



Simple Owner's Manual

LG TONE Free

Bluetooth® LG Stereo Headset

ENGLISH

繁體中文

✔ **NOTE:** Please read all information carefully prior to using the headset in order to prevent product damage and to enjoy the best performance.

Rev 2.0 HK

Any modifications or changes to this manual due to typographical errors or inaccuracies of stated information shall only be made by LG Electronics Inc.

TONE-T90Q

www.lg.com

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Product Components



LG TONE Free®
Earbuds (medium
eargels installed)
UV Charging Case



Extra Ear Gels
(small & large)



USB Type-C™
Charging and
Data cable



USB-C™ to AUX cable



Simple Owner's
Manual



Warranty Card

✓ **NOTE:** Actual product design may differ from images shown in manual.

CAUTION

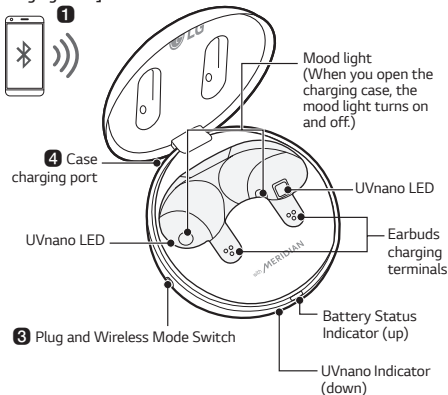
Make sure authentic LG Electronics components are used. Using a non-authentic component may damage the product. The LG limited warranty does not cover damage caused by the use of non-authentic components. Use the USB Type-C™ Charging and Data cable/USB-C™ to AUX cable provided with the product.



Download Manual

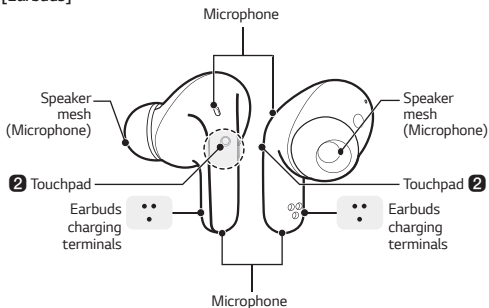
Overview

[Charging Case]



[Earbuds]

ENGLISH



- *Make sure that the Earbuds charging terminal is not soiled with foreign substance.
- *The appearance and specifications of the actual product may differ depending on the model.
- *To replace the ear gel, align the hole shape of the ear gel with the protrusion of the earbuds and fasten it.

Using the Earbuds

1 Connect the Earbuds to a mobile phone via Bluetooth

- 1 Tap the **Setting** [⚙️] app on your mobile phone. Select [Bluetooth] and then turn on the Bluetooth function. (Off > On)
- 2 Open the cover of the charging case with the earbuds mounted on the case.
The battery status indicator on the front will blink blue.
If the battery status light does not blink blue, or if you want to connect a device other than the one already connected, press and hold the touchpad of the left or right earbud for 3 to 5 seconds.



- 3 When the Fast Pair connection pop-up appears on the bottom of the mobile phone screen, tap it to connect.
 - 4 If the pop-up does not appear, select [TONE-T90Q] from the Bluetooth menu on the mobile phone and connect it.
- In the list of Bluetooth connected devices, TONE-T90Q_LE is not the correct model name for connection.
Check the model name in use and connect with the model name without "LE".

2 Using the Earbuds with touch

Touch the earbuds to play or pause music, answer or reject calls.

You can change how the function works in the touchpad settings of the "LG TONE Free" app.

Description	Mobile Calling Functions	Playing Music	Plug and Wireless Mode	Listen to the Ambient Sound (LAS) / Active Noise Cancellation (ANC)
 Touch once	Answering Calls	Play / Pause	Mute or Unmute	-
 Touch twice	Ending Calls	Decrease volume (Touch the left) Increase volume (Touch the right)		-
 Touch three times	-	Play Next	Play Next song (Connecting with USB audio device)	-
 Touch and hold	Rejecting Calls	-	-	Change the functions

- When the charging case is connected to an analog device, touching it three times triggers no response.

- Connect the charging case to a USB audio device and then touch once to play/pause music.

③ Connecting to an External Device(Plug and Wireless Mode)

You can connect the charging case to an analog device (airplane seat audio, treadmill, cassette, radio, TV, etc.) or a USB audio device (PC) to listen to the sound with the earbuds.

[How to connect analog devices]

- 1 Connect the USB-C™ side of the included USB-C™ to AUX cable to the charging case.
 - 2 Connect the AUX side to a device you want to use.
 - 3 Wear the earbuds.
 - 4 Push the Plug and Wireless Mode switch to the right to turn on the mode.
The indicator on the charging case flashes in green.
 - 5 Once the charging case is connected to the earbuds, the indicator turns off.
- To disconnect an external device, push the Plug and Wireless Mode switch to the left.
The indicator on the charging case flashes in blue and the earbuds reconnect to the device that was previously connected.
 - If the device is not found, the earbuds enter the Connection Ready mode.
 - Call function is not supported when connected to an analog device.

[How to connect USB audio device]

- 1 Connect the USB-C™ side of the included USB Type-C™ Charging and Data cable to the charging case.
- 2 Connect the USB-A side to a device you want to use.
- 3 Wear the earbuds.
- 4 Push the Plug and Wireless Mode switch to the right to turn on the mode.
The indicator on the charging case flashes in green.
- 5 Once the charging case is connected to the earbuds, the green indicator turns off and the case charging status is displayed.
 - To disconnect an external device, push the Plug and Wireless Mode switch to the left.
The indicator on the charging case flashes in blue and the earbuds reconnect to the device that was previously connected.
 - If the device is not found, the earbuds enter the Connection Ready mode.

4 Charging

[Wired Charging] With the earbuds mounted to the charging case, connect the charging cable to the charging case to charge. The earbuds and the charging case are charged at the same time.

- The UVnano LED operates for 10 minutes when mounted in the charging case while it is being charged.

[Wireless Charging] Align the bottom center of the charging case with the center of the wireless charger.

- When wirelessly charging, the UVnano LED sanitizes the earbuds' ear gels for 10 minutes before charging.

⚠ CAUTION: Be aware that the temperature of the earbuds may rise while the UVnano LED is on.

5 Connecting the LG TONE Free app

- 1 Search for "LG TONE Free" in the Google Play Store or App Store on your mobile phone or scan the QR code below to install the LG TONE Free app.
- 2 Run the app to use various functions. (Check Earbud Battery, Voice Alert, Change Equalizer Mode, Check Last Connected Location Information, and Find My Earbuds function, etc.)



<Android>



<iOS>

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Adaptive**

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The LG TONE Free (TONE-T90Q) is a lightweight wireless headset that uses *Bluetooth* technology.

This product can be used as an audio accessory for devices supporting either the A2DP or Hands-Free *Bluetooth* Profile.

Safety Precautions

The following safety precautions are provided to prevent any unexpected accident or damage. Please familiarise yourself with the safety precautions. The safety precautions are classified into "WARNING" and "CAUTION".

⚠ WARNING: Failing to comply with the instructions may result in serious injury or death.

⚠ CAUTION: Failing to comply with the instructions may result in minor injury or product damage.

⚠ WARNING

Do not drop the product from a high place.

Make sure there is no alcohol, or benzene in contact with the product.

Do not store the product in a wet or dusty place.

Do not place heavy objects on the product.

This product is waterproof to the IPX4 level (daily life waterproof). (The IPX4 waterproof rating applies to the earbud product only.)

Do not put the product under the water or use it in a humid location such as a bathroom.

 CAUTION

Do not disassemble, adjust, or repair the product.

Do not place the product near excessive heat or flammable material.

The product may be damaged if an incompatible charger is used.

Keep small components of the product away from infants or children.

Make sure that foreign objects do not enter the charger's connectors (Case charging port and power plug). Foreign objects in the charger's connectors may result in fire or electric shock.

If you have a medical device implanted, contact your doctor before using this device.

For your safety, do not remove the battery incorporated in the product.

This product has a built-in battery, and the battery cannot be removed or replaced.

If you arbitrarily replace the battery or don't replace it correctly, it may explode.

The lithium-ion battery is a hazardous component that can cause injury.

Battery replacement by an unqualified professional can cause damage to your device.

Do not discard the battery arbitrarily. Follow the local procedure for discarding batteries.

In order to prevent unnecessary energy consumption, disconnect the device when fully charged. Always use an easily accessible power outlet for charging your device.

Risk of fire or explosion if the battery is replaced by an incorrect type.

Do not store or transport at pressures lower than 11.6 kPa and at above 15000 m altitude.

Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types).

Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, may result in an explosion.

Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.

A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

Do not carelessly throw away old batteries. It can cause an explosion or fire. The disposal method may vary by country and region. Dispose of it in an appropriate manner.

Precautions When Using the Product

If the product is exposed to excessive sweat, Clean the product with dry cloth. Keep the earbuds clean.

Wearing earbuds for a long time may cause pain, and if humidity inside ears continues for a long time, it may cause skin trouble.

HD Speaker

If the communication network of the device you are connecting to supports HD Voice Calling, you can enjoy making voice calls and listening to music in high definition.

Troubleshooting

If you see any of the following symptoms while using the product, make sure to recheck it. It may not be a malfunction.

ENGLISH

Symptom	Cause and Solution
The power does not turn on	Check the battery level and charge it.
If unable to make a call with earbuds	If the mobile phone does not support headset and hands-free functions, you cannot use the calling features. Check the battery level and charge it.
If unable to register earbuds to mobile phone	Check whether power is turned on by opening the cover of the charging case. Check if the earbuds have entered the search mode. - While the earbuds are inserted in the charging case, press and hold the touch pad on the left or right earbud for 3 to 5 seconds to switch to the search mode. Check whether Plug and Wireless mode switch is turned on.
If you replaced the earbuds or there is a problem with the operation (Factory reset)	While the earbuds are inserted in the charging case, press and hold the touch pad on the left or right earbud for 10 seconds or more. - The battery status indicator of the charging case flashes red and the initialization to the factory status is carried out. After initialization to the factory status, reconnect the earbuds.

• Factory reset and Search mode cannot be used in Plug and Wireless mode.

Specifications and Features

Item	Comments
Bluetooth Specifications	V 5.3 (HSP/HFP/A2DP/AVRCP)
Battery	Earbud : 3.85 V / 51 mAh, Lithium-ion Charging case : 3.7 V / 390 mAh, Lithium-ion
Music Play Time Earbuds & With Charging case	ANC Off : Up to 9 & Up to 29 hours* ANC On : Up to 5 & Up to 16 hours*
Charging Time	Earbud : within an hour / Charging case : within 2 hours Fast Charging : 5 min charge for up to 60 min playtime* • When charging wired at room temperature
Rated Input Voltage	Earbud : 5 V  , 102 mA Charging case : 5 V  , 500 mA
Operating Temperature	0 °C ~ +40 °C
Operating Humidity	5 % ~ 60 %
Dimensions (mm) / Weight (g)	Earbud : 21.5 mm (W) X 27.7 mm (L) X 24.9 mm (H) / 5.3 g (One earbud) Charging case : 54.5 mm (W) X 54.5 mm (L) X 29.6 mm (H) / 39.3 g
Frequency range	2402 MHz to 2480 MHz

*Duration of use may vary depending on the connected mobile device, features being used, settings, signal strength, operating temperature, frequency band, and other methods of use.

Declaration of Confirmation

FCC NOTICE TO USERS:

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.

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

FCC Part 15.105 statement

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.

IMPORTANT NOTE:

To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void the user's authority to operate the device.

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**FCC ID: ZNFTONET90Q (Earbud) /
ZNFTONET90QC (Charging case)**

Additional Information

1. Radio frequency exposure

This *Bluetooth* LG Stereo Headset is a radio transmitter and receiver. When in operation, it communicates with a *Bluetooth*-equipped mobile device by receiving and transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2402 to 2480 MHz. Your *Bluetooth* headset is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with any compatible LG Electronics mobile phone.

2. *Bluetooth* connection precautions

The following environments affect the range and reception of *Bluetooth* signals:

- When walls, metal, human bodies, or other obstacles exist between the *Bluetooth* device and the connected device.
- When equipment that uses 2.4 GHz frequency signals (wireless LANs, wireless phones, microwave ovens, etc.) is placed near the devices being used.
- When using a *Bluetooth* device (TV, laptop, etc.) other than the mobile phone, the sound quality may be affected by the specifications and performance of the device.

3. Potentially explosive atmosphere

Turn off your electronic device when in any area with a potentially explosive atmosphere. Although this is uncommon, your electronic device could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Areas with a potentially explosive atmosphere are often but not always clearly marked.

4. Emergency calls

IMPORTANT!

This *Bluetooth* headset and the electronic device connected to the headset operate using radio signals and mobile and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore, you should never rely solely upon any electronic device for essential communications (e.g., medical emergencies). Remember, in order to make or receive calls, the headset and the electronic device connected to the headset must be switched on and in a service area with adequate mobile signal strength. Emergency calls may not be possible on all mobile phone networks or when certain network services

5. Battery information

A rechargeable battery has a long service life if treated properly. A new battery or one that has not been used for a long period of time could have reduced capacity the first few times it is used. Do not expose the battery to extreme temperatures, never above +50°C or below -10°C. For maximum battery capacity, use the battery at room temperature. If the battery is used in low temperatures, the battery capacity will be reduced. The battery can only be charged in temperatures between 0°C and +45°C.

6. Recycling the battery in your Bluetooth headset

The battery in your Bluetooth headset must be disposed of properly and should never be placed in municipal waste. The LG Electronics service partner that removes the battery will dispose of it according to local regulations. In case rechargeable battery is included in this product, the entire device should be recycled in compliance with rechargeable battery recycling standards because of the internal battery.

7. Conditions

- The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the product to be repaired or replaced. LG Electronics reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the product from the dealer.
- If LG Electronics repairs or replaces the product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of LG Electronics.
- This warranty does not cover any failure of the product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with instructions for use and maintenance of the product. Nor does this warranty cover any failure of the product due to accident, modification or adjustment, acts of God, or damage resulting from liquid.
- This warranty does not cover product failures due to improper repair installations, modifications, or service performed by a non-LG Electronics authorized person. Tampering with any of the seals on the product will void the warranty.
- THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF

THIS LIMITED WARRANTY. IN NO EVENT SHALL LG ELECTRONICS OR ITS VENDORS BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS, TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

- Some countries/states do not allow the exclusion or limitation of incidental or consequential damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you. The warranty provided does not affect the consumer's statutory rights under applicable national legislation in force, nor the consumer's rights against the dealer arising from their sales/purchase contract.

Limited Warranty

Subject to the conditions of this Limited Warranty, LG Electronics warrants this product to be free from defects in design, material, and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year. Should your product need warranty service, please return it to the dealer from whom it was purchased or contact your local LG Electronics contact center to get further information.

Important Safety Information

Avoiding hearing damage

Permanent hearing loss may occur if you use your headset at a high volume. Set the volume to a safe level. Over time you can become accustomed to a higher volume that may sound normal but can be damaging to your hearing.

If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time that is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use Headset at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.



Using headsets safely

Use of Headset to listen to music while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using this device if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit <https://opensource.lge.com>.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

RISK GROUP 3



WARNING : UV-C EMITTED FROM THIS PRODUCT. AVOID EYE AND SKIN EXPOSURE TO UNSHIELDED PRODUCT.

WARNING : IF YOU DON'T DO CHARGING OR IF YOU OPEN THE CHARGING CASE, THE UVNANO FUNCTION IS NOT ACTIVATED.

ENGLISH

Symbols

~	Refers to alternating current (AC).
==	Refers to direct current (DC).
□	Refers to class II equipment.
⏻	Refers to stand-by.
I	Refers to "ON" (power).
⚡	Refers to dangerous voltage.





入門用戶手冊

LG TONE Free

Bluetooth® LG 立體聲藍牙耳機

繁體中文

✓ **備註:** 為確保最佳性能及避免損壞或不正確使用此耳機， Rev 2.0 HK
請於使用前細閱所有資訊。

任何基於錯別字或不準確資訊而對本說明書所作出的修改，
僅應由 LG Electronics Inc. 進行。

TONE-T90Q

www.lg.com

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產品元件



LG TONE Free® 耳塞
(安裝中碼凝膠套)
紫外線滅菌充電盒



備用凝膠套
(細碼和大碼)



USB Type-C™
充電線和數據線



USB C™ 轉 AUX
數據線



入門用戶手冊



保用證

✓ **備註：**實際產品設計可能與手冊所示圖像不同。

⚠ 注意

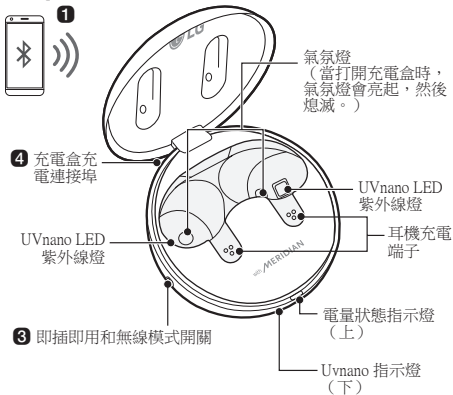
請務必使用 LG Electronics 原裝配件。使用非原裝配件可能會損害產品。LG 有限保養不涵蓋因使用非原裝配件而造成的損壞。使用產品隨附的 USB Type-C™ 充電線和數據線/USB-C™ 轉 AUX 數據線。

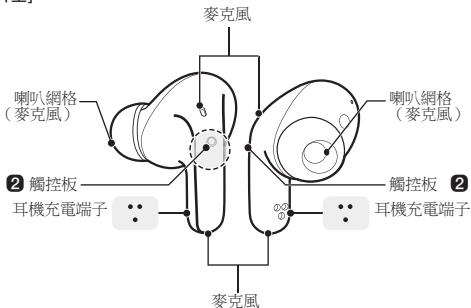


下載說明書

概覽

[充電盒]



[耳塞]

- *注意保持耳機充電端子清潔無異物。
- *實際產品外觀及規格可能因型號而異。
- *如要更換耳膠，請將耳膠的孔形與耳機的突出部分對齊並固定。

使用耳塞

1 透過藍牙將耳塞連接到手機

- 1 點選手機上的**設定** [設定圖示] 應用程式。選擇**藍牙**，然後開啟藍牙功能。
(☐ 關 > ☒ 開)
- 2 打開裝有耳塞的充電盒蓋。正面的電量狀態指示燈將閃爍藍色。
如果電量狀態指示燈未閃爍藍色，或者如果您要連接已連裝置以外的裝置，請長按左側耳塞或右側耳塞的觸控板 3 至 5 秒。



- 3 當手機螢幕底部區域出現「Fast Pair connection」（快速配對連接）彈出視窗時，輕觸該彈出視窗可進行連接。
- 4 如果未出現彈出視窗，請從手機上的藍牙選單中選擇 [TONE-T90Q] 進行連接。
 - 在藍牙已連裝置的列表內，TONE-T90Q_LE 並非要連接的正確型號名稱。
請檢查所使用裝置的型號名稱，並使用不含「LE」字樣的型號名稱進行連接。

2 透過觸控使用耳塞

輕觸耳塞可播放或暫停音樂、接聽或拒接電話。

您可以在「LG TONE Free」應用程式的觸控板設定中更改該功能的運作方式。

簡介	行動電話通話功能	播放音樂	即插即用和無線模式	聆聽環境聲 (LAS)/主動降噪 (ANC)
 輕觸一下	接聽來電	播放／暫停	靜音或取消靜音	-
 輕觸兩下	結束通話	降低音量 (輕觸左側) 提高音量 (輕觸右側)		-
 輕觸三下	-	播放下一首	播放下一首歌曲 (連接 USB 音訊裝置)	-
 輕觸並長按	拒絕來電	-	-	更改功能

• 充電盒連接至模擬裝置時，輕觸三下無反應。

- 將充電盒連接到 USB 音訊裝置，然後輕觸一下可播放/暫停音樂。

③ 連接到外部裝置（即插即用和無線模式）

您可以將充電盒連接到模擬裝置（飛機座椅音訊、跑步機、磁帶、收音機、電視等）或 USB 音訊裝置 (PC)，透過耳塞收聽聲音。

[如何連接模擬裝置]

- 1 將隨附 USB-C™ 轉 AUX 數據線的 USB-C™ 端連接到充電盒。
 - 2 將 AUX 端連接到您要使用的裝置。
 - 3 戴上耳塞。
 - 4 將即插即用和無線模式開關推至右側啟動該模式。
充電盒上的指示燈顯示綠色閃爍。
 - 5 一旦充電盒連線至耳塞，指示燈就會熄滅。
- 如要取消連接外部裝置，請將即插即用和無線模式開關推至左側。充電盒上的指示燈閃爍藍色，耳塞重新連接到之前連接的裝置。
 - 如果未找到裝置，耳塞將進入準備連線模式。
 - 連接模擬裝置後不支援通話功能。

[如何連接 USB 音訊裝置]

- 1 將隨附 USB-Type-C™ 充電線和數據線的 USB-C™ 端連接到充電盒。
 - 2 將 USB-A 端連接到您要使用的裝置。
 - 3 戴上耳塞。
 - 4 將即插即用和無線模式開關推至右側啟動該模式。
充電盒上的指示燈顯示綠色閃爍。
 - 5 充電盒與耳塞連接後，綠色指示燈會熄滅，轉而顯示充電盒的充電狀態。
- 如要取消連接外部裝置，請將即插即用和無線模式開關推至左側。充電盒上的指示燈閃爍藍色，耳塞重新連接到之前連接的裝置。
 - 如果未找到裝置，耳塞將進入準備連線模式。

4 正在充電

[有線充電] 將耳塞安裝到充電盒上，將充電線連接到充電盒進行充電。耳塞及充電盒會同時進行充電。

- 充電時，安裝在充電盒中的 UVnano LED 可運作 10 分鐘。

[無線充電] 將充電盒底部的中心位置對準無線充電器的中心位置。

• 無線充電時，UVnano LED 會在充電前對耳塞的凝膠套消毒 10 分鐘。

⚠️注意：UVnano LED 紫外線燈開啟時，請留意耳塞溫度可能會升高。

5 連接到 LG TONE Free 應用程式

- 1 在手機上的 Google Play Store 或 App Store 中搜尋「LG TONE Free」或掃描下方二維碼安裝 LG TONE Free 應用程式。
- 2 執行應用程式以使用各種功能。（檢查耳塞電池、語音提示、更改等化器模式、檢查上次連接的位置訊息、查找我的耳塞功能等）



<Android>



<iOS>

 **Dolby Atmos****Qualcomm® aptX™
Adaptive**

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Snapdragon Sound 為 Qualcomm Technologies, Inc. 及其子公司的產品。

Snapdragon 和 Snapdragon Sound 是 Qualcomm Incorporated 的商標或註冊商標。

LG TONE Free (TONE-T90Q) 是使用藍牙技術的輕巧無線耳機。
此產品可用作支援 A2DP 或免持藍牙設定檔裝置的音訊配件。

安全注意事項

以下安全注意事項旨在避免發生任何意外事故或損害。請熟讀這些安全注意事項。安全注意事項分為「警告」及「注意」。

⚠警告：不遵循說明可能會導致嚴重傷害或死亡。

⚠注意：不遵循說明可能會導致輕微傷害或產品損壞。

⚠警告

請勿將本產品從高處掉落。

請確保本產品不接觸酒精或苯類物質。

請勿將本產品放置於潮濕或多塵的地方。

請勿在本產品上放置重物。

本產品具備 IPX4 防水等級（日常防水）。（IPX4 防水等級僅適用於耳塞產品。）請勿將本產品放入水中，或於潮濕地方（如浴室）使用。

⚠ 注意

請勿拆解、調整或維修本產品。

請勿將本產品放置於過熱或易燃物品附近。

如使用不相容的充電器，可能會導致本產品損壞。

請讓嬰童遠離產品所含小配件。

請確保沒有異物進入充電器的接口（充電盒充電連接埠及電源插頭）。充電器連接器中如有異物，可引致起火或觸電。

如您體內有植入式醫療裝置，請於使用本裝置前，聯絡您的醫生。

為確保您的安全，請勿拆除本產品的內置電池。

本產品含有內置電池，且電池不可拆除或更換。

擅自更換電池或更換不正確，可能會導致爆炸。

鋰電池屬於危險零件，可能會導致傷害。

由非專業人士更換電池，可能會損壞裝置。

請勿隨意棄置電池。請依照當地電池棄置指引。

為防止不必要的能耗，請在充滿電後斷開裝置與電源的連接。請始終使用易於使用的電源插座為您的裝置充電。

若使用類型不當的電池，則有起火或發生爆炸的危險。

請勿在低於 11.6 kPa 的壓力和高於 15,000 米 的海拔高度下儲存或運輸。

更換類型不當的電池可能會破壞安全防護（例如，某些鋰電池類型）。

將電池丟入火中或焗爐，或以機械方式壓碎或切割電池，可能會導致爆炸。

當電池處於極高溫度下，可能會導致爆炸或易燃液體或氣體洩漏。

當電池處於極低氣壓下，可能會導致爆炸或易燃液體或氣體洩漏。

請勿隨意丟棄舊電池。可能會導致爆炸或火災。棄置方法可能因國家和地區而異。請以適當方式棄置電池。

使用產品時的注意事項

如本產品暴露於多汗環境，請使用乾布進行清潔。請使耳塞保持清潔。

長時間佩戴耳塞可能會引起疼痛，如果耳內長期潮濕，可能會導致皮膚問題。

高清喇叭

如果連線裝置的通訊網絡支援高清語音通話，則您可以享受高清語音通話功能並聆聽高清音樂。

疑難排解

如果您在使用產品時出現以下任何現象，請務必重新檢查。這可能不是故障。

現象	原因和解決方案
電源無法開啟	檢查電池電量並充電。
如果無法使用耳塞撥打電話	如果手機不支援耳機和免提功能，則無法使用通話功能。 檢查電池電量並充電。
如果無法在手機上登錄耳塞	打開充電盒蓋檢查電源是否開啟。 檢查耳塞是否已進入搜尋模式。 - 當耳塞插入充電盒時，長按左側或右側耳塞上的觸控板 3 至 5 秒，即可切換至搜尋模式。 檢查插頭及無線模式是否已開啟。
如果您更換了耳塞或操作出現問題（恢復出廠設定）	當耳塞插入充電盒時，長按左側或右側耳塞上的觸控板 10 秒或更長時間。 - 充電盒電量指示燈閃爍紅色，則表示初始化為出廠狀態。初始化為出廠狀態後，重新連接耳塞。

- 在即插即用和無線模式下無法使用恢復出廠設定和搜尋模式。

規格及功能

項目	註解
藍牙 規格	V 5.3 (HSP/HFP/A2DP/AVRCP)
電池	耳塞：3.85 V / 51 mAh、鋰電池 充電盒：3.7 V / 390 mAh、鋰電池
音樂播放時間 耳塞及充電盒	關閉 ANC：最多 9 小時和最多 29 小時* ANC 開啟：最多 5 小時和最多 16 小時*
充電時間	耳塞：1 小時內／充電盒：2 小時內 快速充電：充電 5 分鐘，播放時間可長達 60 分鐘* • 在室溫下有線充電時
額定輸入電壓	耳塞：5 V  , 102 mA 充電盒：5 V  , 500 mA
工作溫度	0°C ~ +40°C
工作濕度	5 % ~ 60 %
尺寸（毫米）/ 重量（克）	耳塞：21.5 毫米（闊）x 27.7 毫米（長）x 24.9 毫米（高）/ 5.3 克（單個耳塞） 充電盒：54.5 毫米（闊）x 54.5 毫米（長）x 29.6 毫米（高）/ 39.3 克
頻率範圍	2402 MHz 至 2480 MHz

*使用時間可能會因所連接的流動裝置、所使用的功能、設定、訊號強度、工作溫度、頻段及其他使用方法而異。

確認聲明

用戶 FCC 注意事項：

本裝置符合 FCC 法規第 15 部分。

用戶的操作應符合以下兩個條件：

- (1) 本裝置不得造成有害干擾，以及
- (2) 本裝置必須接受任何所接收到的干擾，包括可能造成不良操作的干擾。

未經製造商（或責任方）的明確批准，對本產品進行改動或修改可能會導致用戶喪失本裝置的使用權利。

FCC 第 15.105 部分聲明

經測試證實，本裝置符合 FCC 法規第 15 部分對於 B 類數碼裝置的限制。

這些限制旨在針對住宅安裝中的有害干擾，以提供合理保護。本裝置可產生、使用及放射無線電能量，如未依照指示安裝及使用，可能會對無線通訊造成有害干擾。

但是，特別安裝過程中未必不會出現干擾。如本裝置對電台廣播或電視接收造成有害干擾，即可能會受到開啟及關閉本裝置之影響，則建議用戶嘗試透過以下一項或多項措施來修正干擾：

- 重新調節或重新放置接收天線。
- 增加本裝置與接收器之間的距離。
- 將本裝置連接到與接收器所連電路不同的電路插座上。
- 向經銷商或有經驗的電台廣播／電視技術人員諮詢，以尋求協助。

重要事項：

為符合 FCC RF 暴露相容性要求，請勿對天線或裝置進行任何改動。對天線或裝置進行任何改動會導致裝置不符合 RF 暴露要求，並導致用戶喪失本裝置的使用權利。

藍牙® 是 Bluetooth SIG, Inc. 在全球的註冊商標。

Android、Google Play、Google Play 徽標，以及其他相關標誌及徽標均為 Google LLC 之商標。



FCC ID: ZNFTONET90Q (耳塞) /
ZNFTONET90QC (充電盒)

額外資訊

1. 無線電暴露資訊

此 LG 藍牙立體聲耳機是一個無線電傳送及接收器。當它運作時，會透過接收及傳送頻率介乎 2402 至 2480 MHz 的無線電頻率 (RF) 電磁場（微波），與配備藍牙的手提裝置進行通訊。

您的藍牙耳機與任何相容 LG Electronics 的手機配合使用時，應符合由國家當局及國際衛生機構制定的 RF 暴露指引及限制。

2. 藍牙連接注意事項

以下環境會影響藍牙訊號的範圍及接收效果：

- 藍牙裝置與所連接裝置之間出現牆壁、金屬、人體或其他障礙物。
- 使用 2.4 GHz 頻率訊號（無線區域網絡、無線電話、微波爐等）的裝置處於待使用裝置附近。
- 使用手機以外的藍牙裝置（電視、筆記型電腦等）時，音質可能會受該裝置的規格及性能影響。

3. 潛在爆炸性氣體

身處任何有潛在爆炸性氣體的地方時，請關閉您的電子裝置。雖然此情況較少發生，但您的電子裝置可能會產生火花。這種潛在爆炸性環境中出現火花，會導致爆炸或火災，造成人身傷害甚至死亡。如區域內存在潛在爆炸性空氣，通常但不始終有明確標示。

4. 緊急電話

重要資訊！

此藍牙耳機及連接至耳機的電子裝置如使用無線電、手機、固定電話網絡及用戶自訂功能，無法保證在任何情況下均能連接成功。因此，您不應完全依賴任何單一電子裝置進行緊急通訊（如緊急醫療求助）。請謹記，如要撥打或接聽電話，耳機及連接至耳機的電子裝置必須開啟，並在手機訊號強度充足的範圍內使用。在某些手機網絡中，或正在使用特定網絡服務及／或手機功能時，可能無法撥通緊急電話。請向當地服務供應商查詢，以了解詳情。

5. 電池資訊

充電電池如正確使用會有長久的壽命。新電池或長期沒有使用的電池在最初數次使用時，電量可能會較少。請勿讓電池暴露於極端溫度下，絕不可高於 +50°C 或低於 -10°C。為獲得最佳電量，請在室溫下使用電池。如在低溫下使用電池，其電量會減少。電池只可在介乎 +0°C 至 +45°C 之間的溫度下充電。

6. 環保回收您的藍牙耳機電池

您的藍牙耳機電池必須妥善棄置，絕不可棄於都市廢物內。

負責拆除電池的 LG Electronics 服務夥伴，會依照當地法規將其棄置。如本產品包括可充電電池，由於其屬內置電池，應依照可充電電池回收標準回收整個裝置。

7.細則：

- 維修產品時須同時出示由經銷商發給原購買者，且顯示購買日期及產品序號的收據，才可進行保養。如該資訊從經銷商處購買後遭到刪除或修改，LG Electronics 保留拒絕提供保養服務的權利。
- 如 LG Electronics 維修或更換產品，經維修或更換的產品保養期會是原本保養期的剩餘時間或自維修日起的 90 日（取時間較長者）。維修或更換可能涉及使用經維修的、具備同等功能的裝置。更換的舊配件或零件會歸屬 LG Electronics 所有。
- 本保養並不涵蓋任何正常使用的損耗，或是基於不正確使用而導致的故障，包括但不限於按照說明書的使用方法及產品維護之非正常及慣例使用方法。本保養亦不涵蓋任何意外、改裝或調整、天災而導致的故障，或是由液體導致的損壞。
- 本保養不涵蓋由非 LG Electronics 認可人員進行之不正確維修、改裝或服務而導致的故障。破壞產品上任何封條會令保養失效。

- 除本說明書外，本產品不作任何書面或口頭保養保證，包括但不限於商業適售性、特定目的之適用性的暗示保證。本保養只提供有限期的產品保養。在法律允許的情況下，LG ELECTRONICS 或其夥伴在任何情況下均不會對間接或衍生損害作出賠償，不論任何原因，包括但不限於利潤或業務損失。
- 某些國家／州不允許間接或衍生損害賠償的豁免或限制，或有關保養期的限制，因此上述限制或豁免可能未必適用。此保養不會影響消費者在現行的國家法例下所享的法定權利，或基於買賣合約產生的、針對經銷商的消費者權利。

有限保養

根據本有限保養的條件，LG Electronics 保證本產品在原消費者購買時，以及隨後的一 (1) 年內沒有設計、材料及工藝缺陷。如您的產品需要保養服務，請將產品交回您當時購買產品的經銷商，或聯絡當地 LG Electronics 聯絡中心以獲得更多資訊。

重要安全資訊

避免聽力受損

如使用藍牙耳機時音量過高，可能會對聽力造成永久性傷害。

請將音量設定在安全水平。過了一段時間後，您可能會適應過大的音量，但這可能會損害聽力。

如您出現耳鳴或聽力減弱的情況，請立即停止使用產品及檢查聽力。音量越大，就越快影響到聽力。為保護聽力，聽力專家提出以下建議：

- 限制以高音量使用耳機的時間。
- 避免透過調高音量來阻隔外界噪音。
- 如您無法聽到附近別人說話的聲音，請降低音量。



安全使用耳機

請勿於駕駛時使用耳機聽音樂，此行為在某些地區是違法行為。駕駛期間，請小心並保持警覺。駕駛任何類型的車輛或進行其他需要高度專注的工作時，如本裝置會令您分心或無法集中注意力，請立即停止使用本裝置。

開放源代碼資訊

欲獲得 GPL、LGPL、MPL 及其他有義務公開包含本產品內容原始程式授權的源代碼，及存取所有提及授權條款、版權聲明及其他相關文件，請瀏覽 <https://opensource.lge.com>。

LG Electronics 也可應您要求，在由您支付相關費用（如媒體成本、運費及處理費）的條件下以 CD-ROM 方式提供開放原始程式碼，如有需要請寄送電子郵件至 opensource@lge.com。

該產品最後一次出貨的三年內，任何收到此資訊的人可享此優惠。

風險群組 3



警告：本產品會發出 C 段紫外線 (UV-C)。
避免眼睛和皮膚暴露於未加遮擋的產品之下。

警告：如果您不充電或打開充電盒，則不會啟用 UVnano 功能。

符號

~	指交流電 (AC)。
≡	指直流電 (DC)。
□	指二類裝置。
⏻	指待機。
I	指「開啟」(電源)。
⚡	指危險電壓。



UG-T90Q-HK-02