

USER'S MANUAL



FYSIC[®]

FH-76

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1. INTRODUCTION

The Fysic FH-76 allows you to privately listen to your favourite music or TV show without being disturbed and at your own preferred audio volume.

The FH-76 is supplied with various connecting cables for the connection of practically any audio source.

The headset is provided with its own built-in microphone which you can use for additional amplification of conversations in your direct vicinity.

You may also pair the headset with your smart phone to answer incoming calls and have conversations.

On the headset, you may adjust the volume and the balance between the left and right speakers and also increase the treble and/or bass.

2. WHAT YOU'LL FIND IN THE PACKAGING

In the packaging, you'll find the following items:

1. Wireless and light-weight headset with built-in battery.

2. Base, provided with a charger function for the headset.

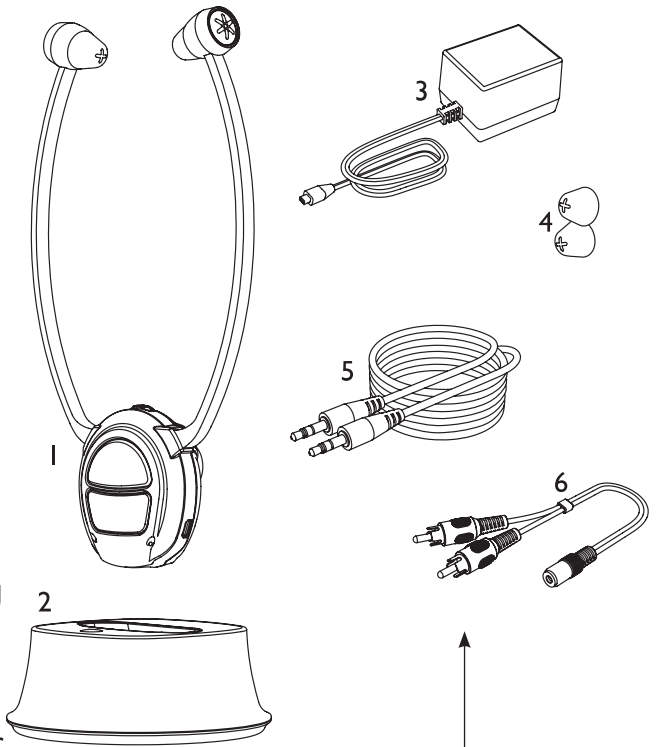
3. Power adaptor.

4. An extra set of earplugs.

5. Audio connecting wire. Use this wire to connect the base with the TV, radio or other audio source.

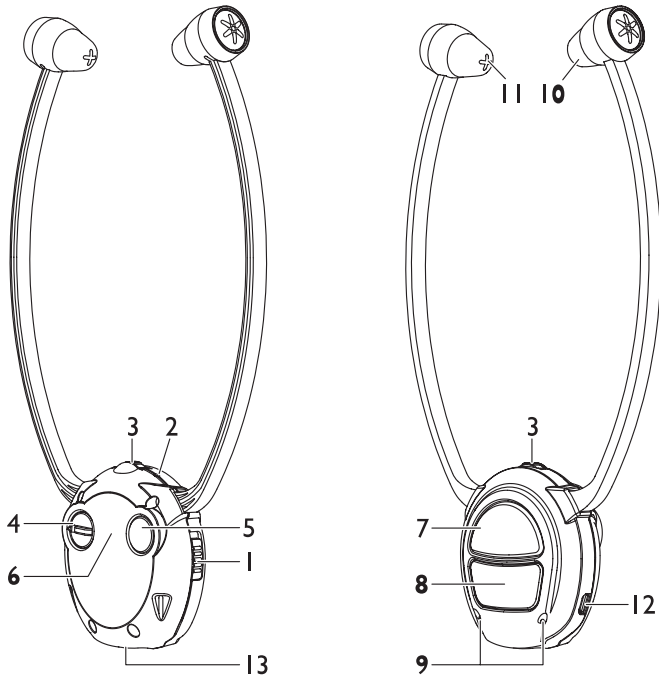
6. Audio adaptor wire.

For connecting devices provided only with RCA or Cinch connectors.



3. OVERVIEW

3.1 Headset:



1. Power slider.

2. Status LED:

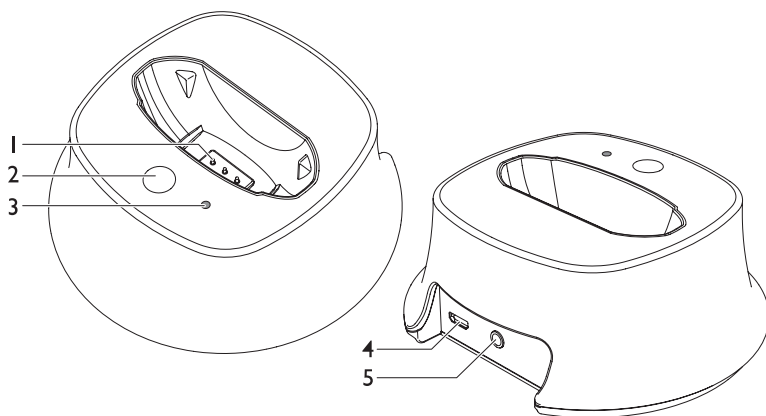
- flashing green (headset in base): the battery is being charged
- constant green (headset in base): the battery is full
- flashing blue (slowly): headset on standby
- flashing blue (rapidly): headset is searching for the base / the battery is nearly exhausted
- constant blue: headset is connected with the base
- constant green: the headset is set to the 'microphone boost' position
- flashing green: the headset is set to the 'microphone boost' position and the battery is nearly exhausted
- Alternating green & blue: incoming call

3. Volume control.

4. Balance control: This allows you to increase the volume coming from the left or right ear speaker according to your own preferences.

5. Tone push-button, press repeatedly to give the treble or base an extra boost.
6. This holds the built-in NFC coil for a quick link with your mobile phone.
7. Push-button for answering an incoming call or for interrupting the music you're listening to.
8. Power push-button for the built-in microphone, while also a push-button for pairing the headset.
9. Built-in microphone.
10. Left speaker.
11. Right speaker.
12. Micro USB port to charge the headset directly without having to place it into the base.
13. Charging contacts, when placing the headset into the base, leave it sitting on these contacts.

3.2 Base:

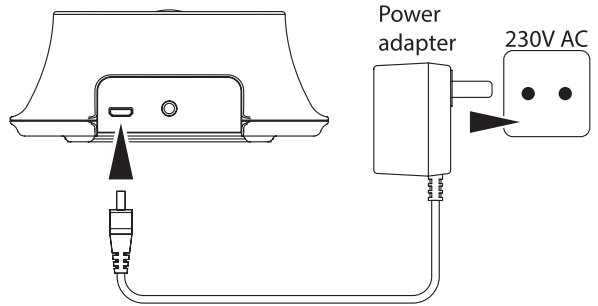


1. Charging contacts:
These will charge the headset when the headset is placed into the base.
2. PAIR button: to pair the headset with the base.
3. Status indicator:
 - flashing blue (slowly): base is on standby
 - flashing blue (rapidly): base is searching for the headset
 - constant blue: base is connected to the headset
4. Connection for the supplied power adaptor.
5. Connection for the audio wire.

4. INSTALLATION

4.1 Base:

1. Connect the included power adaptor with the DC IN input at the rear of the base and insert the adaptor into a 230V wall socket.



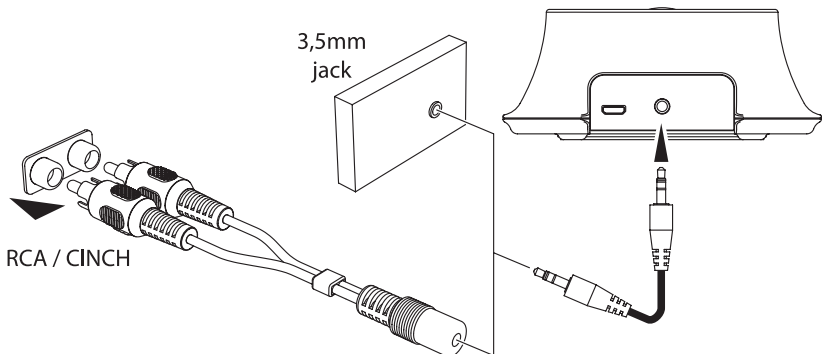
2. Take the audio connecting wire and plug one side into the AUDIO IN input at the rear of the base.
3. Depending on the audio source to which the FH-76 must be connected, one of the following situations may be applied:

3.5mm earphones connection:

This is the most commonly used connecting method for headsets or earphones. Directly connect the wire to this connector.

RCA or Cinch connection:

This connection is commonly used for somewhat more professional applications or for equipment without earphones or headsets connections. In this case, use the audio adaptor wire.



4.2 To charge the headset:

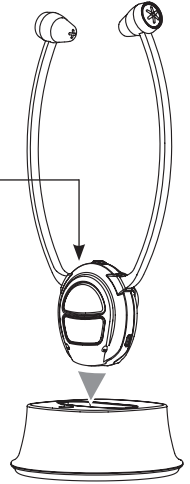
1. Via the base:

Slide the ON/OFF switch to the OFF position and place the headset into the base to re-charge the built-in battery.

Status LED:

flashing green: while charging, the status LED will be flashing in a green colour

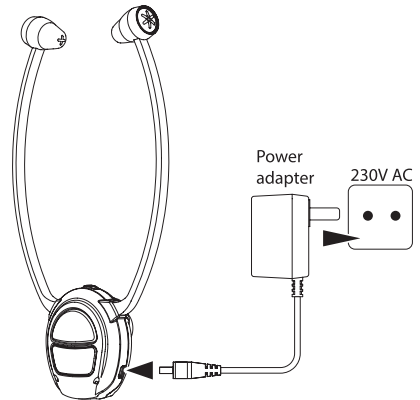
constant green: as soon as the battery is fully charged, the green status LED will remain permanently lit.



It takes approximately 2 hours to fully charge an empty battery, however for first time use it's recommended to continuously charge the battery for 4 to 5 hours.

2. To charge directly:

Slide the ON/OFF switch to the OFF position and connect the power adaptor to the USB port on the side of the headset.



Only use the supplied power adaptor with type no. YLJXA-E050055.

Input 100-240VAC 0.5A / output 5.0VDC 550mA

5. OPERATION



In this description of the various functions of the FH-76 it's assumed that the set is connected according to the instructions in chapter 4, that the battery is fully charged and that the base is connected to a TV, radio or similar signal source.

5.1 To switch on the headset:

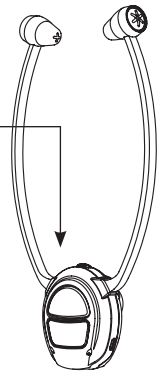
Use the ON/OFF switch on the side of the headset to switch the headset on or off.

When switched on, the status LED will flash briefly while the headset starts searching for the base.

Status LED: _____

flashing blue: while searching for the base, the status LED flashes in a blue colour

constant blue: as soon as the headset is connected to the base, the blue status LED will remain permanently lit



ATTENTION: when removing the headset from the base while the ON/OFF switch is set to the ON position, you'll have to first slide the switch to OFF and then back to ON.

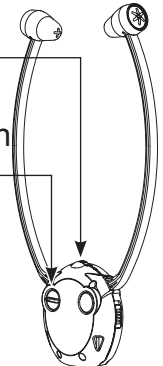
5.2 Volume and balance:

Use the volume control to adjust the sound volume coming from the ear speakers. _____

Use the balance control to determine whether the left or right ear speaker must be louder or softer than the other ear speaker. _____



To prevent hearing damage we advise you to first set the volume and then to put the headset on your ears. This prevents a jolt if the volume was set too high.



5.3 Tone correction:

You may use the **TONE** push-button on the base to enable the tone correction and to adjust the sound to your own preferences. Tone signals in the ear speakers will inform you of the chosen setting:

- 1 tone signal: treble is boosted
- 2 tone signals: treble & bass are boosted
- 3 tone signals: only the bass is boosted
- long tone signal: no tone correction

Attention, this tone correction only influences the signal send via the base to the headset. It has no effect on the pitch of the microphone build into the headset. See also the following item.

5.4 Microphone function:

The headset is provided with a built-in microphone. This microphone amplifies the sounds coming from your immediate vicinity (such as a conversation) to reproduce them through the ear speakers.

Switch on the headset and 1x press the MIC button to enable this function; the green status indicator will illuminate.

Press the MIC button again to disable this function.

Attention, the push-button for the tone correction (see above) has no effect on the microphone sound.

The TV, radio, etc. connected to the base doesn't need to be switched on to use this function.

6 USE IN COMBINATION WITH A MOBILE PHONE



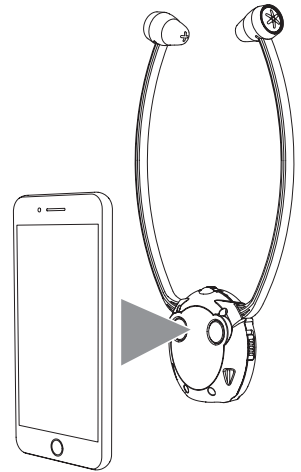
You may pair the FH-76 with your telephone. After doing so, when you're listening to the radio or TV and you receive an incoming call, you may use the headset to answer the call and have your telephone conversation via the headset fully hands-free. At the end of the conversation, the device will switch back to the radio or TV.

6.1 To pair the headset with the telephone:

Via NFC (Near Field Communication):

If your mobile phone is provided with the NFC functionality (Near Field Communication), you may pair the headset with your phone as follows:

1. switch on the NFC function of your mobile phone
2. switch on the headset
3. hold the phone against the headset according to the below figure
4. the headset and phone will be paired after several seconds



Via the Bluetooth menu: (optional)

If your phone is not provided with NFC, you may pair the headset with your phone as follows.

1. switch on the base and headset and make sure they are connected with each other (check this by briefly listening to the sound of your radio or TV).
2. remove the adaptor of the base from the wall socket.
3. on the headset, press and hold the **MIC/PAIR** button for approx. 5 seconds until the blue status LED starts flashing rapidly
4. switch on the Bluetooth function of your mobile phone and have the phone search for available devices. After several seconds, the "Fysic FH-76" will be found. Confirm this 'device'

5. switch off the Bluetooth function of your phone
6. insert the power adaptor of the base back into the wall socket and wait until the headset is reconnected with the base
7. you may now switch the Bluetooth function of your phone back on again (check whether any profile must be adjusted for telephone audio)

6.2 Operation:

Receiving an incoming call while listening to the radio or TV:

1. the sound of the radio or TV is interrupted and you'll hear a tone in the ear speakers
2. press the button ►/|||/☞ to answer the telephone call
3. you now have your conversation via the microphone and the speakers of the headset
4. at the end of the conversation the sound of the radio or TV is enabled again

To listen to music on your phone:

1. remove the adaptor of the base from the wall socket to ensure that the connection between the headset and the base is interrupted
2. make sure that the Bluetooth music option is enabled on your phone
3. press the ►/|||/☞ button on the headset to start playing the music on your phone

If now you'd like to return to the base of the FH-76, switch off the Bluetooth function of the phone, insert the adaptor of the base back into the wall socket, briefly place the headset onto the base and pick it up again (don't forget to briefly slide the ON/OFF switch to OFF and then to ON to switch the headset on again).

After reconnecting the headset with the base, you may switch the Bluetooth function of the phone back on again.

7. BATTERY

7.1 To charge:

- The battery in the headset may be charged by placing the headset into the base or by connecting the power adapter to the headset directly.
- While the battery is being charged, the status LED on the headset will be flashing in a green colour. When the battery is charged, the trickle charge function is enabled and the status LED will remain lit in a the green colour.
- It takes 1.5 to 2 hours to fully charge an empty battery.
- You may simply leave the headset in the base. The trickle charge function maintains the battery charge without any risk of overcharging.



7.2 Empty battery notification:

5 minutes before the battery in the headset becomes exhausted, you'll hear beeps in the headset while the status LED starts flashing rapidly in the blue colour. Now place the headset onto the base to recharge the battery.


7.3 Maintenance:

The battery (Lithium Polymer battery) is build into the headset and requires no maintenance. This battery cannot be replaced by the user. A Lithium Polymer battery has an average life span of 2.5 to 3 years. However, before that time a decrease in capacity will be noticeable which shortens each battery's use and demands more frequent charging. This is not covered by the warranty. Please contact the Fysic Customer Service if the battery must be replaced.

General safety instructions for batteries or battery packs:

- Never expose batteries to fire or high temperatures.
- Never give batteries to children. Batteries are no toys and children may put batteries into their mouth.
- Never pierce or cut batteries. Their contents are chemical and poisonous.
-  Never discard of exhausted batteries, but return them to  your local depot for Small Chemical Waste (SCW).

8. USER TIPS AND WARNINGS

- The FH-76 is a wireless headset that operates using radio waves in the 2.4 GHz band. The signal transfer may be disturbed by external influences such as from other wireless speakers or headsets, transmitters, wireless phones, etc.
- The FH-76 is not waterproof and must be located where it's protected against rain and moisture.
- A fully charged battery ensures an usage time of up to approx. 5 hours. The usage time depends on the condition of the battery.
- Only clean the FH-76 with a moist cloth.
- The packaging of the FH-76 may be collected as used paper. However we advise you to save it in case of transport, it allows you to adequately package this headset.
- At the end of the life span of this product you may not discard of this product as regular household waste, but you must return it to a collection point for the recycling of electric and electronic equipment.
- The effective range depends on local circumstance and amounts to up to 15 meters. The range is the longest when the signals of the base arrive at the headset unobstructed and free of obstacles and/or reflections.
- Keep in mind that especially reinforced concrete walls, steel obstacles, other transmitters, etc. may affect the effective range.
- Never use the FH-76 outdoors during a thunderstorm.
- To prevent possible hearing damage, it's recommended to not use the earphones at high volumes for long periods of time, but to set the volume to a safe and acceptable sound level.
- Listen at reasonable volumes during these kind of periods.
- Make sure to not keep increasing the volume as your ears are getting used to the sound.
- Never increase the volume to a level at which you can no longer hear your environment.
-  Extremely high sound levels from earphones and headsets may cause hearing damage.

9. PROBLEMS AND POSSIBLE SOLUTIONS

Headset doesn't work / no sound:

- The base isn't switched on. Check whether the adaptor is connected and inserted into the wall socket.
- The headset isn't switched on or the battery is empty. Switch on the headset by sliding the switch to ON. If the LED still doesn't illuminate, then the battery is exhausted. Please charge it immediately.
- When the headset was set to ON when you took the headset from the base, you must first slide the switch to OFF and then back to ON to enable the headset.
- The source that must provide the audio (TV, radio) isn't switched on or its volume is set to zero. Switch on the audio source or increase the volume somewhat.
- The volume of the headset is set to zero. Use the volume control of the headset to increase the volume.
- You're out of range from the base. Decrease the distance.
- The headset is paired with the phone and not with the TV or radio. If necessary, refer to the end of paragraph 6.2 for how to re-register the headset on the base.

The switch of the headset is set to ON, but the POWER indicator is not illuminated:

- The headset was just taken from the base. Briefly slide the switch of the headset to OFF and back to ON to enable the headset again.

Only one side can be heard:

- The balance control of the headset is turned fully to one side. Turn this control to the centre position to set both ear speakers to the same volume.

The sound is distorted:

- The volume of the input signal is too high, causing the FH-76 to sound distorted. Decrease the volume of the audio source (TV, radio, etc.).
- The volume of the input signal is too weak for the FH-76 to properly process. Increase the volume of the audio source (TV, radio, etc.).
- The battery of the headset is nearly exhausted. Charge the battery.
- You're out of range from the base. Decrease the distance.


In case of any other problems, please contact the Fysic Customer Service.

10. DECLARATION OF CONFORMITY

This device meets the essential requirements and other relevant provisions as stipulated by the European Guideline 2014/53/EU.

The declaration of conformity is available on:
<http://DOC.hesdo.com/FH-76-DOC.pdf>

11. SPECIFICATIONS

Carrier frequency:	2.4GHz
Maximum power :	<3.6dBm
Power supply:	Base: 5V 550mA 
Headset:	3.7V 380mAh Lithium Polymer battery
Sound frequency:	70Hz - 18KHz
Distortion:	<1%
Signal-to-noise Ratio:	>75dB
Range:	up to 15 meters in an open area
Battery recharge time:	1.5 ~ 2 hours
Battery usage time:	up to 5 hours, depending on the condition of the battery

12. PROOF OF WARRANTY


For the Fysic FH-76 you have a warranty of 24 months from the date of purchase. During this period, we guarantee the free repair of defects caused by material and workmanship errors. All this subjected to the final assessment of the importer.

HOW TO HANDLE: If you notice any defect, first refer to the user's manual. Please contact the supplier of this telephone or contact customer service of Fysic.


THE WARRANTY BECOMES NULL AND VOID: In case of improper use, incorrect connections, leaking and/or incorrectly installed batteries, use of unoriginal parts or accessories, negligence and in case of defects caused by moisture, fire, flooding, lightning and natural disasters. In case of unauthorised modifications and/or repairs performed by third parties. In case of incorrect transportation of the device without adequate packaging and when the device is not accompanied by this warranty card and proof of purchase.

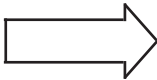
The warranty does not cover connecting cables, plugs and batteries. All further liability, especially concerning any consequential damages, is excluded.



Service



Help






HSC


FYSIC[®]

Aziëlaan 12
's-Hertogenbosch

WWW.HESDO-SERVICE.NL
INFO@HESDO-SERVICE.NL

NL +31 (0) 73 6411 355
FR +32 (0) 3 238 5666
DE +49 (0) 180 503 0085

