

SEOULTEK VALLEY



Bluetooth Handsfree
Carkit
(ABT-C100)
User Guide

Special Features

1. **Easy connection for two drivers**
Two keys for connection. One for main driver, the other for second driver.
2. **Sound option**
Option to use car radio system for telephone call and stereo music listening.
3. **Wireless stereo music player**
Simple wireless stereo speaker for computer and mobile phone to listen to stereo music and phone call.
4. **Acoustic echo cancellation and noise reduction algorithm applied**

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1. About your ABT-C100

(1) Components



<ABT-C100>



<Charging Cable>

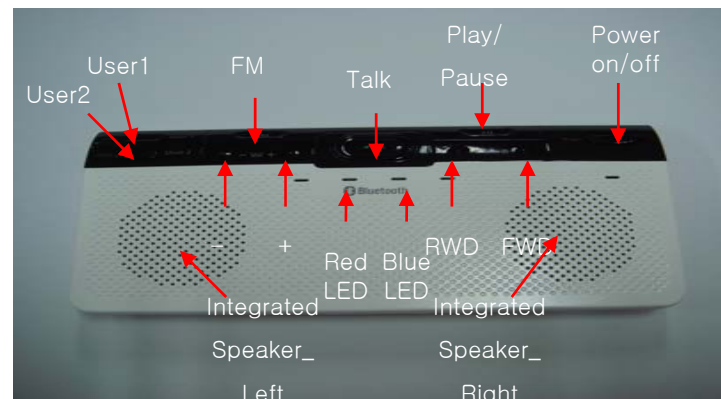


<User's Guide>



<Sun visor Clip>

(2) Illustration



*Bluetooth gateway devices: Bluetooth devices playing a gateway role such as mobile phone, MP2 player, and audio dongle, etc.

(3) How to use buttons

The buttons on your ABT-C100 perform the different functions depending on how long you press them.

Instruction	Duration of press
Long Press	Approx. : 1 second
(Short) Press	Approx. : 0.5 second

04

(4) Install



< Sun visor In a car >



< Metal Frame of Computer >

05



<On the table >

김치냉장고에
붙여 사용하는
모습



<In a kitchen > < In a conference room >

2. Getting started

(1) Charging ABT-C100

Connect the USB side of the charging cable to the USB port of your computer and the mini-USB side of the cable to your ABT-C100. The Red LED will be turned on when charging and turned off when fully charged. It takes approximately 3 hours to fully charge the unit.

Charging time	Operating time		
	Talk time	Standby time	Play time
About 3 hours	About 18 hours	About 500 hours	About 12 hours

ABT-C100 can be charged with any standard USB to Mini-USB cable from +5V USB port of your computer. Furthermore, any user provided charger may be used if the voltage rating resides between +4.5V to +5.5V.

If more than +7V is provided, the integrated over-voltage circuit starts to operate and the circuit cuts out the power to prevent the internal charging circuit from damaged. After return to rated voltage ranges, the charge circuit starts to charge again.

The type of the charging connector of ABT-C100 is mini-USB Type-B.



<Battery Charging>

Checking the battery charge

Remaining charge approximation is provided in ABT-C100. To check the remaining battery charge, press and hold the **+** (volume up) button And **-** (volume down) button simultaneously until the LED flickers.

The meaning of the LED flickering is as follows

Remaining amount	LED status
About 80 ~100%	Red LED and Blue LED blink 3 times simultaneously.
About 20 ~ 80%	Blue LED blinks 3 times.
About 5 ~ 20%	Red LED blinks 3 times.

(2) Turning ABT-C100 on and off

Turning on

Move the **Pwr** switch to the right to turn on your ABT-C100. Blue LED blinks 2 times, one long and one short, with **four increasing beep tones**. And then ABT-C100 automatically searches the last connected device while RED LED blinking. If the last connected device is found, ABT-C100 automatically tries to connect the device and high beep tone is Heard after connected. If ABT-C100 fails to find the last connected device, it sounds low beep tone and goes into the idle state. The first beep is for telephone device (HFP) and the second beep is for audio device(A2DP).

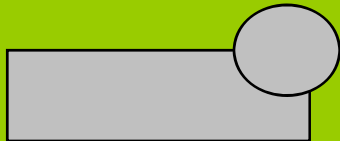
30 minutes of unconnected states triggers automatic power-off feature. In this case, you must slide the **Pwr** switch to off position and slide to on position again to power up.

Turning off

Move the **Pwr** switch to the left to turn off your ABT-C100.

켜고 끄는 그림(pwr버튼을 확대해서)

첫째와 셋째 손가락으로 양가를 잡고 둘째 손가락으로 버튼을 옮기는 모습



(3) Pairing and Connecting ABT-C100 with gateway devices (mobile phone)

1) To put ABT-C100 into pairing mode.

Long press of **User 1** or **User 2** button puts the corresponding user area into the pairing mode except when ABT-C100 is in searching for connection for the last connected device or in pairing mode. In pairing mode, Red and Blue LED blinks alternately. After 3 minutes without connection trial from other device, it returns to the idle state.

<Note>

If you want to connect a new device not connected before to your ABT-C100, you need to pair the device with your ABT-C100 before connection. Pairing creates a unique and encrypted link between two Bluetooth devices and lets them communicate with each other.

<Note>

To provide easy and simple mean to connect for up to two users, ABT-C100 applies two buttons, **User 1** and **User 2**. Two devices can be registered (pair and connect), one device on each button, so that the connection of one user can be easily switched to the other, by hitting the appropriate user button. Each user button holds the ID for the very last connected device.

<Note>

ABT-C100 returns to the standby mode after 3 minutes waiting for connection. RED LED blinks once every 2 seconds in standby mode.

2) Discover ABT-C100 from your mobile phone or equivalent Bluetooth gateway devices

Navigate the Bluetooth menu on your Bluetooth gateway such as mobile phone, search and register the ABT-C100 to the gateway. Refer to the user's guide of the gateway.

<Note>

Search need to be done for stereo headset to use both telephone call and audio player.

3) Connect the ABT-C100 among the searched devices.

Your Bluetooth gateway such as mobile phone shows the list of available Bluetooth devices. Choose ABT-C100 and select "CONNECT" menu. If your are asked to enter PIN code or pass code, press "0000"(four zeros) and confirm key.

<Note>

PIN code or pass code is 16 alphanumeric digits, but usually use only 4 decimal digits and ABT-C100 uses four zeros.



<Note>

The Blue LED blinking once every 2 second and two high beep tones reveals the connection is established. This repeats twice, one for telephone connection (HFP) and the other for audio connection(A2DP). After then, the Blue LED blinks every 3 seconds.

<Note>

The Bluetooth icon appears on the display of the gateway, mobile phone, or other Bluetooth devices. If you carefully see the icon, it differs when only a telephone device, audio device, or both are connected.

<Note>

8 seconds of key pressing for **User 1** or **User 2** clears the registry. Three blinks of Blue LED and one successive blink of Red LED shows the clearing activity is succeed. Two **low** beep tones are also provided.

Disregard the blinking of Red and Blue LED alternately with two beep tones during the button press.

<Note>

When you turn ABT-C100 on, it automatically searches the last connected device and automatically connects if available.

(4) Connecting to the registered device

When your ABT-C100 is registered but not connected, you can connect either from the gateway device or by pressing **User 1** or **User 2**.

<Note>

If **User 1** or **User 2** has a registry for the last connected device, simple hitting of the corresponding button connects the Bluetooth link.

<Note>

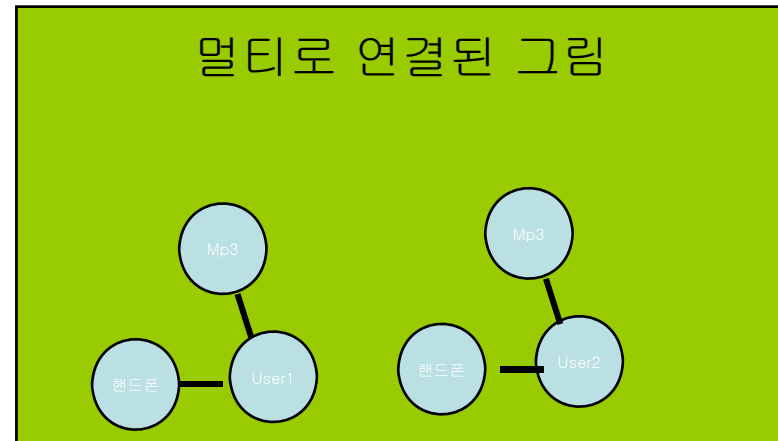
Headset icon in your Bluetooth gateway device, such as mobile phone, shows the Bluetooth connection state.

If you disconnected the Bluetooth link and want to connect to the same device, wait till the icon shows link disconnected. Otherwise, the connection may fail because both the gateway and ABT-C100 page simultaneously. Sometimes in this situation, only part of the link may be established, only telephone link (HFP) or audio link (A2DP), not both.

Temporarily break of the link and reestablishment put the device to the same situation. Just press User1 or User2 button to correct the link. If this doesn't work, you need to pair and connect again from the start.

Multi Pairing

Each user, **User 1** or **User 2** may have two different kinds of Bluetooth devices. For example, a mobile phone and MP3 player on each user.



(5) Connecting ABT-C100 to your computer

Being used with a Bluetooth USB audio dongle or a Bluetooth audio dongle, ABT-C100 can be used as AV accessory on the PC, that is wireless microphone and speaker on your computer. You can make a VoIP call or listen to the music or movie. Make sure the proper Bluetooth connection is established

3. Using your ABT-C100


(1) Calling

All talking functions below need hands-free connection or stereo headset with hands-free connection. Make sure the proper Bluetooth connection is established.


<Note>

An echo sound may take place when the voice feedback level is extremely high and far above the level the integrated Acoustic Echo Canceller can handle.


- Standby status

Your ABT-C100 rings when a call is coming in. Press  to answer the call.


- Music play status

Music is temporarily paused and your ABT-C100 rings when a call is coming in. Press  to answer a call. After you end a call, music continues to play automatically.

2) Ending a call

Press  to end an active call during a call. The call ends up with one high beep tone.

3) Rejecting a call



When your ABT-C100 rings, long press of  rejects the call. The call ends up with one high beep tone.

<Note>




Call rejection works if the mobile phone supports call rejection feature. Some mobile phone has the routing options for the call rejection, for example, provision of error tone or routing to personal voice mail.

4) Making a call


- Dial new number

Enter phone number into your mobile phone and just press  of your ABT-C100. To stop the progressing call, press  again.


- Last number redial

Press of  of ABT-C100 shows the list of several last dialed phone numbers on the display of the mobile phone with the very last number is selected. Scroll and choose the number you want to call, and then, press  again, which route the call. To stop the progressing call, press  again.

<Note>

Depending on your phone setting, the first press of  immediately starts call routing with the very last dialed number without displaying.

- Voice dialing

At standby state, long press of  leads your phone move into voice dialing mode if it features.

<Note>

Some mobile phones support the voice dialing feature and some don't. Please make sure if your phone provides this feature before using.

5) Adjusting a volume

Press the **+** button and **-** button to adjust the volume.



6) Muting the Microphone and release

Long press of **-** button mutes the microphone with two beep tone. The remote party cannot hear what you are talking. To end the mute function, Press long **-** button again. It toggles.

7) Transferring a call

During an active call, long press of **»** button transfer the call from your ABT-C100 to the connected mobile phone. Another long press of **»** button transfers reversely, from the connected mobile phone to your ABT-C100. It toggles.

8) Call waiting

Press  to put an active call on hold and answer a waiting or incoming call. Another press  put an active call on hold and answer a waiting or incoming call. All calls, active or waiting, are disconnected after hooked off.

<Note>

Some mobile phones or mobile service providers support the call waiting or three way call feature and some don't. Please make sure if your phone or mobile service provider support this feature before using. For more detailed information, please refer to your mobile phone manual and contact to your mobile service provider .

(2) Audio Listening (music listening)

All music listening functions below need stereo headset connection or stereo headset with hands-free connection. Make sure the proper Bluetooth connection is established.

If your ABT-C100 is connected with a gateway device, such as mobile phone and MP3 player, you can listen the music and remote control the device by ABT-C100.

Function	How to use button
Play/ Pause	Press > button
Stop	Long > button
Rewind / Forward	Press « / »» button
Fast rewind/ Fast forward	Long « / »» button
Volume	Press + (volume up) / - (volume down) button

<Note>

To use remote control, the connected device must support Bluetooth audio and video remote control profile (AVRCP).

(3) Speaker or FM transmitter

RX voice of a call and audio sound of stereo music play can be heard either integrated stereo speakers or FM radio receiver. The default is using integrated stereo speakers.

If you press **FM** button once, the audio output is switched to the first channel of FM transmitter, 88.3MHz, with one beep.

If you press **FM** button again, the channel moves to 88.5MHz with two beeps.

If you press **FM** button again, the channel moves to 88.7MHz with three beeps.

If you press **FM** button again, the channel moves to 88.9MHz with four beeps.

If you press **FM** button again, it returns to the default, internal speakers, with low beep tone. The sequence repeats on every press of button. Long press of FM button at any state make return to the default, internal speaker, with low beep tone .

<Note>

You have to allow 4 seconds between **FM** button press.

<Note>

You have to allow 4 seconds between **FM** button press.

<Note>

Strong radio power from radio broadcasting stations may interfere the music listening and communication through internal FM transmitter. Try to use another channel or make the set to face the antenna directly. Every four channel suffers from same situation, use internal speaker.

<Note>

Power cycle always returns ABT-C100 audio path to the default, through the integrated stereo speakers .

<Note>

Please make sure the channel of car radio receiver also need to be changed to be the same frequency of ABT-C100

<Note>

FM radio usually allows better communication performance and sound quality.

<Note>









Change of FM channel during a call make beep tone distorted with howling sound by audio feedback because both microphone and speaker are operating..

Channel	How to use button	Sound	Frequency
Ch1	Press FM button	1 high beep tone	88.3Mhz
Ch2	Press FM at ch1	2 high beep tones	88.5Mhz
Ch3	Press FM at ch2	3 high beep tones	88.7Mhz
Ch4	Press FM at ch3	4 high beep tones	88.9Mhz
Speakers	Press FM at ch4	1 low beep tone	Speakers

(5) Controlling ABT-C100

Function	Button	Previous State	Duration of press	Tone	LED
Connection					
Turn on	Pwr	Power off	Move to the right(→)	4 increasing beep tones	Long and short Blue LED
Turn off	Pwr	Operating	Move to the left(←)	None	None
Connecting /Reconnecting	Pwr	Disconnected	None	Two consecutive combination tones, one for HFP, the other for A2DP – Connected: high beep tone – Connection failed: low beep tone	Red LED
	User 1 User 2	Disconnected Connected	Press		
Pairing	User 1 User 2	Any state except pairing and connecting	Long press	2 low beep tones	Red LED and Blue LED
Initialize	User 1 User 2	Any state except pairing and connecting	Press and hold 8 seconds	2 low beep tones	Three blue and one Red LED (RED/BLUE from 1 sec passed)
Switch the user	User 1 User 2	Any state except pairing and connecting	Press	Two consecutive combination tones, one for HFP, the other for A2DP – Connected: high beep tone – Connection failed: low beep tone	Red LED for connecting Blue LED for connected
Audio (Music)					
Play	> 	Stop/Pause	Press	None	Blue LED
Pause	> 	Play	Press	None	Blue LED
Stop	> 	Playing/Pause	Long Press	None	Blue LED
Rewind/ Forward	<< >>	Playing/Pause	Press	None	Blue LED
Fast rewind / Fast forward	<< >>	Playing	Press and hold	None	Blue LED
– 30 minutes of unconnected state triggers automatic power-off feature. Slide the power switch off and on to power up					









(5) Controlling ABT-C100

Function	Button	Previous State	Duration of press	Tone	LED
Talk					
Listing the last numbers dialed		Standby	Press	None	Blue LED
Call		No. entered No. selected	Press	None (Progressing tones from telephone network)	Blue LED
Receive		Ringing	Press	None	Blue LED
End a call		During a call	Press	1 high beep tone	Blue LED
Reject a call		Ringing	Long press	1 high Beep tone	Blue LED
Mute / Unmute	-	During a call	Long press	2 Beep tones	Blue LED
Voice dial		Standby	Long press	1 high beep tone	Blue LED
Cancel the Voice dial		Voice dialing state	Press	None	Blue LED
Call waiting		During a call	Long press	None	Blue LED
Transfer device	»	During a call	Long press	None	Blue LED
FM transmitter					
Audio RX-FM1	FM	Internal Speaker	Press	1 high beep tone	Blue LED
Audio RX-FM2	FM	FM1 channel	Press	2 high beep tones	Blue LED
Audio RX-FM3	FM	FM2 channel	Press	3 high beep tones	Blue LED
Audio RX-FM4	FM	FM3 channel	Press	4 high beep tones	Blue LED
Internal speakers	FM	FM4 channel	Press	1 low beep tone	Blue LED
internal speakers	FM	Any FM channel	Long Press	1 low beep tone	Blue LED
Common					
Volume Up / Down	+ / -	During a call Playing	Press	None	Blue LED

(6) State of ABT-C100

Function	Button	Description	Tone	LED
Connection				
Turn on	Pwr	Power up	4 increasing beep tones	Long and short Blue LED
Turn off	Pwr	Power down	None	None
Power On Auto Connecting	None	Automatic connection to the last connected device	None	Fast Red LED
Connecting	User 1 or User 2	Connecting to paired device		Fast Red LED
Connected	None	Bluetooth link connected state		Blue LED every 3 Sec.
Unconnected	None	Bluetooth link unconnected state		Red LED every 2 Sec.
Connection succeeded	None	Succeeded to connect the device	Two consecutive high beep tones	
Connection Failed	None	Failed to connect the device	Two consecutive low beep tones	
Pairing	User 1 or User 2	Two devices share their information	2 low beep tones	Red LED and Blue LED
Initialize	User 1 or User 2	Clears the registered device information Needs only for production line	2 low beep tones	Three blue and one Red LED (RED/BLUE from 1 sec passed)
Switch the user	User 1 or User 2	Change the user from User1 to User2 or vice versa	Two consecutive combination tones, one for HFP, the other for A2DP – Connected: high beep tone – Connection failed: low beep tone	Red LED for connecting Blue LED for connected
Automatic Power Off	None	Unconnected for 30 minute triggers power off.		
Audio (Music)				
Play / Pause	>		None	Blue LED
Stop	>		None	Blue LED
Rewind/ Forward	« / »		None	Blue LED
Fast rewind / Fast forward	« / »		None	Blue LED
Common				
Volume Up / Down	+ / -		None	Blue LED

(6) State of ABT-C100

Function	Button	Description	Tone	LED
Talk				
Listing the last numbers dialed			None	Blue LED
Call			None (Progressing tones from telephone network)	Blue LED
Receive			None	Blue LED
End a call		Ends a call during connecting and connected.	1 high beep tone	Blue LED
Reject a call		Rejects incoming call	1 high Beep tone	Blue LED
Mute / Unmute	-		2 Beep tones (high +low)	Blue LED
Voice dial			1 high beep tone (Sometimes hard to hear by being mixed with voice prompt)	Blue LED
Cancel the Voice dial			None	Blue LED
Call waiting		Puts on hold the current call and receives the incoming call or the call held before	None	Blue LED
Transfer device	«	Trans the call from ABT-C100 to the phone and vice verse on each press	None	Blue LED
FM transmitter				
Audio RX-FM1	FM	Set audio RX path to 88.3MHz of FM radio	1 high beep tone	Blue LED
Audio RX-FM2	FM	Set audio RX path to 88.5MHz of FM radio	2 high beep tones	Blue LED
Audio RX-FM3	FM	Set audio RX path to 88.7MHz of FM radio	3 high beep tones	Blue LED
Audio RX-FM4	FM	Set audio RX path to 88.9MHz of FM radio	4 high beep tones	Blue LED
Internal speakers	FM	Set audio RX path to internal stereo speakers	1 low beep tone	Blue LED
Internal speakers	FM	Long press of FM button returns the Audio RX path to the internal stereo speakers at any state	1 low beep tone	Blue LED

4. Annex

(1) Troubleshooting & FAQ

1) Cannot turn my ABT-C100 on

- ABT-C100 battery may be overdrawn. Try recharging the unit.

2) Crackling noise is heard

- Bluetooth devices are short range RF communication product and the distance between the paired devices must not exceed 10 meters.
- Bluetooth device is RF product and is so sensitive to an obstacle between your ABT-C100 and the paired device.
- Some electrical devices such as microwave oven generate a radio frequency noise to interfere your ABT-C100 to communicate with the Bluetooth device.
- For best audio quality, put the paired device in line of sight from your ABT-C100.

3) Cannot hear anything

- Make sure the Bluetooth gateway device is connected to your ABT-C100.
- Increase the volume on the ABT-C100.

4) Difficult to pair and connect even though the Bluetooth gateway device is working

- ABT-C100 registry might be deleted from your gateway device, such as mobile phone. Follow the steps for pairing and connection.
- The connection process might be stuck. Do the connection process after power cycle.

5) ABT-C100 does not operate well with the Bluetooth gateway device

- Though ABT-C100 and your gateway device comply with Bluetooth specification (1.2, 2.0, or 2.1) there can be compatibility problem because of differences in realization. Please check to the sales representative.

6) Redial and voice dial

- These features operate when your paired device supports them. Please check the phone's manual for further details.

7) ABT-C100 does not respond to any button press

- Needs power cycle.

8) Battery operating time is short compared to the ABT-C100 user guide

- Naturally, the battery capacity decreases with time passed.
- Locating the battery in the place outside the temperature range of 0 to 40 degree Celsius dramatically decreases the battery capacity.
- Warranty period of battery is six months.
- Please visit a service center to replace the battery.

(2) Description on some terminology

1) **Bluetooth** is a radio technology that connects devices, such as mobile phones and headsets, without wires or cords over a short distance (approx. 10 meters).

- Because of electronic interference with other devices, abnormal operations or noise may occur.

Electronic interference can occur because Bluetooth uses a frequency range which is used by Industrial, scientific, medical devices, a microwave oven, or a wireless LAN. Bluetooth devices must be apart from these devices.

- Depending on environments where Bluetooth devices are used, abnormal operations or noise may occur.

If your body interfere signal transmission, abnormal operations or noise may occur. If part of your body like hands contacts around radio circuit area sending or receiving electronic waves, abnormal operations or noise may occur.

Because radio wave strength is changed by an obstacle, such as wall, partition, or others, noise may occur depending on your position.

- During a call, a noise may take place if the unit and the gateway device, such as mobile phone, are not located close enough to radio communicate.

If this condition continues, the Bluetooth connection between ABT-C100 and the gateway device may be disconnected.

- Functions of each Bluetooth device can be different according to realization of their company.

To get more information: www.bluetooth.com.

2) **Bluetooth profiles** are predefined functions by Bluetooth SIG for many kinds of device dependant protocols. Bluetooth gateway, such as mobile phone, supports either the headset profile, the hands-free profile, or both. To implement a profile, all mandatory features must be supported.

- Headset profile: mono headset profile
- Hands-free profile : the profile proper to make a call through the connected mobile phone
- Advanced Audio Distribution Profile / Audio Video Remote Control Profile(A2DP/AVRCP) : specification which can play stereo

3) **Advanced Audio Distribution Profile (A2DP)** is Bluetooth profile which can deliver stereo sound. To enjoy stereo music, both Bluetooth devices connected together support A2DP.

4) **Audio/Video Remote Control Profile (AVRCP)** is Bluetooth profile that a device can remote control the connected device. To use AVRCP, both Bluetooth devices connected together support AVRCP.

5) **Pairing** creates a unique and encrypted link between two Bluetooth devices and lets them communicate with each other.

6) **Pairing mode** is the state in which the Bluetooth gateway device can pair. After paired, it can be connected.

7) **Connected mode** is the condition that a two Bluetooth devices are linked together logically. In this state, the audio can be listened and call can be made

8) **Standby mode** is when a Bluetooth device is idle waiting for a call or audio play. The Blue connection is made.

9) If you do not connect a Bluetooth device for 30 minutes after power up, the unit goes powered off.

(3) Safety and general information

1) Safety guidelines

- Do not use ABT-C100 in a danger of ignition of flammable gases.
- To avoid any damage or malfunction, do not drop the unit from high places.
- Do not modify, repair and disassemble the unit at discretion.
- Keep away the unit from humidity, water, and any other liquid. If the unit is exposed to water, moisture, and other liquid, power off immediately and dry it. Contact to the sales representative.
- Do not use chemical products to clean the unit.
- Use only +5V supply to charge. Accompanied charging cable is recommended, but any standard USB cable can be used. The charging connector is mini-USB type B.
- Place the unit between 10 to 40 degree Celsius when not using for a long period of time.
- Avoid from using the unit around medical devices.
- Please check if the local laws restrict the use of mobile phones while driving. It is the owner's responsibility to use this product in compliance with the local laws.
- Do not use the unit at high volume for very long. With continued use at high volume, your ears may become accustomed to the sound level, which may result in permanent damage to your hearing without any noticeable discomfort.
- Replacement or service must be done at a qualified service center or returned to the manufacturer.
- This wireless device can not be used to services related to life safety because it is vulnerable to radio interference.

2) Exemption Clause

- Manufacture company, sale company and commercial agent are not responsible for accidental injury and damage caused by consumer's fault.
- This user guide is made with present specifications.
- Specifications and direction for use change without advance notice to improve ABT-C100.

(4) FCC Statement

This device complies with part15 of the FCC Rules. Operation is subject to the following 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 modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

RF exposure statements

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

<Note>

The manufacturer is not responsible for any interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

(5) European Union Notice

Products with CE marking comply with the R&TTE Directive(99/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

(6) Safety

1) Caution

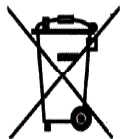
Danger of explosion if battery is incorrectly replaced.

Replace only with same or equivalent type.

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

Please note that this product uses radio frequency bands not harmonized within EU. Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland. Bluetooth is a trade mark owned by the Bluetooth SIG, Inc

(7) WEEE symbol information



**Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)**

(Applicable in the European Union and other European countries with separate collection systems.)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.

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

Household users should contact either the retailer where they purchased this product or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

(8) Warranty

The condition of the warranty and our accompanying responsibilities are as follows. Supplier's warranty is non-transferable and this warranty is limited to the original purchaser only.

- You must be able to prove the date of purchase for the new product with a dated receipts.
- The warranty is not applicable if the product has been subject to physical abuse, improper installation, modification or repair by unauthorized personnel.
- The responsibility of supplier's products shall be limited to the repair or replacement of the product at its sole discretion.
- Specifically, limited-life consumable components which are subject to normal wear and tear, such as battery, are exempted from any warranty.
- A supplier will not take any responsibility if the failure of the unit is resulted from accident, abuse, misuse, or any unauthorized repair, modification, or disassemble.
- Modification and repair of the unit should be done by authorized and qualified service personnel, authorized service center, or manufacturer.

Important note : To comply with RF exposure requirements, this device may not be co-located with any other transmitter or antenna.

