuds about 3 times.

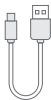
Package Contents



Charging Case x 1



True Wireless
Earbud x 2



Type-C
Charging Cable x1



Extra Pair of Eartips x 2

FCC STATEMENT

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without RF striction.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital, pursuant to Part 15 or 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 casue harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation.

If the 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.
- 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.

HIFIMAN Limited Warranty

Your product is warranted for a period of one year beginning with the original date of purchase. The dated sales or delivery receipt is your proof of purchase. You may be required to provide proof of purchase as a condition of receiving warranty service so please keep it handy.

If your product is under warranty and malfunctions occur, please contact HIFIMAN customer service or your authorized dealer. If necessary, and at the discretion of HIFIMAN, the company 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.

This Limited Warranty does not apply to:

1. Defective or discolored parts if the damages are 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, but not limited to, failure to use the product in accordance with the supplied Owner's Guide.
4. Damage caused by accident, abuse, neglect, or misuse.

5. Lack of a valid dated receipt showing proof of purchase.
6. Damage caused by 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 product was disassembled or modified in any way.

HIFIMAN is committed to customer satisfaction. If you have any questions or concerns with your product, simply contact your authorized dealer or HIFIMAN (if purchased from us) and explain the issue in detail. Should a return be required, a return authorization (RMA) number will be issued. Return shipping to HIFIMAN or an authorized service facility will be at the owner's expense.

The warranty applies to the first purchaser and is not transferable. Should you need warranty service, please contact your authorized HIFIMAN dealer, or email us at customerservice@HIFIMAN.com.

HIFIMAN ELECTRONICS CORPORATION

Address: 2602 Beltagh Ave, Bellmore, NY 11710, USA

1. Correct disposing of waste electrical and electronic equipment (WEEE) and symbol of the “crossed-out wheeled bin”

The crossed-out wheeled bin on WEEE means that you are obliged by law to dispose of this equipment separately from the unsorted municipal waste collection system. Disposing of it in the residual waste bin, the yellow bin or yellow bag for recyclable materials is legally prohibited. If the equipment contains portable batteries, accumulators or lamps that are not permanently installed, these must be removed before disposing of the product and be disposed of separately as waste portable batteries.

2. Ways of returning waste electrical and electronic equipment

Owners of waste electrical and electronic equipment can return them to those facilities for returning or collecting waste electrical and electronic equipment set up and provided by the public-sector waste disposal authorities or alternatively with collection points installed by producers, retailers or distant sellers to ensure that the waste electrical and electronic equipment is disposed of correctly. The following link leads to an online registry of the available collection and take-back sites: <https://e-schrott-entsorgen.org/>

3. Data privacy

We should point out to all end-users of waste electrical and electronic equipment that they themselves are responsible for deleting all personal data from the waste electrical and electronic equipment to be disposed of.

WEEE Reg. No. DE 73830605

WEEE Reg. No. DE 48150071





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