

**ELECOM** For Bluetooth 3.0 Class 2  
**Bluetooth headset**  
 LBT-HS400 series

User's Manual

Thank you for purchasing this quality Elecom product.  
 Store this manual carefully in a place where it can be easily accessed at any time.

**Product features**

This product is a Bluetooth headset that supports Headset Profile (HSP) and Hands-Free Profile (HFP).  
 Enjoy hands-free conversation and voice chat via wireless connection on a mobile phone or PC that supports these profiles.

Compatible with the latest Bluetooth 3.0, perform simple and secure pairing on supporting devices.  
 • Ultra-compact with approx. 30 mm diameter, and lightweight (approx. 6 g). Can be used for extended periods without irritating your ears.

**Necessary information when connecting:**

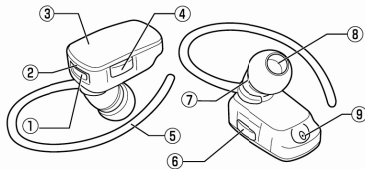
- Product device name when detected in a search from a mobile device:  
 → **LBT-HS400**
- Link Key:  
 → **0000 (Four zeros)**

**Package Contents**

- Headset x 1 unit
- USB charging cable (approx. 50 cm) x 1
- Ear hook x 1
- User's Manual
- Ear pad (M) (attached to the device when shipped) x1
- Ear pad (S/L) x 1 of each

**Part Names**

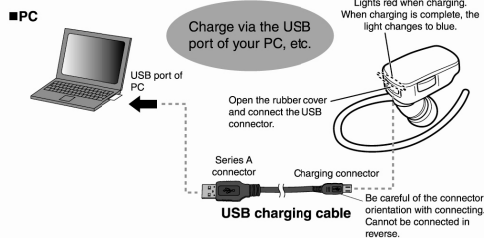
① USB power charging connector	■ Power ON
② LED lamp	Press and hold for 4 seconds or more. When the power turns ON the LED lamp blinks blue.
③ Multi-function button (front panel). This button controls functions such as power ON/OFF, as well as the following:	■ Pairing
Power ON/Pairing	Push and hold the multi-function button for 8 seconds or more. When the device enters pairing mode, the LED lamp will blink alternately between red and blue.
Power OFF	When power is ON, press and hold for 4 seconds or more.
④⑤ Volume button (+/-)	
⑥ Ear hook	Remove, adjust and reattach to optimize for left or right ears.
⑦ Earphone	Earphone is mounted on this product.
⑧ Ear pad	
⑨ Microphone	



**STEP 1 Charging**

This product must be charged before use.  
 Use the included USB cable to charge.

It takes about 3 hours to fully charge this product.  
 When charging is completed and the LED turns OFF, disconnect the charging cable. For safety reasons, it is recommended to avoid passing an electric current after charging. Also, do not use the product while it is charging.



- 1** Connect the charging connector of the included USB charging cable to the charging connector of this product.
- 2** When charging starts, the LED lamp lights red. When charging is completed, the LED lamp lights blue.
- 3** Connect the series A connector of the USB cable to the USB ports of your PC, etc.

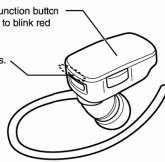
**STEP 2 Pairing (Registering with the device)**

To use this product, it is required to perform pairing (registering the device for the first time) with the device with which you want to use.  
 Please refer to the manual of your device for information regarding the operation of the device.

- This product is designed exclusively for phone conversation. Cannot be used for music or One Seg listening/viewing.
- If pairing cannot be completed due to problems such as a setting on the connection device, turn off the power once, and try again.

Press and hold the multi-function button until the LED lamp begins to blink red and blue.

Confirm the LED lamp status.



- 1** With the power of this product turned OFF, press and hold the multi-function button for 8 seconds or more, until the LED lamp begins to blink red and blue.
  - If the paired devices are close by, you can remove your finger from the button as soon as power turns ON. If the device(s) have an automatic connection function, and it is turned ON, reconnection will occur automatically.
  - Depending on the device, an automatic reconnection function may not be available. In that case, perform a reconnection from the device.
- 2** Perform a search for this product from the pairing device (mobile phone, PC, etc.)
  - Search method varies depending on the device you are using. Refer to the manual of your device.
- 3** When this product is found from the mobile phone or PC, the device name will be displayed as [LBT-HS400] in the search screen. Select and register.
  - Depending on the device, you may be prompted for a link key. In this case, enter [0000] (4 zeros).
- 4** When pairing is complete the LED lamp will blink in a loose pattern (approx. once every 5 sec.). The registration process is now complete.

**When setting multi-point functions...**

Multi-point functionality allows this product to go into standby with 2 different mobile phones.

- ! This function can only be used with two mobile phones. It cannot be used simultaneously with a PC or game device.
- ! This product is not guaranteed to be able to perform pairing operation with all Bluetooth mobile phones and smartphones.
- ! Multi-point does not allow for simultaneous 3-way voice conversation.

**Instructions for multi-point pairing**

- 1** Perform a pairing operation with the first mobile phone.
  1. Follow the instructions in "STEP 2 - Pairing" in this document to perform pairing with the first mobile phone.
  2. When pairing is complete, turn OFF the Bluetooth on the mobile phone.
    - \* When the Bluetooth of the mobile phone does not turn OFF, turn OFF the power of the mobile phone.
- 2** Next, perform pairing with the 2nd mobile phone.
  1. Perform pairing with the 2nd mobile phone in exactly the same way as you performed it with the 1st mobile phone.
  2. When pairing is complete, turn OFF the power of this product.
    - \* Continue following these instructions WITHOUT turning off the power of the 2nd mobile phone.
- 3** Standby the 2nd mobile phone.
  1. Confirm that the Bluetooth of the 2nd mobile phone is ON.
  2. Turn ON the Bluetooth of the 1st mobile phone.
  3. Turn ON this product.
  4. Confirm which of the two mobile phones is displaying a Bluetooth connection icon.
    - \* It may take some time before the 2nd mobile phone begins connecting.

**STEP 3 Basic Operation**

**Power ON /Power OFF**

**Power ON**

Press and hold the multi-function button of this product until the LED lamp lights (approx. 4 sec.).  
 The headset will automatically connect to any devices in range on which pairing has already been performed.  
 When connection is completed, the LED lamp will change to blink in a loose pattern, and the device is now ready to use.

You may need to approve or authenticate the headset connection (device name LBT-HS400) or perform a [Connection] procedure from the mobile device.

**Power OFF**

Press and hold the multi-function button of this product for 4 seconds or more. The LED lamp blinks red and turns off, indicating the power is now OFF.

**Adjusting the volume**

During phone conversation, press the volume button on this product to adjust the volume.

**Talking on a mobile phone**

! Depending on the mobile phone specifications, your mobile phone may behave in a different manner than described in relation to the operation of this product.

**Receiving a call**

If you hear a ringtone in your earphone, press the multi-function button.

**Hanging up the call**

When in conversation, press the multi-function button once.

**Redialing (Most recent number)**

Press the multi-function button twice.

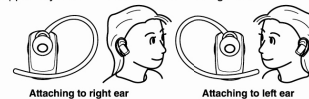
You cannot redial an received call.

**Making a call**

Make a call using the mobile phone. After calling, you may still need to operate the mobile phone directly in order to switch audio output to the headset.  
 <Basic operation>  
 When using iPhone 4  
 After the call, change the sound output setting to LBT-HS400 (the device name for this product).  
 Example: Android  
 After calling, press the onscreen "Bluetooth" button.  
 \* Refer to your mobile device manual for detailed instructions.

**How to put on the ear hook**

With the ear hook rotated to a desired position, you can adjust where to place them, or orient them oppositely to attach them to the left and right ears.



**Function list**

Function/Status	Operation	LED display
Power ON	Press and hold the multi-function button for 4 seconds or more	Blinks blue 3 times
Power OFF	Press and hold the multi-function button for 4 seconds or more	Blinks red 3 times
Charging	-	Lights red 3 times
Charging complete	-	Lights blue
Not enough battery charge remaining	-	Blinks red every 5 seconds
Pairing mode	Press and hold the multi-function button for 8 seconds or more	Alternately blinking red and blue
Answer call	Press the multi-function button once, shortly	-
Reject a call	Press and hold the multi-function button for 2 seconds	-
Hang up phone	Press the multi-function button once, shortly	-
Redialing (1st mobile)	Press the multi-function button twice	-
Redialing (2nd mobile (when two mobiles are connected))	Press the volume (+) and (-) buttons twice at the same time.	-
Transfer the conversation audio (mobile phone to headset and vice versa)	Press the multi-function button and the volume (+) button once at the same time.	-
Mute ON/OFF (During a call)	Press the volume (+) and (-) buttons once at the same time.	-
Turn OFF the LED lamp (when power is ON)	Press and hold the multi-function button and the volume (-) button for 4 seconds or more.	-
Turn ON the LED lamp (when power is ON)	Press and hold the multi-function button and the volume (+) button for 4 seconds or more.	-

\* Some functions may not work, depending on the device being used. Also, some operations of this product may be assigned to different functions.

**Basic Specifications**

Article No.	LBT-HS400 series	
Device name	LBT-HS400	
Carrier Signal	2.402 - 2.4835 GHz ISM Band	
Bluetooth Specifications	Bluetooth V3.0	
Frequency diffusion method	FHSS (Frequency Hopping Spread Spectrum)	
Transmit range	Class 2 Max. radius 10 m (if unobstructed) *	
Supported Profiles	HSP (Headset Profile), HFP (Hands-Free Profile)	
Antenna type	Print antenna	
Continuous standby time	Max. 100 hours **	
Continuous conversation time	Approx. 4 hours **	
Charging time	Max. 3 hours	
Environment conditions	When operating	Temperature 0 - 35°C
	When storing	Relative humidity 20 - 80% (no condensation)
Battery type	When operating	Temperature -10 - +50°C
	When storing	Relative humidity 10 - 90% (no condensation)
Battery type	Lithium polymer battery	
External dimensions (W x H x D)	16 x 29.5 x 29.9 mm (Excl. protrusions and ear hook)	
Weight	Approx. 6 g	

\* Theoretical value. Transmit range is also affected by the Bluetooth capability of the target device and the conditions of the surrounding environment.  
 \*\* When there is a long distance between this unit and Bluetooth device, the power consumption for each will increase resulting in shorter available time.

- ! Due to interference, it may sometimes not be possible to use in combination with a 2.4 GHz band wireless LAN (IEEE802.11g/b).
- ! It is not guaranteed that all Bluetooth devices will work with this product.

**Troubleshooting**

**No voice heard during phone conversation**

With some mobile phones if there is a silence during conversation that is longer than approx. 20 seconds, the phone will automatically go into power saving mode and the earphone jack will turn off sound input/output. Because of this, sound may sometimes turn off during conversation.  
 If this occurs, press the multi-function button on this product to take the phone out of power saving mode.

**This product does not have any power.**

Always ensure that the battery for this product is fully charged.  
 If the battery is not fully charged, charge it.

**Line noise or echoes can be heard.**

Try adjusting the distance between this product and the paired device. Also try adjusting the volume, etc.

**When a call is received on the mobile phone, even when the multi-function button is pressed it does not answer the call.**

With some mobile phones, it may be necessary to press the multi-function button several times before the conversation will start. If the phone will not answer after pressing the multi-function button once, try pressing it several times.

**Your conversation partner cannot hear your voice.**

With some mobile phones it is necessary to manually set the microphone input settings to ON. If the microphone input is turned OFF, your conversation partner will not be able to hear your voice spoken from the headset microphone.

**The phone immediately goes to voice mail when an incoming call is received.**

If the phone is set to go to voicemail after a short time, the voicemail will kick in before the call is forwarded to this product. If this occurs, set your phone to wait for a longer time before a call goes to voicemail service.

**Cannot perform pairing with a Bluetooth device.**

- Please ensure that the device's Bluetooth functions can be used. If pairing mode cuts off due to time out, it is necessary to perform the settings again.
- Confirm that the device supports the profiles used by this product.

**Cannot adjust the volume when using with a PC.**

With some applications, the volume is set on the PC side.  
 Check the volume settings on the PC.














**Cannot hear ringtone or incoming ringer**

Even if a specific ringtone is set on the phone, the headset typically only plays the standard incoming call tone. You cannot use the same ringtone as set on the mobile phone. Or, depending on the functions of the mobile phone, the Bluetooth "hands-free incoming call ringtone" may have to be set (as well as individual ringtones for different callers, etc.)




## 安全措施

-  禁止行為
-  必要行為
-  需注意的情況



### 警告


-  為了防止損傷耳道和鼓膜，戴上或取下耳機時務必小心並且緩慢執行。切勿將耳機插入耳道過深。
-  本產品與心臟起搏器或植入的去纖顫器之間應始終保持至少 1.2" (4 cm) 的距離。否則可能會干擾心臟起搏器或去纖顫器的運作。
-  請將本產品放在兒童觸及不到的地方。這是因為兒童可能會將耳塞放入口中或意外吞下。
-  如果您在使用耳機音訊產品期間或之後聽到耳內鳴響或感覺不適，則所使用的音量可能過大。如果用大音量（超過 85 dB）收聽超過一小時，則可能永久損傷聽覺。
-  為了防止損傷聽力，請在插上耳機並開啟裝置之前，先將收聽裝置的音量調為零。插上耳機之後，再逐漸將音量增大到一個舒適的中等水平。
-  應經常用消毒劑擦拭耳機以避免污垢聚集。這樣可以提高耳機的聲音品質。
-  絕不可在駕駛機動車輛時戴上耳機收聽。這樣做不僅危險，在許多地方還屬於違法行為。
-  為了防止發生意外，切勿在需要注意力集中的場合（如駕駛時）使用本產品。
-  如果產品出現異常（發熱、產生煙霧或異常氣味），應立即停止使用本產品。
-  切勿使產品掉落或遭受撞擊。如果產品損壞，應立即停止使用。
-  切勿自行拆卸、改裝或維修本產品，否則可能引起火災、電擊或產品損壞。
-  切勿在手潮濕的情況下連線受話器或斷開其連線，亦不可改裝或用力彎折受話器，否則可能引起火災或導致電擊。
-  切勿將本產品拋入火中或熱源中，以防爆炸。

### 注意

-  切勿將產品放置在暴露於陽光直射的地方，受陽光直射的停靠的汽車中，或任何其他非常炎熱的區域中（靠近加熱器等）。否則可能有發熱、爆炸和產生火災的危險。
-  切勿將本產品放置在下列任一環境中：
  - 可能發生冷凝的潮濕環境
  - 不平整或者會受到振動的環境
  - 產生磁場的環境（磁鐵附近等）
  - 灰塵較多的環境
-  本產品不具備防水構造。請在水或其他液體濺落不到的地方使用或存放本產品。若受到雨水、水霧、果汁、咖啡、蒸汽或汗液的濺潑，可能會導致產品損壞。

## 使用無線裝置的注意事項

-  該無線裝置產品可以在整個 2.4 GHz 頻段範圍內使用，因此可以避開移動裝置識別系統的頻段。FH-SS 用於無線電方式。干擾距離是 10 m。使用 2.4 GHz 頻段的還有醫療裝置、藍牙及符合 IEEE802.11b/11g 標準的無線局域網裝置。
  - 在使用本產品之前，請先檢查確認附近沒有其他正在工作的「無線電臺」\*。
  - 如果產品與其他「無線電臺」之間發生干擾，應將其移到其他地方使用或停止使用。
- \* 其他「無線電臺」是指使用與本產品相同的 2.4 GHz 頻段的工業、科學及醫療裝置，其他屬於此類的無線電臺，工廠生產線上經許可用於移動裝置識別系統的無線電臺場所，以及部分無許可的低功率無線電臺或業餘無線電臺。
-  對於所有要求在指定區域（如加氣/加油站、醫院、爆炸區域、易燥環境或飛機）內關閉電氣裝置或 RF 音訊產品的標誌或說明，都應加以遵守。














 不再使用本產品及電池時，請務必依據當地的法律法規正確執行廢物處理。

 ELECOC Co., Ltd. 特此聲明本產品符合 [2004/108/EC]、[1999/5/EC] 及 [2006/95/EC] 指令的基本要求及相關規定。




## 안전 조치

-  금지되는 행동
-  요구되는 행동
-  주의가 필요한 상황



### 경고


-  이드 및 고막 손상을 방지하기 위해 항상 이어폰을 조심스럽게 천천히 끼우고 빼십시오. 이어폰을 귀에 너무 깊게 끼우지 마십시오.
-  제품이 심박동기나 체내형 제세동기에서 최소 4cm(1.2인치) 떨어져 있도록 하십시오. 그렇지 않을 경우 심박동기나 체내형 제세동기 작동을 방해할 수 있습니다.
-  제품을 어린 아이의 손이 닿지 않는 곳에 두십시오. 이어패드를 입에 넣거나 잘못하여 삼키는 일이 있을 수 있습니다.
-  헤드폰 사용 중 또는 사용 후 귀에서 울리는 소리가 들리거나 불편함이 느껴진다면, 이는 볼륨을 너무 높여 사용한다는 신호입니다. 한 시간 이상 큰 소리(85dB 초과)에 노출될 경우 청각이 영구적으로 손상될 수 있습니다.
-  청각 손상을 방지하기 위해서는 헤드폰을 착용하고 기기를 켜기 전에 오디오 기기의 볼륨을 0으로 낮추십시오. 헤드폰을 착용한 후 볼륨을 편안한 적정 수준으로 서서히 조절하십시오.
-  살균 티슈로 자주 헤드폰을 닦아 오염물이 쌓이지 않도록 하십시오. 이를 통해 헤드폰의 음질이 개선될 수 있습니다.
-  헤드폰을 착용한 상태에서는 절대 자동차를 운전하지 마십시오. 위험할 뿐만 아니라 많은 곳에서 불법으로 규정된 행동입니다.
-  사고를 방지하기 위해, 특별한 주의가 요구되는 상황(예: 운전 중)에서 제품을 사용하지 마십시오.
-  제품에서 이상 발생될 경우(제품에서 열, 연기 또는 이상한 냄새가 나는 경우) 즉시 사용을 중지하십시오.
-  제품을 떨어뜨리거나 충격을 가하지 마십시오. 제품이 손상될 경우 즉시 사용을 중지하십시오.
-  제품을 직접 분해, 개조 또는 수리하려고 하지 마십시오. 화재나 감전, 제품 손상이 발생할 수 있습니다.
-  젖은 손으로 리시버를 연결 또는 분리하거나 리시버를 개조 또는 억지로 구분하지 마십시오. 화재나 감전이 발생할 수 있습니다.
-  폭발을 방지하기 위해, 제품을 불 속에 던지거나 열에 노출시키지 마십시오.


### 주의

-  직사광선에 노출된 곳, 직사광선 아래 주차된 차 내부, 기타 고온의 장소(히터 주변 등)에 제품을 두지 마십시오. 열 방출, 폭발 및 화재의 위험이 있습니다.
-  다음과 같은 환경에 제품을 두지 마십시오.
  - 습한 곳이나 응결이 발생할 수 있는 곳
  - 평평하지 않은 곳이나 진동에 노출된 곳
  - 자기장이 발생하는 곳(자석 근처 등)
  - 먼지가 많은 곳
-  본 제품은 방수 구조가 아닙니다. 제품 본체에 물이나 다른 액체가 될 우려가 없는 곳에서 제품을 사용하고 보관하십시오. 비, 분무액, 주스, 커피, 수증기 또는 땀이 묻을 경우 제품이 손상될 수 있습니다.

## 무선 장비 관련 주의 사항

-  본 제품은 2.4GHz 대역 전 범위를 사용하는 무선 장비이며 모바일 오브젝트 인식 시스템의 대역을 피할 수 있습니다. 전파 방식은 FH-SS 방식을 사용하여 간섭 거리는 10m입니다. 2.4GHz 대역은 의료 장비, 블루투스 및 IEEE802.11b/11g 표준 준수 무선 LAN 장비에서도 사용하는 대역입니다.
  - 제품을 사용하기 전에 근처에서 작동 중인 "무선국"\*이 있지는 않은지 확인하십시오.
  - 제품과 다른 "무선국" 사이에 전자기 간섭이 발생할 경우 제품을 다른 위치로 옮기거나 사용을 중단하십시오.
- \*다른 "무선국"이란 본 제품처럼 2.4GHz 대역을 사용하는 산업/과학/의료 기기, 해당 유형의 다른 무선국, 공장 생산 라인에서 사용되는 모바일 오브젝트 인식 시스템을 위한 허가 받은 무선국, 허가 받지 않은 특정 저전력 무선국 및 아마추어 무선국을 뜻합니다.
-  주유소, 병원, 발파 현장, 폭발 위험이 있는 장소, 항공기 등 지정된 장소에서 전기 장치나 RF 무선 장치를 끄도록 요구하는 모든 표시 및 지침을 준수하십시오.

 제품을 배터리를 더 사용할 필요가 없게 된 경우, 반드시 현지 법규에 따라 이를 폐기하십시오.

 ELECOC Co., Ltd.는 본 제품이 지침 [2004/108/EC], [1999/5/EC] 및 [2006/95/EC]의 필수 요건 및 기타 관련 규정을 준수함을 선언합니다.



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

NOTE: 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 instruction, may cause harmful interference to radio communication. 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 tuning 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.

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

Any changes or modifications not expressly approved by ELECOC responsible for compliance could void the user's authority to operate the equipment



KCC-CRI-ECK-LBT-MPHS400BK

당해 무선설비는 운용 중 전파혼신 가능성이 있음.

이 기기는 가정용(8급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

## 2.4FH1

この無線機器は2.4GHz帯帯域を使用しています。変更方式にはFHSSを採用し、想定干渉距離は約10mです。

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