

# Bluetooth User manual 3.0

## Handsfree Rearview Mirror System

*Run freely...*



Bluetooth 2.0+EDR  
Noise suppression and echo cancelation technology  
Caller ID display  
Voice dial and last number redial  
Built-in microphone and dual stereo louder speaker  
Built-in FM frequency transmitter  
Universal audio input

## Bluetooth Handsfree System

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## Bluetooth Handsfree System

### Welcome

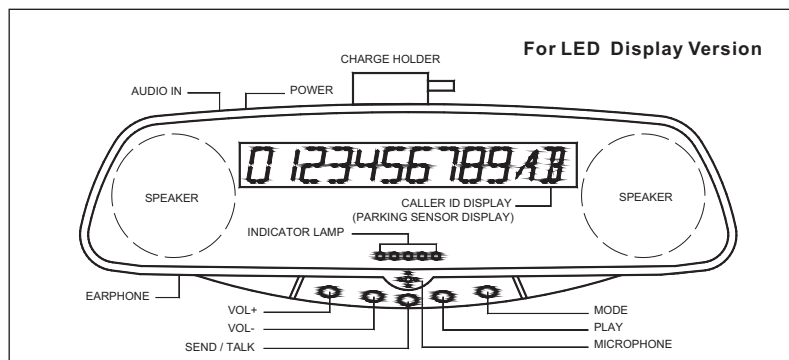
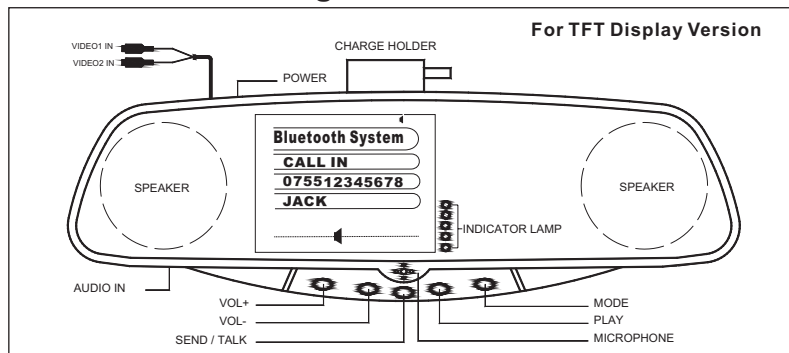
Thank you for the purchase of this Bluetooth Handsfree Car Kit. For the sake of making full use of the functions of Bluetooth Car Kit, please read the user manual carefully in advance.

### Drive safely

It is dangerous to use cellphone when driving a car. It will increase the possibility of accident. Please reduce conversation time by mobile as possible as you can while driving. It is good for you not to do any record or read. You' better observe the surroundings before using the mobile first. When it's necessary (if the weather is bad; there is traffic jams; there are children in the car or something wrong with the car), you should leave the road and stop the car before dialing or receiving a call.

## Bluetooth Handsfree System

ILLUSTRATION: Figure 1



## Bluetooth Handsfree System

### 1. INTRODUCTION

The Bluetooth handsfree car kit mirror compose of the parts shown as **Figure 1**

1.1 Audio mode select button (**MODE**)(For TFT display version)--Short press the button, you can shift the audio output mode, Speaker or FM transmitter and select picture menu. In FM transmitter mode, press and hold the button for more than 1.5 second, you can change the frequency, keep on holding will change frequency points continuously, and total 7 points available.

Audio mode select button (**MODE**)(For LED display version)--Short press the button, you can shift the audio output mode: Speaker, FM transmitter or headset. In FM transmitter mode, press and hold the button for more than 1.5 second, you can change the frequency, keep on holding will change frequency points continuously, and total 7 points available.

1.2 Function button (**PLAY**)(For TFT display version)--Mute during active call, play/pause/stop function when a Bluetooth AV is streaming. Press and hold the button for 3 seconds to switch to video mode.

Function button (**PLAY**)(For LED display version)--Mute during active call, play/pause/stop function when a Bluetooth AV is streaming.

1.3 Multi-function button(**TALK**)-- Power on, power off, answering a call, hanging up a call, voice dialing, last number redialing, rejecting a call.

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1.4 Volume control (**VOL+/VOL-**)--Control volume, select-ring tone; track skip forward/backward when a Bluetooth AV set connecting and playing.

1.5 Power connector (**PWR**) --DC+12V supply in.

1.6 Audio input connector (**AUDIO**)--Connect to audio source, such as MP3, MP4, or CD player. While handsfree system is vacant (No call or Bluetooth AV activities),press "**PLAY**" key twice to open audio input,"MEDIA PLAY" will be displayed on mirror and the mirror can work as an stereo sound box or FM audio adapter(in FM mode).

1.7 3.5 inch TFT display(For TFT display version)--Call ID display, Camera display,Video in display

1.8 Caller ID display panel(For LED display version)--Super bright LED display.

1.9 Earphone connector (**EAR**)(For LED display version)--The audio will be transfered to earphone if earphone mode is selected (refer "1.1 mode select button").

1.10 Speaker--Built-in dual channel stereo loud-speaker.

1.11 Microphone--Built-in microphone.

1.12 Indicator lamp--State indicator lamp.

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### 2. INSTALLATION

Easy installation, step as following:

2.1 Hook bottom-stator of the mirror on original rearview mirror bottom edge. Ensure perpendicular bisector of the mirror is congruent with perpendicular bisector of original rearview mirror. Pull up-stator of the mirror until it is fix on original rearview mirror (up and bottom stator will adjust by spring). Then release hand.

2.2 Check if the mirror has been firmly clipped to the original review mirror, the congruence of the mirror compare to original rearview mirror, and adjust accordingly.

2.3 If there is any loose, repeat above steps.

2.4 Plug the power adapter into the cigarette socket

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### 3. POWER ON / OFF

Press multi-function button(**TALK**) and hold for 1.5 seconds, until "POWER ON" display on mirror and come with a "DO " tone, then release it. The device is turned on. Once power on the device will auto connect the latest used cellphone, if never paired with any cellphone yet, the device will enter pairing state.

Press multi-function (**TALK**) key and hold for more than 5 seconds. Until "POWER OFF" is displayed on mirror and come with a "DI " tone. The device is turned off.

### 4. PAIRING

"Pair" means the handsfree system and mobile phone authenticate each other and store the authentication information. Only paired devices can establish link and audio connection.

## Bluetooth Handsfree System

STEP	STATE/RESULT
1. In power off state, press and hold TALK button for more than 5 seconds until Blue LED and red LED flash alternately to enter pairing state.	Blue LED and red LED will flash alternately, "PAIR ON" will be displayed on mirror.
2. Enable cellphone searching for Bluetooth devices function. Please refer to mobile user manual.	After searching finished, the mobile will display all found Bluetooth devices.
3. According to the mobile prompt Information, select " WINS " in device list.	
4. Enter Pin code "0000" to confirm the pairing.	Pairing information will be stored. "PAIR SUCCESS" will be displayed on mirror once paired successfully.
a) Some mobile can connect to the device automatically after pairing successfully (such as nokia).	"MB CONNECTED" will be displayed on mirror and blue LED is on.
b) If the mobile was not connected after paired, just short press the TALK button, the Bluetooth mirror will try to connect mobile phone.	As above.

## Bluetooth Handsfree System

### 5. VOICE DIAL

STEP	STATE / RESULT
1. Ensure mobile has connected to device.	Blue LED is flash.
2. Short press function button (TALK) .	“VOICE DIAL” will be displayed on mirror.
	The device will send voice dial prompt.
3 Bring out a pre-recorded voice tag.	The mobile will dial number, “CALL OUT” will be displayed on mirror.

**Note:** This function used only the user mobile phone supports the voice dial function. Please refer to mobile user manual for details.

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### 6. REDIALLING THE LAST DIALED NUMBER

STEP	STATE / RESULT
1. Ensure mobile has connected to device.	Blue LED is flash.
2. Press and hold function button (TALK) for 1.5 seconds.	"REDIAL" will be displayed on mirror.
	Dial the last number."CALL OUT" will be displayed on mirror.
3 Press function button (TALK) once again will hangup the outgoing call just now.	"HANG UP" will be displayed on mirror.

**Note:** This function depends on the feature of mobile. Please refer to mobile user manual. When you find the outgoing call number is not the desired, use Step 3 to cancel it.

## Bluetooth Handsfree System

### 7. CALL ANSWER AND CALL HANG UP

STEP	STATE / RESULT
1. Ensure mobile has connected to device.	Blue LED is flash.
2. Incoming call.	Caller ID will display on mirror and the device ring.
	Or only ring, but doesn't display caller ID.
3. Short press function button ( <b>TALK</b> ) once.	"ANSWER" "CALL ACTIVE" will be displayed on mirror.
4. Short press function button ( <b>TALK</b> ) once again to hang up a call during call active	"HANG UP" will be displayed on mirror.

**Note:** Some mobile is in disconnected state after pair. it will automatically connect to the device when has an incoming call. Some mobile phone may not support the caller ID indication function and the caller ID will not be displayed.

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### 8. CALL REJECT

STEP	STATE / RESULT
1. Ensure mobile has connected to device.	Blue LED is flash.
2. Incoming call.	Caller ID will display on mirror and the device ring.
	Or only ring, but doesn't display caller ID.
3 Press and hold function button (TALK) for 1.5 seconds reject the incoming call.	"REJECT" will be displayed on mirror.

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### 9. AUDIO TRANSFER

During call active or call out going state, Press and hold function ( **TALK** ) button and hold for 1.5 seconds to switch the call between Bluetooth handsfree and mobile, "MIRROR PHONE" "MOBILE PHONE" will be displayed on mirror.

### 10. VOLUME CONTROL

Press "**VOL+**" to increase volume, press "**VOL-**" to decrease volume.

### 11. ANSWER MODE SET

In idle state hold both "**VOL+**" and "**VOL-**" for 1.5 seconds to set the answer mode as auto answer or manual answer.

### 12. MUTE CONTROL

During active call,press "**PLAY**" button and hold for 1.5 seconds to mute microphone,"MUTE ON" will be displayed on mirror, long press "**PLAY**" button 1.5S again to release mute," MUTE OFF "will be displayed on mirror.

### 13. SELECT RING TONE

Press the "**VOL+**" or "**VOL-**" key and hold for 3 seconds to select the ring tone, total 16 sorts of ring tones are available.

## Bluetooth Handsfree System

### 14. BLUETOOTH AV DEVICE OPERATION

STEP	STATE / RESULT
1. If AV not connected, shortly press " <b>PLAY</b> " key to connect last Bluetooth AV device.	"BT STEREO" will be displayed on mirror
2. Shortly press " <b>PLAY</b> " key to play or pause playback.	"AV PLAY" or "AV PAUSE" will be displayed on mirror
3 Press and hold " <b>PLAY</b> " key for 1.5S to stop playback.	"AV STOP" will be displayed on mirror
4. Long press " <b>VOL+</b> " or " <b>VOL-</b> " button for 1.5 seconds, and release once heard an prompt tone to skip forward or skip backward.	"AV FORWARD" or "AV BACKWARD" will be displayed on mirror

## Bluetooth Handsfree System

### 15. SWITCH AUDIO OUTPUT MODE (for LED display version )

STEP	STATE / RESULT
1. The default mode of audio output is speaker mode.	"SPEAKER" will be displayed on mirror and green LED will be on.
2. Shortly press " <b>MODE</b> " key to switch to FM transmitter mode.	"FM" will be displayed on mirror and right red LED will be on.
3 At FM transmitter mode,press and hold " <b>MODE</b> " key to select to the desired transmitting frequency, then tune your car radio to receive the frequency accordingly.	Selected transmitting frequency will be displayed on mirror :87.7, 87.9, 88.1, 88.3, 88.5, 88.7, 88.9.
4. Shortly press " <b>MODE</b> " key to switch to earphone mode.	"HEADSET" will be displayed on mirror and Left red LED will be on.

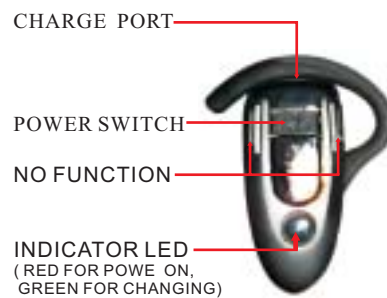
## Bluetooth Handsfree System

### 16. SWITCH AUDIO OUTPUT MODE AND PICTURE ADJUSTMENT (for TFT display version )

STEP	STATE / RESULT
1. The default mode of audio output is speaker mode.	"SPEAKER" will be displayed on mirror and green LED will be on.
2. Shortly press " <b>MODE</b> " key to switch to FM transmitter mode.	"FM" will be displayed on mirror and right red LED will be on.
3 At FM transmitter mode,press and hold " <b>MODE</b> " key to select to the desired transmitting frequency, then tune your car radio to receive the frequency accordingly.	Selected transmitting frequency will be displayed on mirror :87.7, 87.9, 88.1, 88.3, 88.5, 88.7, 88.9.
4. Shortly press " <b>MODE</b> " key to switch to picture adjustment mode.	Picture menu will be displayed on mirror,press and hold" <b>MODE</b> " key to select item "BRIGHTNESS" or "CONTRAST" or "COLOR",use "VOL+" and "VOL-" to change the value

## Bluetooth Handsfree System

### 17. FM HEADSET USE (Optional)



To keep your conversation private, just unplug the Fm headset from the charge holder on top of mirror, the audio output mode will auto switch FM 88.3(the FM headset receiving frequency) then press the headset button to turn on the headset(red led on) to start talk. The operation range is about 1m. Once headset put back to the charging socket, the audio output mode will be auto restored to the mode before headset unplug.

Attention:Keep volume below 11 to avoid noise when using FM headset.

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### **18.To Set Audio On and Off**

When the handsfree system is vacant(no call in or call out), you can open the audio input by shortly pressing “PLAY” key twice, “MEDIA PLAY” will be displayed on mirror, shortly press “PLAY” key twice again to shut the audio input , “MEDIA OFF” will be displayed on mirror.

### **19.To Resume Factory Default Mode**

Press and hold “VOL+”and “VOL-” key together for 10 seconds to resume factory default mode , “DEL ALL BT” will be displayed on mirror,all bluetooth device will be cancelled.

### **20. REARVIEW SYSTEM (for TFT display version )**

While car backward,the rearview system auto start working,the image of back around from camera will be displayed on mirror.

The camera is usually installed on central of back bumper .

### **21. SWITCH TO VIDEO INPUT MODE (for TFT display version )**

Press and hold “PLAY” key for 3 seconds to switch to video input mode,you can connect the video in socket to a video source.Press and hold “PLAY” key for 3 seconds again to exit video input mode.

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### 22. PHONE BOOK

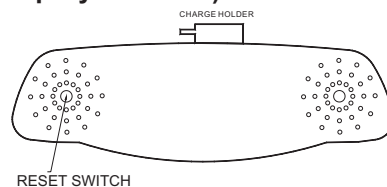
- 1.First store phone number into your mobile with english name.
- 2.Press “MODE” button twice to enter address list transfer, “B CARD READY” will be displayed on mirror .To choose address list transfer by bluetooth from mobile phone.
- 3.The english name will be displayed on mirror if transfer success.
- 4.Max.200 address can be stored .If over 200 address,the new address will cover the earlier.
- 5.To delete address list:Press and hold “PLAY” button for 6 seconds,“DELETE PB” will be displayed on mirror,press “PLAY” button twice within period of 15 seconds to delete phone book.

### 23. SELECT LAST 10 CALLS DIAL-BACK FROM BLUETOOTH MIRROR(Optional)

Press “TALK” button twice to resume the last answered call,then press “VOL+” or “VOL-” button to scroll the last 10 calls,press “TALK” button to dial the number you want.

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### 24. Optional Function :Built-in Battery (for LED display version )



When “BATT LOW” display on mirror , you need to charge the device. Plug the charge connector of charge cable into the cigarette socket of car, and put the DC plug of the charge cable to mirror DC jack . The red LED will flash when charging .Charging time is about 4 hours. When charge completed, “BATT FULL” will be displayed on mirror. When battery is full charged, standby time is about one week.

Sometime if the handsfree system is locked, you can reset the system by pressing and holding the reset switch from the back of mirror for more than 2 seconds.

### 25. CONNECT PARKING SENSOR (Optional)

Please refer manual of parking sensor.

The distance information between remora and car back will be displayed on mirror.

If the system has parking sensor function, it can't support built-in battery also.

## Bluetooth Handsfree System

### 26. Frequently asked questions

26.1 Can Bluetooth mirror connect to any bluetooth devices?

**Re:** Bluetooth mirror can connect with any bluetooth devices which support headset profile or handsfree profile. But different bluetooth devices may have different operation. For the mobile supporting headset profile, it disconnects normally, but it can connect to handsfree automatically and cannot display caller ID.

26.2 What is useful distance between Bluetooth mirror and phone?

**Re:** Usually distance between device and phone is 10M.

26.3 Does any interference when use Bluetooth mirror?

**Re:** Wireless and wireless network devices may have interference during communication. Use bluetooth devices and keep away from RF generator will reduce interference.

### SPECIFICATION

1. Standard: Bluetooth 2.0+EDR
2. TFT Resolution: 320X240
3. Power Supply : DC9~15V
4. Power Consumption: 4W

**Bluetooth Handsfree System**

**SERVICE CARD**

MODEL NO: \_\_\_\_\_

SELLER NAME: \_\_\_\_\_

SELLER TEL: \_\_\_\_\_

SELLER ADD: \_\_\_\_\_

SELLER SIGN: \_\_\_\_\_

SELL DATE: \_\_\_\_\_

NOTE: \_\_\_\_\_

BUYER NAME: \_\_\_\_\_

BUYER TEL: \_\_\_\_\_

BUYER ADD: \_\_\_\_\_

