

EasyHear Genius



User Manual

Powered by Logital Co. Limited

EasyHear Trademark*

EasyHear (EH) Genius is a hearing device developed by Logital Co. Limited.

The Chinese name of **EasyHear** is “清晰聽” in Hong Kong, “易耳通” in Taiwan.

*In the USA, the registered name is **SuperHear** (SH).

EasyHear Genius

Model : EH V11.04b (White)
EH V11.04bb (Black)
EH V11.04bg (Gold)

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Introduction

Welcome

Thank you for purchasing EasyHear (EH) Genius (Model No.: EH V11.04b). We are confident that you will enjoy the convenience of using this hearing device, as well as the reliability of the device. This manual will offer you guidance on the operation, as well as information about safety and troubleshooting, etc.

Intended Use

EasyHear Genius is a wearable device intended for improving quality of life for hard of hearing people. It does not sustain or support life.

EasyHear Genius is a hearing device using 5G noise reduction beamforming technology, which focuses on the sound sources and suppresses surrounding noise. EasyHear Genius is embedded with Bluetooth and FM radio modules, which enables Bluetooth communication and radio function. It also provides the feature of hearing screening.

Compliance Information

This product has been designed to comply with international directives on the Restriction of Hazardous Substances (RoHS), FCC and CE certification.

Notes on Copyright

This product incorporates copyright protection technology and intellectual property rights (patented) owned by Logital Co. Limited. Brand name(s) mentioned in this manual is/are trademark(s) of Logital Co. Limited.

Safety Information

Cautions

- In order to save power, remember to power off the product (EasyHear Genius) when it is not in use.
- Children using the product must be under the guidance of adults.
- Keep the product dry and away from direct sunlight.
- Do not expose the product to excess liquid, moisture or humidity.
- Do not expose the battery to temperatures above + 40°C or below -10°C.
- Do not expose the product to open flames.
- Do not disassemble the product, except for changing the battery.
- Do not drop the product or subject it to strong shock.
- No user serviceable parts inside.
- Before disposal of the product, please remove the Li-ion rechargeable battery and return for recycle.

Cautions for Earphones

- Do not use earphones other than described in this manual.
- Keep the earphones and accessories out of reach of children. Improper use by children may pose a threat of death or serious injury to them. The earphones contain small parts and a cord that may cause choking or strangulation.
- If an earbud is lodged in your ear, seek medical assistance to remove the earbud. If you forcibly remove it without proper medical assistance, your ear may be injured.
- Before inserting the earphones into your ears, make sure that the earbuds are attached firmly to the earphones.
- If the earphones cause discomfort or irritation, stop using them. Consult a physician or audiologist if needed.
- Do not expose the earphones to high temperatures or strong magnetic fields.
- Do not immerse them in water. Avoid sharp blows to the earphones.

Cautions for Li-ion Rechargeable Battery

- Use only with N7100 Li-ion Rechargeable Battery.
- Risk of explosion if battery is replaced by an incorrect type.
- Do not expose the battery to high temperatures, e.g. direct sunlight or fire etc.
- Please recycle the old battery.

Cautions for AC/DC Power Adapter

- Only use power adapter with output of DC 5V, 800mA for battery charging.
- Should you notice any abnormality in the AC power adapter, unplug it from the AC power socket immediately.

Notes for Children (Under 3 years old)

Keep the product out of reach of children, except child users under the guidance of adults. Do not let children play with the main unit or its accessories. They could hurt themselves or others. The children could accidentally damage the product or accessories. Main unit or its accessories may contain small parts that could become detached and create a choking hazard.

Loudness Warning

Improper use or listening at uncomfortably high volume levels, particularly over extended periods of time, may damage your hearing.

For the first-time use, please turn the volume to a lower level before listening. After you are accustomed to the volume, gradually increase it if necessary.

Main Unit & Accessories

◆ **Main Unit:**

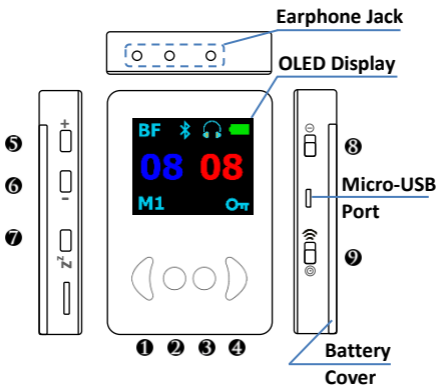
EasyHear Genius x 1

◆ **Accessories:**

- (1) Applied Part: EasyHear Stereo Earphone x 1 (with Small size Earbuds fitted)
- (2) Large and Medium size Earbuds x 1 pair each
- (3) Micro-USB Charging Cable x 1
- (4) EasyHear Genius User Manual x 1

Layout & Keys

Layout of Front and Side Panels

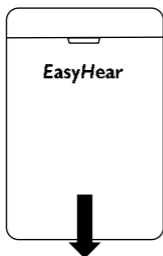


**Figure 1: Front and Side Panels of
EH Genius**

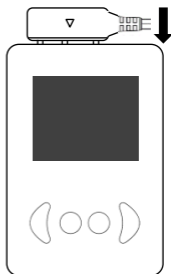
Keys		Descriptions
①	“LEFT” Button	Change EQ Mode <u>or</u> Left Selection
②	“EXIT” Button	Exit Page
③	“ENTER” Button	Confirm Selection <u>or</u> Press 3 seconds for BT/Radio Selection
④	“RIGHT” Button	Change EQ Mode <u>or</u> Right Selection
⑤	“VOLUME UP” Button	Increase Volume <u>or</u> Increase Level
⑥	“VOLUME DOWN” Button	Decrease Volume <u>or</u> Decrease Level
⑦	“KEYLOCK” Button	Press 1 second to Lock the Keypad <u>or</u> Press 2 seconds to Unlock the Keypad
⑧	Power On/Off Switch	Power On/Off the Unit.
⑨	BF/NC Mode Switch	BF/NC Operating Mode Selection

Table 1: Descriptions of Keys

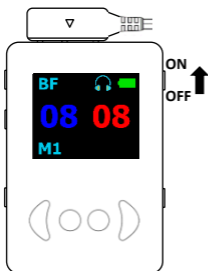
Start to Use



- (1) Open battery cover. Insert N7100 Li-ion rechargeable battery.



- (2) Insert the stereo earphone cable.



- (3) Switch on the main unit.



- (4) Adjust the output volume.

Wearing Earphones

The earphones can deliver the best performance if correctly inserted into the ears with absolute sealing achieved. To achieve the best performance, proceed as follows:

- (1) Identify the left and right earphones.
- (2) Hold the earphones with the cable pointing down, and the earbuds towards your head.
- (3) Insert the earbuds into your ear canals with a gentle push. Do not force the earphones into the ears. If you feel that the earbuds are too loose (insufficient sealing) or too tight (discomfort), try using another appropriate size.
- (4) The earbuds should seal the ear canal and fit without causing any discomfort.

To remove the earphones from the ears, hold them by the bud and pull them out gently with a small rotation in order to break the sealing.

Do not pull on the cable to remove the earphones from your ears.

Earbuds

The earphones come with earbuds which are washable. To change the earbuds, grab each earbud in the middle and pull it slowly until it comes loose. Do not use your fingernails or any sharp object to remove the earbuds, as otherwise they could be damaged.

Special Advice to User

- (1) Please point the microphones on the earphone cable forwards in order to obtain the optimum frontal focus - Beamforming (BF) and 360 degree listening and Noise Cancellation (NC) results.
- (2) You are recommended to use BF mode for frontal directionality, and use NC mode for 360 degree listening in quiet place and to listen to music. Try switching between BF / NC modes for optimal listening in different environments.

Operating Instructions

1. Table of Functions






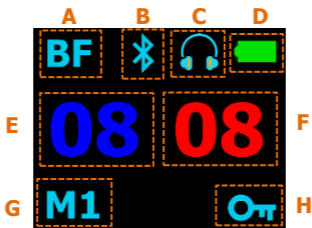
	EH Genius
Equalizer	
Frequency Band [Hz]	300, 500, 750, 1k, 1.5k, 2k, 3k, 4k
Gain Level	-6 to +6 (dB)
Dual Volume	1 to 12
AGC	
Bluetooth	
Radio	
Hearing screening	

Table 2 : Functions of EH Genius

2. Main Menu




	Descriptions
A	Current Operating Mode (Beamforming or Noise Cancellation Mode)
B	Bluetooth Icon (Indicates Bluetooth is On) <u>or</u> Bluetooth Device Icon (Indicates Bluetooth Device is Connected)
C	Earphone Icon (Indicates Earphone is Plugged in)
D	Battery Level (5 Levels) or Battery Charging Icon
E	Left Volume
F	Right Volume
G	Current Equalizer Mode Mode 1 (M1) to 4 (M4) or Lock Mode (LM)
H	Key lock Icon (Indicates the Keypad is Locked)

Figure 2: Main Menu

2.1 BF/NC Operating Mode Selection

Use slide button ⑨ for BF/NC operating mode selection, up for Beamforming mode (BF) and down for Noise Cancellation mode (NC). The current operating mode will be displayed at the top left corner.

2.2 Cable Detection






When the stereo earphone cable is plugged into the main unit, the cable  icon will be displayed at the upper edge of the OLED display within 3 seconds, and user can enjoy the sound.


2.3 Dual Volume Control

In the Main Menu, use ⑤ or ⑥ button to adjust the volume output for both left and right ears simultaneously.

2.4 Battery Level Indication

Battery Level Indication (5 levels):

Full	Level 3	Level 2	Level 1	Empty
				
Full	~75%	~50%	~25%	~5%

When battery level is under 5%, the empty battery icon  will flash continuously. Also, the earphones will output “Do Do” sound to alert user to charge the unit. In addition, the display brightness level will become the dimmest automatically in order to save battery power.

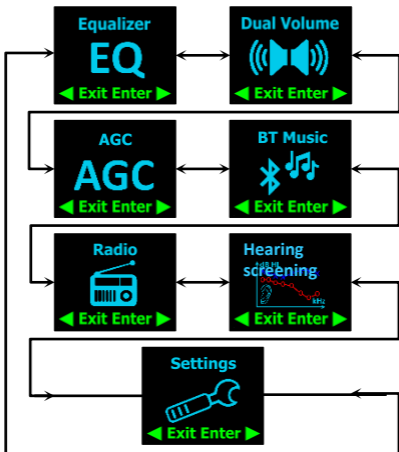
Notes:

- In order not to affect the Hearing screening, low battery alert sound is deactivated during test. In this case, the battery icon is still flashing for low-battery indication.
- The low battery alert sound will be disabled in Bluetooth Music, Bluetooth Phone Call and Radio Pages. However, the battery icon will still flash to alert user to charge the unit.

2.5 Main Menu Selection Menu

In the Main Menu, press enter **3** button to enter the selection menu. In selection menu, use left **1** or right **4** button to select an item, then use enter **3** button to enter the corresponding page.

There are 7 selection items in total, namely “Equalizer”, “Dual Volume”, “AGC”, “BT Music”, “Radio”, “Hearing screening” and “Settings”.



Use left ① or right ④ button to select main menu item. Use enter ③ button to enter selection page or use exit ② button to exit and back to main menu.

Figure 3: Main Menu Selection Menu

3. Equalizer

3.1 Preset Mode

In the Main Menu, use left **1** or right **4** button to select an equalizer (EQ) preset mode (M1 to M4). The selected EQ mode will be applied to the sound output immediately.



Use left **1** or right **4** button to select an equalizer preset mode (M1 to M4). The selected EQ mode will be applied to the sound output immediately.

Figure 4: Equalizer Preset Mode

3.2 EQ Setting

Press enter **3** button to enter EQ Setting page. Use left **1** or right **4** button to select the EQ mode you want to edit, then press enter **3** button to enter the editing page.

User can use left **1** or right **4** button to select an EQ band. In each EQ band, user can press **5** or **6** button to adjust the EQ gain level.

User can switch between left and right EQ channels by pressing enter **3** button. Use exit **2** button to return to EQ Setting page after finishing editing the EQ mode.

In EH Genius, there are 8 equalizer bands available, namely 300Hz, 500Hz, 750Hz, 1kHz, 1.5kHz, 2kHz, 3kHz and 4kHz. For each EQ band, there are 5 EQ gain levels: --6, -3, 0, +3, +6.

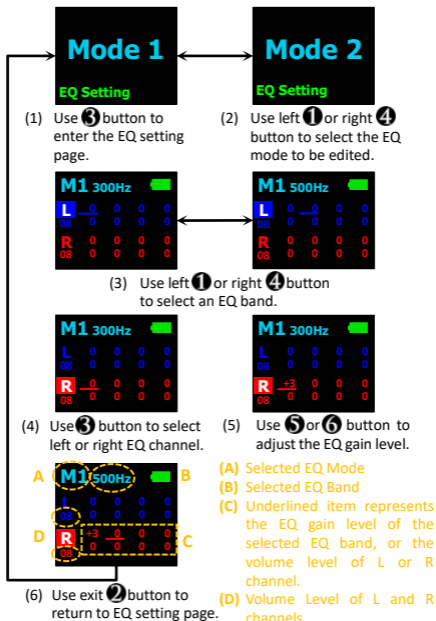


Figure 5: Equalizer Setting

4. Dual Volume

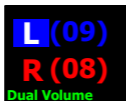
Use enter **3** button to confirm selection and enter Dual Volume page.

Use **5** or **6** button to adjust the volume level of left or right channel. Use enter **3** button to switch between left and right channels.

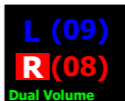
The maximum volume level for EH Genius is 12 respectively.



- (1) Use enter **3** button to enter Dual Volume page.



- (2) Use **5** or **6** button to adjust the volume level.



- (3) Use enter **3** button to select left or right channel.

Figure 6: Dual Volume Control

5. Automatic Gain Control

Automatic Gain Control (AGC) is used to automatically adjust the output sound volume of the main unit. It can be enabled or disabled by user manually.

Three AGC levels can be chosen, namely 01, 02 and 03. The corresponding recommended environments are listed in the following table:

AGC Level	Recommended Environment
01	Quiet / Indoor Environment (e.g. office)
02	Noisy / Outdoor Environment (e.g. street)
03	Very Noisy Environment (e.g. crowded street or restaurant)

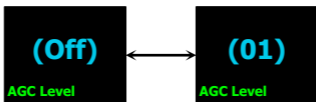
Table 3: AGC Levels and Recommended Environments

If input sound volume exceeds the specified level, AGC will automatically decrease the output sound volume. It is especially useful for suppressing nearby speech (e.g. user's own voice).

Use enter **3** button to enter the Automatic Gain Control (AGC) page. In the AGC page, use left **1** or right **4** button to select an AGC level among OFF, 01, 02 and 03. To exit the AGC page, use exit **2** button.



- (1) Use enter **3** button to enter the AGC page.



- (2) Use left **1** or right **4** button to change the AGC level.
- (3) Use exit **2** button to exit the AGC page.

Figure 7: Automatic Gain Control (AGC)

6. Bluetooth (BT)

6.1 Bluetooth ON/OFF

In the Main Menu, press enter **3** button for 3 seconds or more to enter the BT / Radio selection page. Use left **1** or right **4** button to choose BT, then press enter **3** button to switch on / off BT. If BT is switched on successfully, the BT icon will be displayed at the upper edge of the OLED display.



(1) Bluetooth / Radio selection page.



(2) Bluetooth is Off.




(3) Bluetooth is On.

Figure 8: Bluetooth ON/OFF

(**Note:** In order not to affect Hearing screening, BT will be powered off automatically in Hearing screening page. After exiting the Hearing screening, BT will be resumed.)

6.2 Bluetooth Device Pairing Up

6.2.1 First Connection

- (i) Turn on the Bluetooth function.
- (ii) In your BT device, search and pair “**EasyHear Genius**”.
- (iii) After successful connection, the BT icon will be replaced by the BT Phone  icon.

(**Note:** In order to save power, BT pairing function will last for 3 minutes only. If user fails to connect his/her BT device within 3 minutes, please restart the BT function of the main unit and repeat the above pairing process.)



(1) Bluetooth is switched on.



(2) BT device is connected successfully

Figure 9: Bluetooth Device Pairing Up

6.2.2 Auto Connection

After the first connection, whenever the BT function of the main unit is turned on, it will be automatically connected to the BT device that was successfully paired with last time.

6.3 Bluetooth Music

In the Main Menu, choose BT Music and press enter **3** button to confirm selection. The BT function will be turned on automatically, facilitating the connection between the main unit and the BT device.

When the connection is established successfully, user can enjoy music and multi-media programs through the main unit.

In BT Music page, use enter **3** button to play or pause your BT music player. You can use left **1** or right **4** button to choose the previous or next music track.

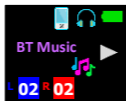
In BT Music player, left and right volume can be adjusted independently. You can press **5** or **6** button for 3 seconds or more to select left / right / dual volume control. Then, use **5** or **6** button to adjust the corresponding music volume level (1 to 20).

Due to the different features of different BT devices, after the first BT connection, the BT music volume may not be resumed to the same volume level as the last connection.

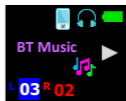
In BT Music page, if the keypad is locked, user can press **7** button for 2 seconds or more to unlock the keypad. Alternatively, press **7** button for 4 seconds or more to unlock the keypad and exit BT Music page.



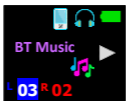
- (1) Use enter **3** button to enter BT Music page.



- (2) Press **5** or **6** button for 3 seconds to choose L / R / dual volume control.



- (3) Use **5** or **6** button to adjust the music volume.



- (4) Use enter **3** button to play or pause the music. Use left **1** or right **4** button to choose the previous or next track.

Figure 10: Bluetooth Music

6.4 Bluetooth Phone Call

6.4.1 Phone Call Display

When there is an incoming call, the caller number will be displayed if available. Use left **1** or right **4** button to reject or accept the phone call.

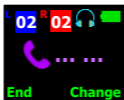


- (1) Use left **1** or right **4** button to reject or accept the phone call.
- (2) Use **5** or **6** button to adjust the Ringtone (RT) volume (1 to 10).

Figure 11: Bluetooth Phone Call

6.4.2 Phone Call Control

When phone call is connected, use **5** or **6** button to adjust the phone call volume. Use left **1** button to end the phone call.



- (1) Press **5** or **6** for 3 seconds to select L / R / dual volume control. Use **5** or **6** to adjust the phone call volume.
- (2) Use left **1** button to end the call, or right **4** button to switch the sound output between the BT device and the main unit.

Figure 12: Bluetooth Phone Call Control

7. Radio

7.1 Radio On

In the Main Menu, press enter **3** button for 3 seconds or more to enter the BT / Radio selection page. Use left **1** or right **4** button to select Radio, then press enter **3** button to turn on Radio. Alternatively, select “Radio” in Main Menu selection page, and press enter **3** button to confirm selection.



- (1) Select “Radio” in Bluetooth / Radio selection page or Main Menu selection page.



- (2) Use left **1** or right **4** button to select “Preset Mode” or “Seek Mode”, then press enter **3** button to confirm selection.

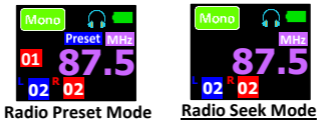


Figure 13: Radio On

7.2 Seek Mode

7.2.1 Manual Seek

User can use left **1** or **4** right button to tune the FM radio frequency (87.5 to 107.9MHz) in a step of 0.1MHz. Use **5** or **6** button to adjust the radio volume level (1 to 20).



- (1) Use left **1** or right **4** button to tune the radio frequency. Use **5** or **6** button to adjust the radio volume level.

Figure 14: Manual Seek

7.2.2 Auto Seek

In Radio page, press left **1** or right **4** button for 3 seconds or more to seek downwards or upwards for a valid radio channel automatically.



- (1) Press left **1** or right **4** button for 3 seconds or more to seek downwards or upwards for a valid radio channel automatically.

Figure 15: Auto Seek

User can store the current radio channel by pressing enter **3** button. Use left **1** or right **4** button to choose a memory location (1 to 16), then press enter **3** button to confirm storage, or press exit **2** button to cancel storage.



- (1) Press enter **3** button to store the current radio channel.



- (2) Use left **1** or right **4** button to choose a memory location, and press enter **3** button to confirm.



- (3) The stored location will be shown to the left of the radio channel.

Figure 16: Radio Channel Storage

7.3 Preset Mode

In Radio Preset Mode, use left **1** or right **4** button to select a stored FM radio channel. Press **5** or **6** button for 3 seconds or more to choose left, right or dual volume control. Then, press **5** or **6** button to adjust the radio volume (1 to 20). Press exit **2** button to exit Radio Preset Mode.



- (1) Use left **1** or right **4** button to select a stored FM radio channel.





- (2) After choosing L / R / Dual volume control, use **5** or **6** button to adjust the radio volume.

Figure 17: Radio Preset Mode

8. Hearing screening

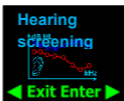
8.1 Starting hearing screening feature

In EH Genius main menu, select Hearing screening and use  enter button to confirm selection. If battery level is low, user cannot enter Hearing screening. EH Genius will remind user to charge the battery.

In Hearing screening page, user has to insert the earphone cable, then press button to start the Hearing screening feature. Hearing screening feature will be started from left or right ear randomly. Sound with different frequencies and different sound levels will be generated. If user can hear the sound, press button for acknowledgement. If user cannot hear any sound, please wait for the next sound patiently. Hearing screening implementation for another ear will be followed once the procedure of first ear. If user can hear the sound at right ear, press  button for confirmation.

After finishing the whole procedures of left and right ears, the result will be displayed and stored in Result 1. The past

records could be checked through Result 2 to 4. The oldest record is removed



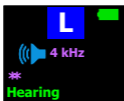
- (1) Press button **3** to select Hearing screening



- (2) Press button **3** to start the procedure for left ear



- (3) Press button **3** if you can hear any beep sound. Do the same with different frequencies



- (3) Left ear, as the default, is selected for start first, then right ear is used. Results will be displayed once after the test is completed.

automatically when new record is stored.

Figure 18: Hearing screening

In order not to affect the implementation of Hearing screening, the low battery "Do Do" alert sound will be disabled and BT power will be switched off. All functions

will be resumed after exit from the application of Hearing screening.

Notes:

- (1) The reliability of Hearing screening result depends on your environment. The result can only reflect your hearing status, and not appropriate for diagnostic purpose. Please seek professional advice if you have any question regarding audiological aspect.
- (2) Please carry out the procedure of Hearing screening alone in a quiet environment, to avoid disturbance. The quieter environment provides more accurate result.
- (3) To guarantee the most accurate results, please ensure the earbuds are fully inserted into the ears when wearing the earphones.
- (4) User should be healthy and relaxed during the procedure of Hearing screening.
- (5) If you feel unwell, e.g. cold or flu, please do not conduct the procedure of Hearing screening.
- (6) Please turn off mobile phone before the procedure of Hearing screening, so as to avoid any disturbance.

- (7) Please perform the procedure of Hearing screening at least twice. Use only the latest results.

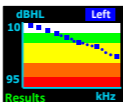
8.2 Results of Hearing screening

Three different formats of result:

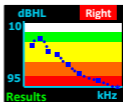
- (1) List out the level in numeric value
- (2) Plot the left ear results in profile graph
- (3) Plot the right ear results in profile graph

	300	500	750	1k
	1.5k	2k	3k	4k
L	10	15	20	25
	30	40	45	60
R	45	35	55	60
	75	90	100	*NR

- (1) Results in numeric value



- (2) Left ear results in profile graph



- (3) Right ear results in profile graph

graph

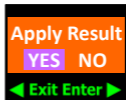
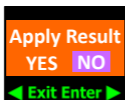
REMARKS: Use button **1** (left) or **4** (right) to change the format of result.

Figure 19: Result of Hearing screening

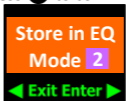
To exit the application of Hearing screening, please press button **2**.

User can choose to apply the measured results or not. If the results are applied, the profile data will be saved and new setting will be used in EH Genius.

8.2 User can choose the EQ store position as they want (Mode 1 to 4), and can apply the corresponding settings to EH Genius in Equalizer page.



- (1) Press ② to exit Hearing screening. Press ① or ④ buttons to choose whether to apply the results of Hearing screening or not. Press ③ to confirm the



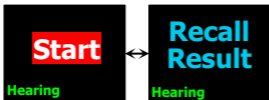
- (2) How to apply the results of Hearing screening:
Press button ① or ④ to choose the location of storage. Then, press ③ to confirm and exit it

Figure 20: How to apply and store the results of Hearing screening

(**Note:** In order to protect users' hearing, the volume and equalizer settings adjusted according to the results of Hearing screening have an upper limit. User may need to fine tune the settings, in order to achieve the best hearing effect. Please contact the hearing consultant if need.)

8.3 Recall Result

- (1) In the application of Hearing screening, use left **1** or right **4** button to choose “Start”, “Recall Result” or “HL Index”, and use enter **3** button to confirm selection or use exit **2** button to return to main



- (2) Use enter **3** button to recall previous results

- (3) User can recall up to 4 past results. Result 1 is the latest one and Result 4 is the oldest one.



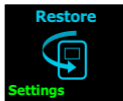
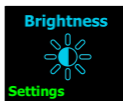
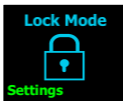
Figure 21: Recall the Results

9. Settings

In the Main Menu Selection Menu, choose “Settings” and confirm selection by pressing enter **3** button. In the Settings Menu, there are 7 items for selection: “Language”, “Lock Mode”, “Brightness”, “Key Lock Time”, “Multimedia Environment”, “Restore” and “Software Version”. Use left **1** or right **4** button to select an item, then press enter **3** button to confirm selection.



- (1) Use enter **3** button to enter Settings Menu.



- (2) Use left **1** or right **4** button to select an item, then press enter **3** button to confirm selection.

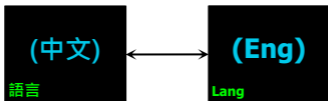
Figure 22: Selection in Settings

9.1 Language

Select “Language” in Settings Menu, and press enter **3** button to confirm selection. User can press left **1** or right **4** button to change the display language. The selected language will be applied to the main unit immediately. Use exit **2** button to return to the Settings Menu.



- (1) Use enter **3** button to enter Language page.



- (2) Use left **1** or right **4** button to change the display language. Press exit **2** button to exit.

Figure 23: Language Selection

9.2 Lock Mode

Select “Lock Mode” in Settings Menu, and press enter **3** button to confirm selection. Use left **1** or right **4** button to switch the lock mode on or off, and press exit **2** button to return to Settings Menu.

When lock mode is on, user can only increase / decrease the main unit volume by at most 3 levels. The EQ settings cannot be adjusted. In the Main Menu, “LM” will be displayed at the bottom left corner.

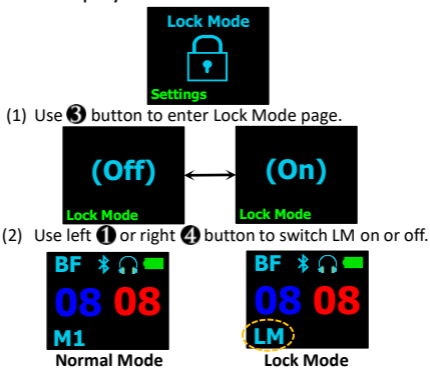


Figure 24: Lock Mode

9.3 Brightness

Select “Brightness” in Settings Menu, and press enter **3** button to confirm selection. Use left **1** or right **4** button to change the brightness level (1 to 4). 1 is the dimmest (most power efficient) while 4 is the brightest (least power efficient). The brightness level will be applied to the display immediately. Finally, press exit **2** button to return to Settings Menu.

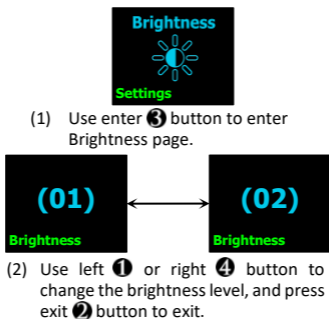


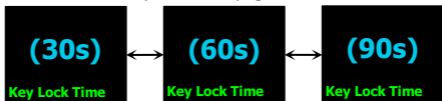
Figure 25: Brightness Setting

9.4 Key Lock Time

Select “Key Lock Time” in Settings Menu, and press enter **3** button to confirm selection. Use left **1** or right **4** button to change the key lock time (30, 60 or 90 seconds). Finally, press exit **2** button to return to Settings Menu.



- (1) Use enter **3** button to enter Key Lock Time page.

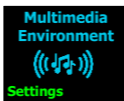


- (2) Use left **1** or right **4** button to change the key lock time, and press exit **2** button to exit.

Figure 26: Key Lock Time Selection

9.5 Multimedia Environment

Select “Multimedia Environment” in Settings Menu, and press enter **3** button to confirm selection. Use left **1** or right **4** button to select an environmental sound level for multimedia player (25%, 50%, 75% or 100%), or to switch off the function. If Multimedia Environment is switched on, user can hear environmental sound even when he/she is enjoying multimedia. Finally, press exit **2** button to return to Settings Menu.



- (1) Use enter **3** button to enter Multimedia Environment page.



- (2) Use left **1** or right **4** button to change the multimedia environmental sound level, and press exit **2** button to exit.

Figure 27: Multimedia Environment Selection

9.6 Restore

Select “Restore” in Settings Menu, and press enter **3** button to enter Restore page. Use left **1** or right **4** button to select whether to restore default settings or not. Press enter **3** button to confirm selection.

If user chooses “Yes”, all volume levels and equalizer settings will be deleted, and restored to default levels. The main unit will return to Main Menu after the factory restore process. If user chooses “No”, the main unit will return to Settings Menu.

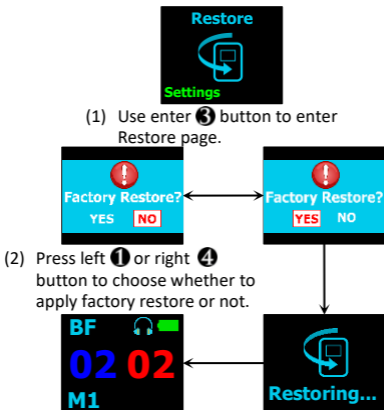


Figure 28: Factory Restore

9.7 Software Version

Select “Software Version” in Settings Menu to check the current software version.



Figure 29: Software Version

10. Keypad Lock & Unlock

The keypad will be locked after it has been idling for the key lock time selected by the user, in order to save power. Alternatively, user can lock the keypad by pressing **7** button for 1 second or more. When the keypad is locked, the lock icon will be displayed at the bottom right corner. User can press **7** button for 2 seconds or more to unlock the keypad.

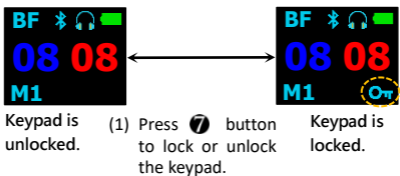


Figure 30: Keypad Lock and Unlock

When the keypad is locked, user can still use **9** button to switch between BF / NC operating modes.

11. Battery Charging

When the USB charging cable is inserted, the battery charging icon will be displayed at the top right corner. The battery charging icon will flash when battery is charging, and it will stop flashing when the battery is fully charged. The battery icon will be displayed again when the charging cable is detached.



- (1) When the battery is charging, battery charging icon will flash.



- (2) When charging is completed, the full battery charging icon will be displayed.



- (3) When charging cable is detached, the battery icon will be displayed.

Figure 31: Battery Charging Display

If the battery icon keeps flashing after charging for a long time, please replace the battery or contact EH customer service center or your distributor.

Maintenance & Storage

Maintenance:

- Please keep the main unit clean.
- Please use soft dry cloth to clean dust on the main unit.
(Please avoid any liquid entering the main unit.)
- The earbuds should be cleaned regularly with water and mild soap, or with an antiseptic wipe.
- Please ensure the earbuds are dry and clean before wearing the earphones.

Storage:

- Do not store the main unit or accessories in:
 - (1) An environment where they can get wet easily, or;
 - (2) An environment with high temperature, high humidity, direct sunlight, dusty air or corrosive gases.
- Please remove the Li-ion rechargeable battery if the main unit will be disused for more than 3 months.

Troubleshooting

Problem(s)	Suggested Solution(s)
No display is shown when power is on.	<ul style="list-style-type: none">(a) Re-insert the battery and power on main unit again.(b) Battery level is too low. Recharge the battery or replace it with a fully charged battery.
Earphone cable cannot be detected.	<ul style="list-style-type: none">(a) Please ensure the earphone cable is plugged in completely.(b) Restart the main unit and re-plug in the earphone cable.
Powers off automatically.	<ul style="list-style-type: none">(a) Battery level is too low. Recharge the battery or replace it with a fully charged battery.
Bluetooth connection fails.	<ul style="list-style-type: none">(a) Turn on the BT function before switching on the pair-up function of your BT device.(b) BT pairing time has expired. Restart the BT function of the main unit, and reconnect your BT device with the main unit again.

BT function cannot work properly.	(a) In your BT device, unpaired main unit. Restart the BT function of the main unit, then reconnect it with your BT device again.
No sound output.	(a) Please ensure the power is on. (b) Please ensure the Earphone cable is plugged in completely. (c) Volume is too low. Increase the volume. (d) Battery level is too low. Recharge the battery or replace it with a fully charged battery.
Charge indicator is not shown when USB cable is connected.	(a) Check the USB connection between main unit and power adapter. (b) Make sure the main unit power is on.
Charging icon keeps flashing after charging for a long time.	(a) Please replace the battery with a new one.

Note: Main unit can still be charged with power switch in OFF position, although the charge indicator will not be shown in this case.

Please contact EH customer service centre or your distributor, if the problem(s) cannot be fixed by the suggested solution(s) above.

Specification

Product : **EasyHear** Genius

Model : EH V11.04b

Power Input : Li-ion Rechargeable Battery
N7100 (DC3.8V 500mA)

Operating and Charging Time

- ◆ Normal operating time:
about 9 – 10 hours if Bluetooth is disabled.
- ◆ Normal charging time:
 - about 6 – 6.5 hours when using 5V
800mA power adapter

Typical Service Life

- ◆ Main Unit : 1 Years
- ◆ Earphone Cable : 1 Years
- ◆ Rechargeable Battery :
Charge for at least 300 times

Operating, Storage and Transport Conditions

Operating Conditions

Temperature: +10°C to +40°C

Relative Humidity: 15% to 93%

Atmospheric Pressure: 700 to 1060hPa

Storage and Transport Conditions (without battery)

Temperature: +10°C to +40°C

Relative Humidity: 15% to 60%

Atmospheric Pressure: 700 to 1060hPa

Storage and Transport Conditions (for battery)

Temperature: +10°C to +40°C

Relative Humidity: 15% to 60%

Atmospheric Pressure: 700 to 1060hPa

Accessory List

(1) Li-ion Rechargeable Battery (Optional)

Model : N7100

Output : 3.8V 3100mAh

Manufacturer : Logital Co. Limited

(2) EH Stereo Earphone Cable (Applied part)

Model : HP_0011

(3) Micro-USB Charging Cable

Model : USB_0002

(4) AC/DC Power Adapter (Optional)

Model : SK01G-0500080Z

Input : AC 100-240V 50/60Hz 0.2A

Output : DC 5V 800mA

Please use original Logital accessories. Using third-party accessories may decrease product performance and/or pose a risk to personal safety.

Never use accessories from other manufacturers. They are not compatible with the main unit and can adversely affect the frequency response of your earphones and/or the main unit, damage them or even cause injury.



Warning

Warning: 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.

NOTE: 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.
- 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.

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.

Warning

Interference with active implants

- In order to show caution, we advise to follow the guidelines recommended by manufacturers of defibrillators and pacemakers regarding use of mobile phones.
- If you wear an active implantable device keep the Wireless Hearing devices at least 15 cm away from the implant.
- If you experience any interference, do not use the hearing devices and contact the manufacturer of the implant. Please note that interference can also be caused by power lines, electrostatic discharge, airport metal detectors etc.
- If you have an active brain implant, please contact the manufacturer of the implant for risk evaluation.
- If you have an implantable device, we advise to keep magnets* at least 15 cm away from the implant.

(* = can be specified as Autophone magnet, hearing instrument case, magnet in a tool, etc.)



Caution

- Your hearing device has been tested for interference according to international standards. Nevertheless, it is possible that unforeseen interference may occur in the hearing device due to electromagnetic radiation from other products such as alarm systems, room surveillance equipment and mobile phones.
- Although your hearing device has been designed to comply with the most stringent international electromagnetic compatibility standards, the possibility cannot be excluded that it may cause interference with other equipment, such as medical devices.

Additional Safety Information

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.

To completely disconnect the power input, the AC/DC adaptor of apparatus shall be disconnected from the mains.

The disconnect device is the AC/DC adaptor of apparatus. The AC/DC adaptor of apparatus should not be obstructed OR should be easily accessed during intended use. Do not use product under charging.

Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Excessive sound pressure from earphones or headphones can cause hearing loss.

The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could

not resume, please use the product in other location.






Disposal of Product





To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this product and its electronic accessories from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste. Follow all local regulations when disposing of used battery or device and/or recycle them through your local, free battery return system.

Symbols & Descriptions

Warning symbols are indicated for safe and proper use of this product and prevention of any injury to you and others. See table below for description of warning symbols.

Symbols	Descriptions
	Type B Applied Part
	Symbol for "Consult Instructions for Use" or "Consult Instruction Manual"
	Refer to Instruction Manual.
	Mandatory marking for devices entering the European market to indicate conformity with the essential health and safety requirements set out in European Directives.
	This device complies with Part 15 of the FCC Rules.

	Direct Current.
	This marking on the product, accessories or literature indicates that the product and its electronic accessories should not be disposed of with other household waste.
	The official recycling symbol of Environmental Protection Administration, Executive Yuan, Taiwan.
	Recycled Paper Symbol indicates product contains recycled paper.

Disclaimers

Logital Co. Limited does not assume any liability, obligation or legal responsibility for any damage to the hearing or any other bodily harm whatsoever that using EH Genius may have caused to the users. Users are strongly advised to read and are supposed to have read this User Manual with care.

Contact Information

Manufacturer:

Logital Co. Limited

Manufacturer Address:

Room 901-902, 9/F, Nathan Centre,
580G-K Nathan Road,
Mong Kok, Kowloon, Hong Kong

Customer Service Centre:**Hong Kong EasyHear Hearing Centre**

Suite 1711, 17/F,
Hang Lung Centre,
2-20 Paterson Street,
Causeway Bay, Hong Kong

Kowloon EasyHear Hearing Centre

Unit 10C, 10/F,
Hua Chiao Commercial Centre,
678 Nathan Road,
Mong Kok, Kowloon, Hong Kong