

LUCIFER
INTERIOR AND EXTERIOR WIRELESS HEADPHONE
Bluetooth Stereo Headphone User's Guide



Table Of Contents

1. Introduction and Glossary

- What is in the package?	3
- Headphone Features	3

2. Before use

- Charging	4
- Power On / Off	4
- Pairing	5
- Connecting the Device	5

3. How to use?

- Call Handling	6
- Playing Music	8
- Overview of Key / Button	9

4. Miscellaneous

- Battery Using Time / Charging Time	10
- Standards and Specification	10
- Cautions	10

1.Introduction and Glossary

"What is Bluetooth Wireless Technology?"

Bluetooth is a small, low-cost, low-power, short-range wireless communication standard that enables transmission of voice and data in electronics and telecommunication devices including PC, Mobile Phones in the 2.4Ghz ISM band.

Using example of Bluetooth Technology

* Making or answering a call with Bluetooth-enabled Mobile phone by connecting without wire or cord...

* Listening music with Bluetooth-enabled computer, mobile phone or MP3 by connecting without wire or cord.

Bluetooth profiles are the different ways that bluetooth devices communicate with other devices. Bluetooth phones support either the headset profile, the hands-free profile or both. In order to support a certain profile, a phone manufacturer must implement certain mandatory features within the phone's software.

Pairing is creates a unique and encrypted link between two bluetooth devices and lets them communicate with each other. Bluetooth devices will not work if the devices have not been paired.

Passkey or pin code is a code that you enter on your phone to pair it with your bluetooth stereo headphone. This makes you phone and the stereo headphone recognize each other and automatically work together.

Standby mode is when the bluetooth stereo headphone is passively waiting for a call. When you 'end' a call on your mobile phone, the headphone goes into standby mode.

This bluetooth stereo headphone compatible to those mobile that support over the bluetooth Ver 1.2 and Headset profile, Hands-free profile, Audio transfer profile, Audio and video remote control profile.

While using might be occurred noise and/or disconnection due to disturbed by other signals

Please use the Bluetooth device at least 5m away from Wi-Fi enabled place.

Bluetooth headphone is a radio technology which means it is sensitive to objects between the headphone and the device it is connected to. You should use in about 10 meters(33 Feet) of distance between the headphone and the connected device when there are no major objects in the way.(walls, Partition etc.)

Maintain the distance as close as possible when register or connect between the headphone and the bluetooth device.

1.Introduction and Glossary

The Bluetooth Stereo Headphone contains the following parts.



The Bluetooth Stereo Headphone contains the following parts.



Bluetooth Headphone



USB Charger

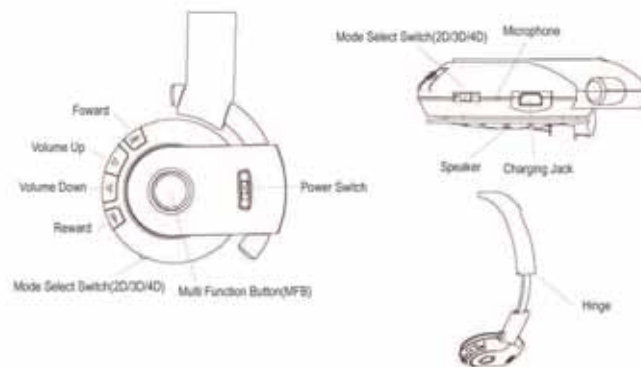


User's guide



Pouch

Features



2. Before use

To Charge the headphone 🔌

The headphone includes an internal rechargeable battery. You must charge it over three hours before use headphone.
(Initial Charging)

After the initial charging, it usually take approximately 2 hours to be fully charged.

1. Connect the USB charging cable into charging jack.
2. When the battery is fully charged, the indicator light will be turned off.

Indicator light 🔦



Red : Under Charging
Off : Finished Charging

When the indicator light turns off, remove the USB charger cable from the charging jack.

When battery is low? 🔌

Red light will flash once every 5 seconds with beep. If you hear the battery low beep during phone call, please switch from headphone to phone your call. Few minutes after the beep, the headphone will be turned-off automatically. Charge the headphone please. When battery is low, might be occurred noise and/or disconnection while using.

Power on / off ⏻



- Power on

To turn on your headphone, slide power switch to 'ON' position.

- Power off

To turn on your headphone, slide power switch to 'OFF' position.

2. Before use

Pairing



Before using the headset with a mobile phone, you must pair it first.

1. Put the headphone into pairing mode
 - Make sure the headphone is turned off
 - Press and hold the Multi function button and then power switch on please.
 - Will alternate the multi function button light

2. Follow your mobile phone's instruction guide.

This usually involves going to a 'set up', 'connect' or Bluetooth' menu on your phone and selecting the option to discover or add a bluetooth device.

Choose as below what you want on your phone.

- 'Stereo Headset' (Listening music function only)
- 'Hands-free' (Phone calling function only)
- 'Headset' (Phone calling function only)
- 'Stereo headset' + 'Hands-free' (Listening music and phone calling)

Warning!

Hands-free" and "Headset" could not be connected at the same time because it two are same function.

3. Your phone will find 'LUCIFER' and ask if you want to pair with it, accept this with 'Yes' or 'OK'.

4. Confirm with the passkey or pin code as 0000 (4 zero's).

5. When complete pairing successfully and multi function button light flashing every 5 seconds shortly.

Warning!

In case of unsuccessful pairing in 2 minutes, repeat pairing procedure listed above after make sure power off.

Connecting the headphone

You must connect after pair for use follow your phone's instruction manual.

Ⓜ Most of phone connect automatically after pair.

To connect at mobile phone

To pair and connect the headset with your phone, follow your phone's instruction guide.

Regarding to Auto-reconnection



In case of turn off and turn on the power again will connecting automatically itself to already be paired device.

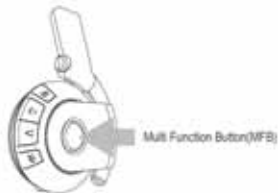
-Tip-

Auto-reconnection function working is depends on your mobile and also could use hands-free mode only after connecting to your phone automatically. In that case should check connected device on your phone.



3. How to use ?

(1) Call handling

To Make a Call



Making a call to recently-dialed or received number

1. Press the multi-function button(☎) briefly to view the recent calls
2. Use the  /  key to select the number that you wish to call.
3. Press the multi-function button(☎) again to make the call to the selected number.

Making a call by pressing the number by manual

1. Dial the number by yourself with your mobile phone.
2. Press the multi-function button(☎) to make the call.

Warning !

Some mobile phones do not provide the recent call viewing service. They might support the last number redial function only.

To Answer a Call

When you receive a call, press the multi-function button(☎) shortly to answer.

To End a Call

Press the multi-function button(☎) shortly to end a call.

- Tip -

Hands-free conversation is possible also at speaker mode.

To Reject a Call

Simply press and hold the multi-function button(☎) on the headphone for 2 seconds until you hear beep.

Warning !

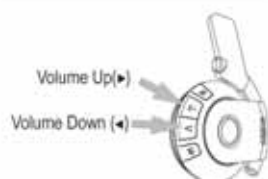
If your cell phone does not support this function, it would not work with the headphone as well. Also, the headphone must be successfully paired as 'hands-free' service or 'stereo headset' service to your phone to use this function.

Functions that can be used during conversation

Functions that can be used during conversation may vary. Therefore, refer to your phone manual beforehand to properly use those functions.

3. How to use ?

To Adjust the volume



Use the volume control button to adjust the volume. When the volume reached to MAX or MIN, you can hear beep.

To transfer the Call



If you wish to transfer your call from the headphone to the phone (or vice versa) while having conversation, press '▶' (forward) button shortly on the headphone. (Some products might not support this function)

Warning!

In order to use this function the headphone must be paired as 'hands-free' service or 'stereo headset' service to your mobile phone.

(2) Regarding Music Function

Listening Music



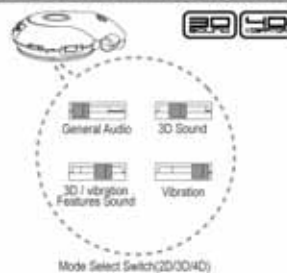
- Listening Music with Headphone If you wish to listen to the music that are saved in your phone (that supports music playing), double click the multi-function key in fast.

Play Music (Stand by mode)	Double click MFB in fast
Stop Music (while playing)	Press shortly MFB
Go to Previous / Next Song	While playing music press
Volume Control	While playing music press
Switch to External Speaker	Press and hold for 2 seconds 2 Volume buttons at the same time.

Playing Music at your phone

To Listening Music by playing at the Phone Please refer to the phone manual.

3D/4D Function description



- When you watching movie, the mode select switch position to "3D" then you can enjoy surround sound.
- When you playing shooting game(FPS game etc.) the mode select switch position to "4D" then you can enjoy exciting than normal.

Warning !

The compatible music formats depend on your phone. Some of models support MP3 format only. Therefore, please check if your music are not in MP3 format are saved in your phone

3. How to use ?

Using phone function while playing music

- To Answer a Call While Playing Music

If you receive a call while playing music, press multi-function button (Ⓜ) shortly to answer the call. It will pause the music automatically while calling.

- To End a Call

Press the multi-function button (Ⓜ) shortly. The music will start again automatically after few seconds

To Listening Music via Speaker

If you wish to switch from headphone to speaker press and hold for 2 seconds volume up and volume down button at the same time. Switch speaker to headphone also same..



Rotated 90 degrees

- Tip -

You can also answer a phone call as hands-free while playing music via speaker. The sound quality of the speaker may affect depending on the sound source quality and format or its level of the music file. Please adjust the volume properly of the music source.

Warning !

- Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

- Do not switch to speaker mode in state of put on your head never.

3. How to use ?

(3) Summary of button function

Pairing	(At headphone is turned-off status) Press and hold MFB button and turn on power switch.	
To Make a call to recent call	Press MFB button briefly (Some cell phones are pressed one more)	
To play music	Double click MFB in fast	
To go to previous/next track	(While playing music) Press ◀◀/▶▶ button shortly	
To adjust volume	(While playing music) Press ▲/▼ button shortly (16 steps)	
When have a call while playing music	To answer	Press MFB button shortly
	To reject	Press and hold MFB button for 2 seconds
	To end	Press MFB button shortly
	When call ends	Music automatically continues
Switch to headphone while call with phone	Press ▶▶ (Forward) button shortly	
Switch to phone while call with headphone	Press ▶▶ (Forward) button shortly	
To play music via speaker	Press and hold for 2 seconds 2 Volume buttons at the same time.	

4. Miscellaneous

Battery Charging time/Using Time

Battery Using Time / Charging Time

Charging	Standby		
3 hours	Stand-by	Talk	Music play
	200 hours max	24 hours max	20 hours max

is This is based on headset use. Speaker use will shorten the battery life be described above.

- Tip -

Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. The more you talk on the phone call with the headphone, the less standby time your battery has.

We strongly recommend you to use the provided charger to charge the battery.

The warranty on the battery is valid until 1 year after purchasing.

The warranty on the product is valid until 1 year after purchasing.

This warranty does not cover the damage caused by the user.

Standards and specification

Name of product	A wireless device for wireless data communication system (B24-BT712)
Certification NO.	
Bluetooth Standard	V2.1
Bluetooth Profiles	Headset Profile, Hands-free profile, Audio transfer profile, Audio video remote control profile
Frequency Band	2,402~2,480 MHz
Transmission Power	0.25~2.5 mW
Working Distance	10m max.
Weight	9
Operating Temp.	-20 ~ +70 c

Cautions

The suggestions below will help you protect your warranty coverage.

Please check any exception according to national requirements or limitations in usage of Bluetooth equipment before using your headphone.

Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, allow it to dry completely.

Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.

Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.

Do not attempt to open the device other than as instructed in this guide.

Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.

Keep all accessories and enhancements out of the reach of small children and pet.

4. Miscellaneous

Never touch the electric cord or plug with wet hands.

Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.

Do not use the headset while working on the pedestrian crossing.

Do not place battery near burner or microwave oven as it may explode.

Please use the certified charger to charge the device.

Continuous listening of music at high volume may cause hearing defects.

Limit the amount of time you use the Headphone at high volume.

Do not bend the cable as it may damage the cable and make the connection unstable.

Warning! (IMPORTANT)

1. Do not rely on any electronic device for essential communication(e.g. 911 calls)
2. Keep in mind that your headset and electronic device are connected and must be switched on in a service area with proper cellular signal strength.
3. Emergency call can be disturbed by certain cellular phone networks or when certain network services or phone features are in use. Check with your local cellular service provider.

Kumnam Precision
12Bl, Jung-ri, Seokjeok-eup, Chilgok-gun,
Gyeongbuk, Korea 718-833
+82-54-473-4344

Printed in Korea



FCC Information to User

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 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.



Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : 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

IMPORTANT NOTE:

IMPORTANT Safety Instruction:

CAUTION	
To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside, refer servicing to qualified personnel.	
	This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of shock.
	This symbol, wherever it appears, alerts you to the important operating and maintenance instructions in the accompanying literature. Please read the manual.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this equipment near water.
- 6) Do not using near any heat sources such as radiators, heat resisters, stove, or other equipment that produce heat.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

Information to user.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

KUMNAM Precision Corp. #357, Jung-ri, Seokjeok-eup, Chilgok-gun, Gyeongbuk-do, 718-833 South Korea
TEL : +82-70-4142-4345 / FAX : +82-54-472-3711 / E-mail : kmernd@kmae.co.kr