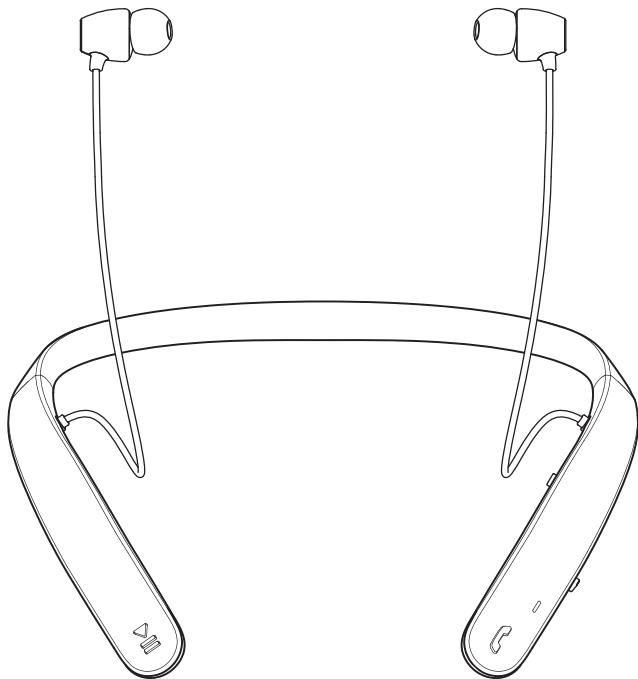




EM-C110

Instruction Manual



Safety Instruction

Please read the ‘Safety Instruction’ and ‘How to use’ carefully before use.

• Wireless Device

Wireless devices can transmit radio frequency (RF) energy, much like a cellular telephone, whenever batteries are installed and the wireless device is turned on (if it has on/off switch). Before boarding any aircraft or packing a wireless device in luggage that will be checked, turn the wireless device off.

• Headset Device

Extended exposure to high volumes when using a headset may result in temporary or permanent hearing loss. To prevent damage to your headset, avoid sitting or stepping on the headset, its cable, or the cable connector.

• Battery-Powered Device

Improper use of batteries may result in battery fluid leakage, overheating, or explosion. Do not heat, open, puncture, mutilate, or dispose of batteries in fire. Do not allow metal objects to touch the battery terminals on the device, they can become hot and cause inflammation.

• Safety Instruction

Please familiarize yourself with the instructions.

Check your ears for massive earwax or foreign objects.

If there is any foreign substance on the product, remove the foreign substance.

Safety Instruction

Please read the ‘Safety Instruction’ and ‘How to use’ carefully before use.

Caution

1. To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.
2. Do not attempt to take apart, open, service, or modify the device, doing so could present the risk of electric shock or other hazard.
3. Do not use this device in a place exposed to high temperature, high humidity or dust. Do not wear this product when receiving medical treatment or radiation treatment at a medical institution.
4. If water or sweat enters the device, it may damage the internal parts and cause malfunction. If water gets in to the device, wipe it with a dry cloth immediately and contact our service center.
5. When decorating or coloring the product arbitrarily, the appearance and surface of the product may deteriorate and cause an irritation depending on the constitution. If this reaction occurs, discontinue use and consult a physician.
6. We recommend using the amplification mode ON / OFF after wearing the receiver on both sides of the ear. Failure to do so may result in unforeseen howling.
7. Excessive high volume may cause temporary or permanent hearing loss.
8. Keep the product clean. Use in dusty environments may cause product failure.
9. Keep earphones and ear tips as clean and dry as possible.
10. To conserve battery power, turn off the product when not in use.
11. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
12. If there is a change in sound quality, remove the ear tip and check the earphone nozzle. If you have any problems, please contact our service center.

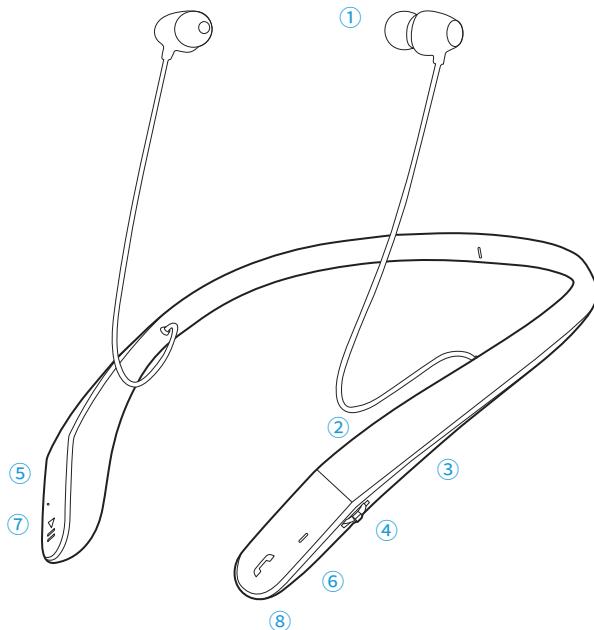
Safety Instruction

Please read the ‘Safety Instruction’ and ‘How to use’ carefully before use.

13. Lithium-ion battery can be replaced by authorized person of manufacturer using tool. Replace of battery by non-authorized personnel can cause the risk to operator.
14. Interference may occur during treatment to other devices, it has a potential risk possibility. Therefore, please operate the device at the environment recommended by manufacturer.
15. If you want to control the sound through the application, please be familiar with how to use the application.
16. If the device is dropped, the device may be damaged, please carefully handle the device not drop from high position to low position.

Component

Product



① Receiver

② Power

③ Charging Port ④ Jog Switch

⑤ Enhancer MIC

⑥ Enhancer MIC + Phone MIC

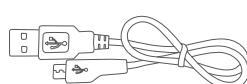
⑦ PLAY Button

⑧ CALL Button

Extra Eartip(S)



Charging Cable



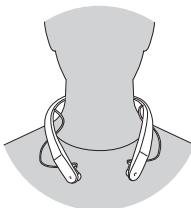
User Manual



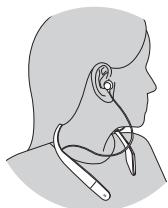
How to Use

How to Wear

"The frequently used function is as following, Operating switch, adjust volume, Clean, Insert/detach the ear-phone. Please carefully read 'How to Use'"



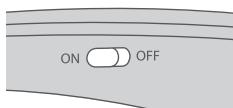
- ① Lightly raise the product on both shoulders with the clogged part of the product behind your neck.



- ② Please gently insert the earphone into your ear.

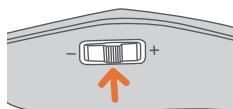
* Forcing to press may cause malfunction of the product or injury to the ear.

Power



You can turn the product on (ON) or off (OFF) by operating the power switch.

Enhancer Mode



You can turn on the enhancer mode by press and holding the jog switch for longer (more than 1 second) to hear amplified sound. To turn off the enhancer mode, press and hold the jog switch for longer (more than 1 second), it will automatically switch to Bluetooth mode.

Volume



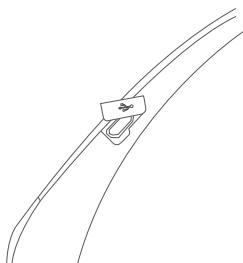
Use the jog switch to adjust the volume to increase (+) or decrease (-).

How to Use

Bluetooth Connectivity

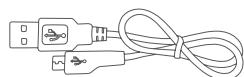
- When you turn on the product, it automatically enters into Bluetooth pairing mode.
- If the red LED light flashes repeatedly, turn on the Bluetooth of the smartphone that you want to connect with and search for the Bluetooth device.
- Select [EM-C110] from the list of Bluetooth devices found on your smartphone to connect.
- To start a new Bluetooth connection, turn on the product again or press & hold play/pause button and call button together for 2 seconds while the power is on, and it will enter the pairing mode manually.
- Pairing mode is maintained for 3 minutes after entering the mode and after 3 minutes, enter the pairing mode again accordingly.
- How the smartphone connects to Bluetooth depends on the manufacturer or model of your phone. Refer to the operation manual of the corresponding device.

Charging



⚠ The shape of the top and bottom of the charger is different so make sure to insert properly.

- To charge, open the cover of the charging port and connect the supplied charging cable properly into neckband.
- When the battery is low, the LED indicator flashes red with voice alert telling you to charge the device.
- When charging, the indicators are as follows:



Battery Low	Battery Medium	Battery High
Red	Purple	Blue

* The use of the product is restricted during charging.

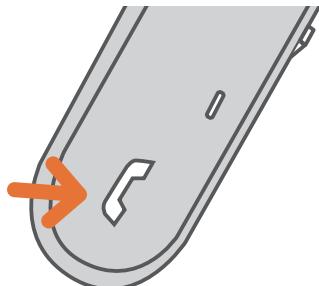
- You can check the battery status through voice alert by pulling or pushing the jog switch in standby mode.

* This product does not provide an adapter, so please purchase an LPS Certified adapter.

How to Use

Phone Call

* Connect Bluetooth on your smartphone first before use.



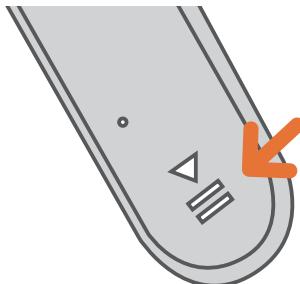
Answer Call	Press the CALL button to answer the call.
Reject Call	When you receive a call, press and hold the CALL button for 2 seconds to reject the call.
End Call	During a call Press CALL button once to hang up.
Voice Dial	Press the CALL button briefly when you are on a call or when a call is not ringing, and if you tell the person you want to call, the phone will automatically make a call using voice recognition. (ex: Call Sam)
Last number Redial	Press and hold the CALL button for 2 seconds to make a call to the number you called last when you are on a call or not picking up a call.
End active call and Answer call	If you press the CALL button when another call is received during a call, the current call is disconnected and the incoming call is received.
Wait active call and Answer call	Press and hold the CALL button for 2 seconds when another call is received during a call.
Enable/Disable Mute	Pressing the PLAY button briefly while in a call will block the incoming call.

* Voice dial and Call switch function only works when the feature is applied to the smartphone

How to Use

Music Streaming

* Connect Bluetooth on your smartphone first before use.



Play	Press Play button to play music on your phone.
Pause	While playing music, press Play button to stop music.
Next/Previous Track	If you move the jog switch up / down during music playback, it moves to the next song / previous song.

After use

- Detach the ear-phone after use, then store the ear-phone and ear-tip by cleaning the ear-phone and ear-tip using clean-dried cloth. If needed, charge the battery.

Disposal

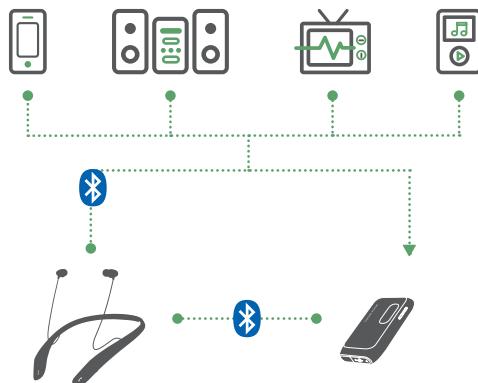
- When you need to discard the equipment by any cases like wanting to change the device or not be operated it anymore due to any reason (damage, over the expected service life, etc.), please dispose the equipment in accordance with any applicable local laws or requirements for disposal of electrical equipment / battery. Should not be disposed of as general household waste. It may cause the environmental pollution.

How to Use

BeethoSOL can connect with dedicated transmitter and be used in various situations.

- Use the transmitter to watch and listen to TV more intensively.
- Use the transmitter to hear distant sound directly to BeethoSOL.
- Connect the transmitter to various audio devices and hear the sound directly to BeethoSOL.

* Transmitter is sold separately. Be sure to read the instruction manual supplied with the transmitter.



A/S Exchange Regulations

- A/S Costs may vary depending on BSL Co., Ltd. regulation.
- Rather if it cost of charge or free of charge, every A/S product including ear tip, and others will be at personal expense when mailing the product.
- Returns and refunds will be made only for the product and will be handled according to the following rules.
- Within one month after the sale of the product, the same product will be exchanged for the repair request or problem raised by the defective product.
- If the purchase receipt cannot be checked, the warranty period of the product is calculated from the date of manufacture. We will replace the product free of charge the trouble that occurs during normal use within the warranty period.
- When a problem occurs in the product, it is collected and checked whether or not the exchange object is to be provided, and exchange service is provided at 1: 1.
- Even under the warranty period, repair cost may be incurred in the following cases.

- Failure or damage due to user's carelessness or misuse
- Failure or damage caused by user's repair modification, disassembly, cleaning, etc.
- Failure or damage due to natural disaster such as fire, earthquake, flood, lightning
- Failure or damage due to improper storage such as falling, impact, pressure, dust, mud, sand
- Failure or damage due to carelessness in storage (hot, humid place, cold)
- Failure or damage caused by consumables or products other than normal products
- If the validation is not possible (eg. if the serial number of the product is damaged)

A/S Inquiry

* Please confirm product model name and fault condition before A/S Inquiry.

Repair Inquiry

» +82-33-243-8384

Visit Inquiry

» Suite 103, 104 GangwonTechno Park ChuncheonVenture 2nd Factory
Sinbuk-ro 61-14 Shinbuk-eup Chuncheon-si Gangwon-do, Zip Code
24206, Republic of Korea

Specifications and Technical Data

Product Name	BeethoSOL	
Manufacture / Country	EM-Tech Vietnam Co., Ltd./Vietnam	
Manufacture Address	Yenphong District, Bacninh Province, Vietnam	
Operating Environment	10~40°C / 30 ~ 75%R.H / 70 ~ 106 kPa	
Storage Environment	10~40°C / 30 ~ 85%R.H / 70 ~ 106 kPa	
Usage Time	Stand-By Time	100 Hrs
	Hearing enhancer Time	18 Hrs
	Phone Call Time	8 Hrs
	Streaming Time	8 Hrs
Charging Time	3 Hrs	
Bluetooth	Ver. 5.0	
Acoustic Parameter	Channel / Band	5 CH / 32 Band
	Driver Unit	Single BA
	Frequency Range	250 Hz ~ 6500 Hz
	Sensitivity	115 dB SPL @1 kHz
	Impedance	30.5 Ohm
Power	Rated Input Voltage(Recharging)	DC 5 V, 300 mA
	Battery	DC 3.7 V, 210 mA
	Current Consumption	10 mA
	Battery Type	Li-ion



BSL Co., Ltd

Suite 103, 104 GangwonTechno Park ChuncheonVenture 2nd Factory Sinbuk-ro 61-14 Shinbuk-eup
Chuncheon-si Gangwon-do, Zip code 24206, Republic of Korea

Tel. +82-33-243-8384 Fax. +82-33-243-8385

* FCC Statement

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.

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

* CE Statement

This product is CE marked according to the provision of the R.E.D Directive (2014/53/EU). Here by BSL Co., Ltd. Declares that this product is in compliance with the essential requirement and other relevant provisions of Directive 2014/53/EU.

- * This device can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum

• RF exposure

The available antenna power of this EUT is 1.92 mW(2.83 dBm, BDR/EDR) and 3.16 mW (4.99 dBm/BLE), the power is Below the low-power Exclusion level defined in 4.2(Pmax: 20 mW).

DOC is available at BSL homepage.



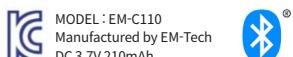
022-180091



FCC ID : Q32-EMC110



MODEL : EM-C110
Manufactured by EM-Tech
DC 3.7V 210mAh



CMIIT ID 2018DJ3131

R-CRM-BSL-EM-C110