

## Advanced Bluetooth Wireless Product

---

BT-202



# Contents

<b>Introduction</b> .....	<b>1</b>
<b>Feature List</b> .....	<b>3</b>
<b>Safety and General Information</b> .....	<b>4</b>
<b>Before Using</b> .....	<b>6</b>
Package contents .....	6
Turning the unit on/off.....	7
Installing the unit in a vehicle.....	8
<b>Location of Controls</b> .....	<b>9</b>
<b>Function Operations</b> .....	<b>11</b>
Pairing .....	11
Adjusting speaker volume.....	13
Adjusting ringer volume .....	15
Back up SIM .....	16

Symptom	Check&Remedy
Nothing appears on LCD display	<ul style="list-style-type: none"> <li>● Check that the LCD display is connected to base unit properly.</li> <li>● Check that the base unit is connected to cigarette lighter properly.</li> </ul>
No operation	<ul style="list-style-type: none"> <li>● Check that the base unit is connected to cigarette lighter properly.</li> <li>● Check that the base unit is turned on.</li> <li>● Check the pairing is successful.</li> </ul>
No LED indicator	<ul style="list-style-type: none"> <li>● Check that the base unit is connected to cigarette lighter properly.</li> <li>● Check that the base unit is turned on.</li> </ul>
Cannot work	<ul style="list-style-type: none"> <li>● Power down then up the unit.</li> </ul>

Download to SIM .....	17
Deleting the phonebook number .....	19
Language setting .....	20
Making a call .....	21
Answering a call.....	22
Ending a call.....	23
Last number redial.....	23
Rejecting a call.....	24
<b>Caller ID SystemOperations .....</b>	<b>25</b>
Viewing Caller ID numbers .....	25
Calling back the last 5 Caller ID numbers.....	27
Transferring a call.....	27
<b>Status Indicators .....</b>	<b>29</b>
<b>Care and Maintenance .....</b>	<b>30</b>
<b>Troubleshooting.....</b>	<b>31</b>

## **Your Bluetooth wireless product BT-202**

---

The Bluetooth wireless product BT-202 is developed for installation in motor vehicles to enable handsfree operation of your mobile phone. It is based on Bluetooth wireless technology connects to a compatible phone without wires. It easily converts your mobile phone communication into this in-car solution, talking through its high quality speaker and microphone.

The product is intended for use with any mobile phones which support handsfree and/or headset profile. For the mobile phones which support handsfree and headset profiles, the BT-202 will try to connect to mobile phone with handsfree profile first, if it fails, then with headset profile. **If your mobile phone and the BT-202 connects to each other with headset profile, the following function may be invalid. LCD display, Voice dialling, Last number redial and rejecting a call.**

## **What is Bluetooth wireless technology**

---

Bluetooth wireless technology propels you into a new dimension in connectivity.

Bluetooth devices communicate without wires, using built-in radio transceivers that operate on a globally available radio frequency to ensure worldwide compatibility. Your

**Your advanced BT-202 is a product of superior design and should be treated with care. The suggestions below will help you to enjoy your product for many years.**

- Keep the product dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the product in dusty, dirty areas.
- Do not attempt to open the product. Non-expert handling may damage it.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the product. Use a clean, soft cloth that is slightly damp to clean the product.
- If the product won't be used for a long time, remove it from cigarette lighter and store it with safely protected.

Status	Indicators
Pairing mode	The Red LED and Blue LED flash alternately.
Standby mode	The Blue LED flashes per 3 seconds.
Turn on /off the unit by pressing MFB	The Blue LED flashes 4 times rapidly.
Power up the unit	The Red LED and Blue LED flash alternately once, then the Blue LED flashes 20 times rapidly.
In talk mode	The Blue LED flashes every second.

### What is Bluetooth wireless technology(continued)

---

Bluetooth wireless product BT-202 can connect to other Bluetooth devices within a range of approximate 10 metres.

The wireless connection between the compatible devices established using Bluetooth technology is free of charge for the user. In some countries, there may be restrictions on using Bluetooth devices. Check with your local authorities.

1. Bluetooth compatible
2. Up to 10metres range
3. LCD displays calling numbers
4. Talk time display
5. Full duplex
6. Easy installation
7. Speaker and ringer volume adjustment
8. Call back function
9. Voice dialling function
10. Last number redial
11. Transfers a call between the unit and mobile phone
12. Copy numbers to SIM card (or from SIM card)
13. Infrared remote control
14. Language selection

### Transferring a call (continued)

---

3. To transfer back, just press MFB once.

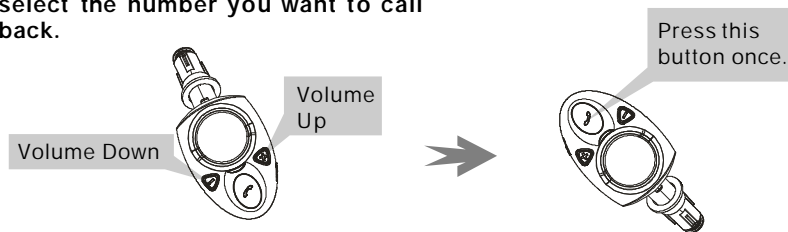
*To transfer a call from mobile phone to the unit*

1. When a call is received, press the reception button in your mobile phone to answer the call.
2. Press MFB once. Then the call is transferred to the unit, and your mobile phone returns to Standby mode.
3. To transfer back, Press MFB for about 3 seconds and then a confirmation tone will be heard.

## Calling back the last 5 incoming numbers

---

1. In Standby mode, press Volume Up or Volume Down button repeatedly to select the number you want to call back.
2. Press MFB once to call back.



## Transferring a call

---

During a call, the feature allows you to transfer a call from the unit to your mobile phone or vice versa so that you can accept the call in private or in public conveniently.

*To transfer a call from the unit to mobile phone*

1. When a call is received, press MFB to answer the call.
2. Press MFB for about 3 seconds and then a confirmation tone will be heard. Then the call is transferred to mobile phone, and the unit returns to Standby mode.

## Important information on safe and efficient operation.

### Read this information before using your device.

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Electromagnetic interference/compatibility

Nearly every electronic device is susceptible to electromagnetic interference if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

### Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your device in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

### Aircraft

When instructed to do so, turn off your device when on board an aircraft. Any use of a device must be in accordance with appliance regulations per airline crew instructions.

### Medical devices

#### *Hearing aids*

Some devices may interfere with some hearing aids. In the event of such interference, you may want to consult with your hearing aid manufacturer to discuss alternatives.

#### *Other medical devices*

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

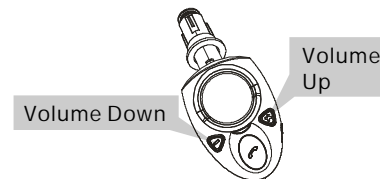
### Industry Canada Notice to Users

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.

### Viewing incoming numbers (continued)

Press **Volume Up** to view the forward number, press **Volume Down** button to view the downward number.

The location of the **+** icon indicates the sequence of the incoming call number.



This icon indicate the incoming number is the fourth record.

VOL. --- + -  
05926036442



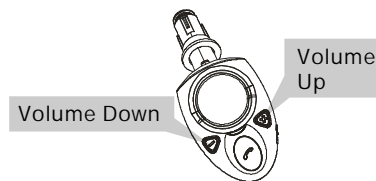
# Caller ID System Operations

When a call is received, the LCD display shows caller's number, if your local telephone company provides the Caller ID service. If the incoming number is stored in the phonebook, the matching name will display instead of the number when it is received. The last 5 incoming numbers will be saved in the Caller ID list, and you can use the list to dial the numbers. If the storage is full, the oldest number will be replaced by the new one.



## Viewing incoming numbers

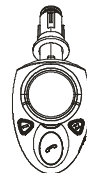
In Standby mode, press Volume Up or Volume Down button repeatedly to view the incoming numbers.



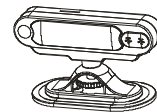
# Before Using

## Package contents

Once you have opened the gift box, check to make sure that you have all the parts shown below. If any piece is missing or broken, please call your dealer.



Base unit



Display unit with coil cord



Remote control unit



User's manual

## Turning the unit on/off

When you turn on the ignition of your car, the unit is turned on automatically. Then the Red and Blue LEDs flash alternately once and then the Blue LED flashes 20 times rapidly, meanwhile "Welcome to BT202" will show on the LCD display. After that, the Blue LED flashes per 3 seconds, and the LCD display shows the icon "VOL ..|||". Then unit enters Standby mode and is ready for use.

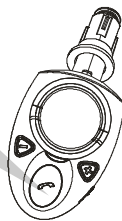
To turn off the unit in Standby mode  
**Press and hold MFB until a prompt tone is heard.**

To turn on the unit  
**Press and hold MFB until a prompt tone is heard, and then the Blue LED starts to flash per 3 seconds.**

Welcome to BT202

VOL ..|||

Press and hold this button until a prompt tone is heard.



## Rejecting a call

When a call is received, the unit rings and the LCD display shows the caller's number. If the incoming number is stored in the phonebook, the matching name will display instead of the number when it is received.

**Press and hold MFB until a prompt tone is heard to reject the call.**

**OR**

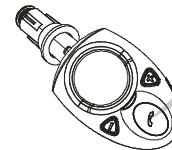
**Reject the call from your mobile phone's keypad.**

When you are making a call with the unit, if you want to end the call before getting through the line, do as follows.

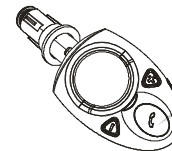
**Press MFB once to reject the call.**

**OR**

**Reject the call from your mobile phone's keypad.**



Press and hold this button until a prompt tone is heard.

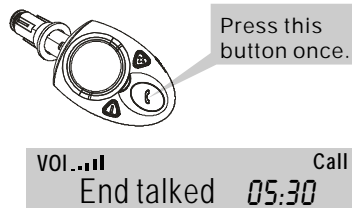


Press this button once.

## Ending a call

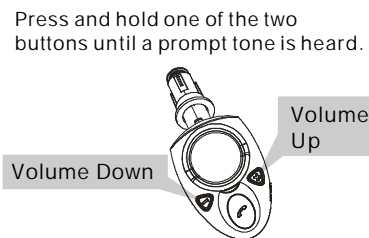
Press MFB once.  
OR  
End call from your mobile phone's keypad.

After ending the call, the LCD will display the talk duration.



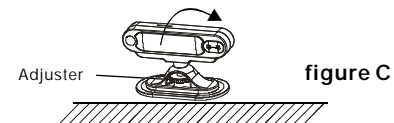
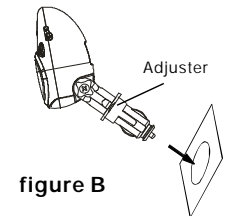
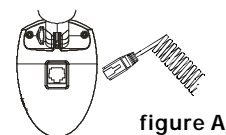
## Last number redial

In Standby mode, press and hold Volume Up or Volume Down button until you hear a prompt tone. After the tone, the last dialled number will be dialled out automatically.  
OR  
Dial the last dialled number from you mobile phone's keypad.

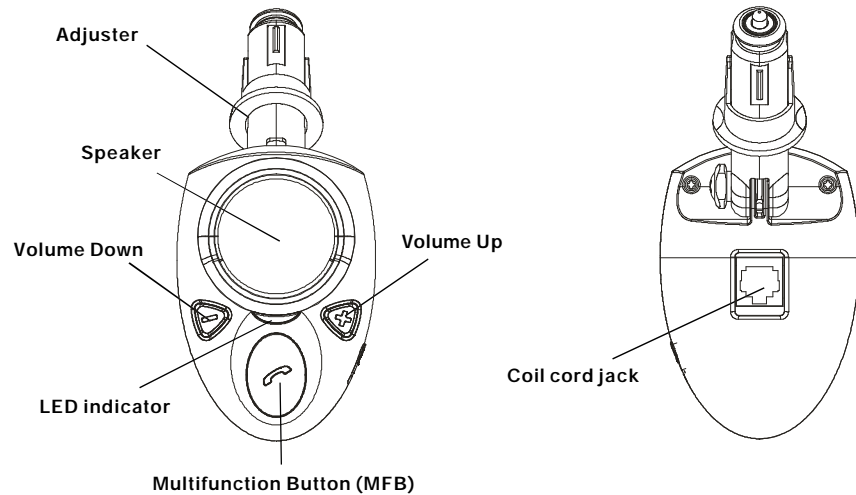


## Installing the unit in a vehicle

1. Insert the plug of coil cord into the coil cord jack on the base unit. Make sure the plug clicks into place. See figure A.
2. Installing the base unit (See figure B)
  - a. Insert the base unit into the cigarette lighter of your vehicle. See figure B.
  - b. Push the adjuster in the arrow direction to fasten the base unit.
3. Paste the LCD display unit at proper place where you can watch the LCD display easily. You can relax the adjuster, then screw the LCD to adjust the microphone mouth point toward to your mouth. See figure C.



## Base unit



## Answering a call

When a call is received, the unit rings and the LCD display shows the caller's number. If the incoming number is stored in the phonebook, the matching name will display instead of the number when it is received.

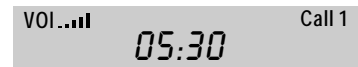
Press MFB to answer the call.

OR

Answer the call with your mobile phone's keypad.

Note:

- If the call is answered by pressing MFB, after getting through the line, the unit starts to time and the LCD display shows the talk time.



## Making a call

Using your mobile phone

1. In Standby mode, dial the number by keypad.
2. Press mobile phone's "send" key.

Using the unit's voice-dialling (if supported by your mobile phone)

1. In Standby mode, press MFB.

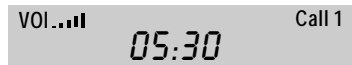
### Note:

- The time of pressing MFB should be more than 0.2 seconds and less than 1.6 seconds.

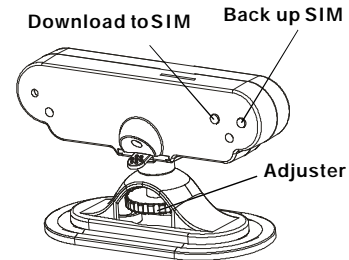
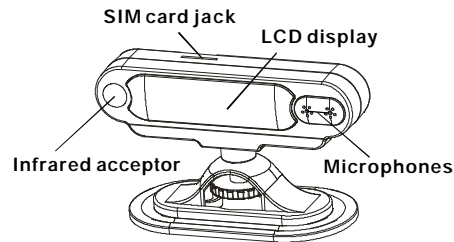
2. You will then hear the voice-activation tone and your mobile will remind you to speak the voice tag. After that, speak a voice tag which matches your desired number that was recorded in your mobile phone. Then the unit will repeat your voice tag and dial out the number.

### Note:

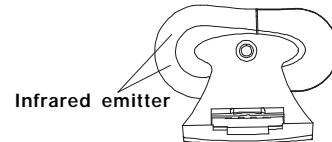
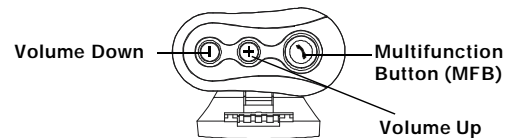
- After activating voice-dialling function, the unit starts timer and the LCD displays how the talk time.



## Display unit



## Remote control unit



## Pairing

---

Your BT-202 can store pairing information for up to five different devices equipped with Bluetooth wireless technology. When an attempt to pair to more than five devices is made, the oldest paired device is removed from the memory.

When any of the paired devices are in the range of 10 metres and power is on, the unit will automatically initiate a paired connection with the **last** device it was connected to. If not, press **MFB** to quickly start the connection.

If you want to connect to another device of the paired devices, you could initiate the connection from your mobile phone (please refer to your mobile phone's manual). If you want to connect to other devices which haven't paired with the unit, you must initiate the pairing process as follows.

### Note:

- If you power down then up the unit or the paired mobile phone, they will initiate the connection automatically.

With the unit and your mobile phone in close proximity, do the following steps to pair them.

## Language setting

---

You can select a display language. 4 different languages are available. They are German, English, Spanish and French. You should set the language during the installing process (refer to "installing the unit in a vehicle" on page 8 for details).

1. **Press and hold both "Back up SIM" and "Download to SIM" button on the rear of the display.**
2. **Insert the base unit into the cigarette of your vehicle. The LCD will show "language setting", and then the current setting ("German, English, Spanish or French").**

**3. Press the "Back up SIM" button to select the language.**

**4. Press the "Download to SIM" button to confirm.**

## Deleting the phonebook number

You can delete the number in the phonebook.

1. Press both "Back up SIM" and "Download to SIM" button on the rear of the display unit once. The LCD will show "Del phonebook?"
2. Press the "Download to SIM" button to confirm. The LCD will show "Deleting" and then " Deleted all".  
OR  
Press the "Back up SIM" button to exit, the LCD will show "Return".

VOI...  
Del. phonebooks ?

VOI...  
-----Delete-----

VOI...  
- Files deleted - -

VOI...  
-----Return-----

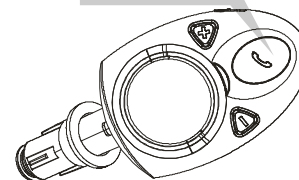
## Pairing(continued)

1. Press and hold MFB until a prompt tone is heard to indicate the unit is turned off. (When the unit is in Standby mode.)
2. Press and hold MFB until the Red LED and Blue LED flash alternately. Then the unit enters pairing mode, and "Pairing" will show on the LCD.

### Note:

- You will hear a prompt tone which indicates the unit is turned on. You should continually hold the button until the Red LED and Blue LED flash alternately. Then the unit enters pairing mode.
3. Initiate the pairing process using the mobile phone that you want to

Press and hold this button.



VOI...  
----- Pairing -----


## Pairing(continued)

match. Then the phone will remind you to enter passkey. The default passkey is " 0000 ". Please refer to the user's manual of your mobile phone for "pairing process".




VOL...

### Note:

- After the unit enters pairing mode, if there is no device linked within 2 minutes, the unit will return to Standby mode.
- If the pairing is successful, the LCD display shows "VOL... " and the unit enters Standby mode. Then the unit and mobilephone are ready for use.

## Adjusting speaker volume

You can press **volume up** or **volume down** button or use your mobile phone (depending on your mobile phone) to adjust the speaker volume during conversation. There are 5 levels for adjusting. During adjusting, the icon  varies according to the volume levels. The more bars, the higher the volume.

1. Press Volume Up button repeatedly to increase speaker volume. See figure 1. **OR** Use the volume up switch of your mobile phone to increase speaker volume (depending on your mobile phone).


### Note:

- If you have not insert a SIM card into the SIM card jack, the LCD will show "Insert SIM card " to prompt you to insert the card.
- If the card dose not touch well, the LCDwill show "Read SIM error " .
- If your SIM card has been set PIN, The LCD will show "SIM PIN locked". You should draw out the SIM card and inert it to your mobile phone to delete your SIM card PIN. Then insert the card to the display unit to try again.



VOL...  
Insert SIM card



VOL...  
- - - - - Error - - - - -



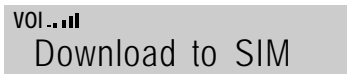
VOL...  
- SIM PIN locked -



## Download to SIM

You can copy the number from the unit to the SIM card.

1. Insert a SIM card into the SIM card jack.
2. Press "Download to SIM " button on the rear of the display unit. The LCD will show "Download to SIM " and then enter into the copy mode.
3. When finish, the LCD will show "Copy completed".



## Adjusting speaker volume(continued)

2. Press Volume Down button to decrease speaker volume. See figure 2. **OR** Use the volume down switch of your mobile phone to decrease speaker volume (depending on your mobile phone).

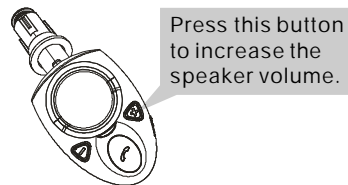


Figure 1

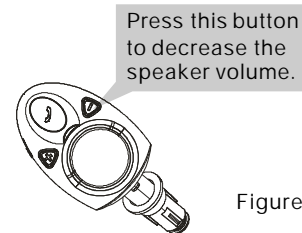



Figure 2

### Note:

- When you use **Volume Up** or **Volume Down** button of the unit to adjustment the speaker volume, your mobile phone's talk volumemaybeadjusted accordingly(dependent on your mobile phone).

## Adjusting ringer volume

When a call is received, the unit rings. At the moment you can press **Volume Up** or **Volume Down** button or use your mobile phone(depends on your mobile phone) to adjust the ringer volume. There are 5 levels for adjusting. During adjusting, the icon  varies according to the volume levels. The more bars, the higher the volume.

1.Press Volume Up button to increase ringer volume.

OR

Use the volume up switch of your mobile phone to increase ringer volume (depending on your mobile phone).

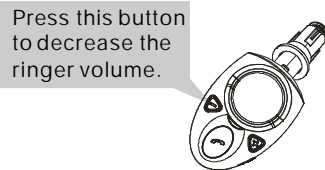
2.Press Volume Down button to decrease ringer volume.

OR

Use the volume up switch of your mobile phone to increase ringer volume (depending on your mobile phone).



Press this button to increase the ringer volume.



Press this button to decrease the ringer volume.

## Note:

- When you use **Volume Up** or **Volume Down** button of the unit to adjustment the ringer volume, your mobile phone's ringer volume may be adjusted accordingly(depending on your mobile phone).

## Back up SIM

You can copy the SIM card number to the unit.

1. Insert a SIM card into the SIM card jack.
2. Press "Back up SIM" button on the rear of the display unit. The LCD will show "Back up SIM" and then enter into the copy mode.
3. When finish, the LCD will show "Copy completed".

