

CS8111 / Abe

**Bluetooth® Dialing Car Kit
CS8111 (BT 78XP)**

User Manual



**Environmental
friendly**

Thank you for buying BT78XP Dialing Car Kit which features full duplex, portability, 2-way voice recording, large LCD display, Caller ID, Call waiting, and many more advanced functions. Enjoy happy and safe driving.

Table of Contents

1	Profile and its Function.....	5
1.1	Feature List.....	5
1.2	Profile	6
1.3	Key Functions.....	8
2	Installation of Car Kit.....	10
2.1	How to install your Car Kit.....	10
2.2	How to position your Car Kit.....	10
2.3	How to position the external mic arm.....	12
2.4	Turn on power switch.....	13
2.4.1	Slide the power switch from off to on position.....	13
2.4.2	LCD and back light will turn on.....	13
3	How to establish Bluetooth Link with Car Kit.....	14
3.1	Pairing with mobile phone.....	14
3.2	Pairing with Bluetooth dongle.....	15
3.3	Connect with mobile phone.....	16
3.4	Disconnect with mobile Phone.....	17
4	How to make a call.....	18
4.1	Make an external call through Car Kit.....	18
4.2	Answering an external call.....	19
4.3	Muting microphone.....	20
4.4	Call waiting function.....	21
4.5	Dialing from Dial list.....	22
4.6	Dialing from Call list.....	22
4.7	Dialing from the phone book.....	23

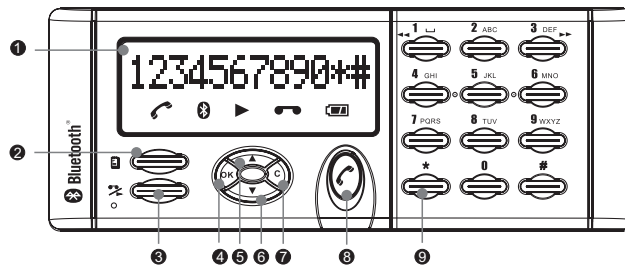
5	Main Features.....	24
5.1	Dial list.....	24
5.1.1	Opening the Dial list by pressing [▲] button.....	24
5.1.2	Opening the Dial list through main menu.....	25
5.1.3	Delete a Dial list entry.....	26
5.1.4	Delete all Dial list entries.....	27
5.2	Call list operation.....	28
5.2.1	Opening the Call list by pressing [▼] button.....	28
5.2.2	Opening the Call list through main menu.....	29
5.2.3	Delete a Call list entry.....	30
5.2.4	Delete all Call list entries.....	31
5.2.5	Copy the Call list entries to the phone book.....	32
5.3	Phone book operation.....	33
5.3.1	How to enter a phone book entry.....	33
5.3.2	Opening the phone book by [OK] button.....	34
5.3.3	Delete a phone book entry.....	35
5.4	Voice Recording/Playback function.....	36
5.4.1	Voice recording mode selection.....	36
5.4.2	Voice recording.....	37
5.4.3	Playback voice message.....	38
5.5	Auto connection to the Bluetooth mobile phone.....	39
5.6	Auto power off.....	39
5.7	System reset.....	40
6	Package Contents.....	41
	FCC Interference statement	42

1 Profile and its Function

1.1 Feature List

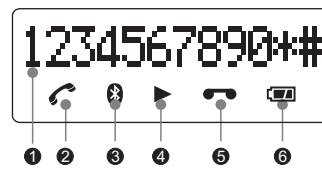
- Caller ID Display
- Two-way recording and playback, 60 minutes (30 records max.)
- Dial list - up to 10 logs
- Call list - up to 10 logs
- Phone book - up to 255 entries
- LED backlight to enhance viewing comfort
- 7-level Volume control
- Call duration timer
- Microphone muting
- Handsfree speaker phone operation
- Echo cancellation
- Noise reduction
- Dialing key pad to make the call directly
- Powered by car charger / Built - in Ni - MH battery
- Flexible windshield stand with vacuum suction
- Built - in microphone
- Portable conferencing unit
- Call waiting
- Auto connection to the Bluetooth mobile phone
- Auto power off

1.2 Profile



- | | |
|---|----------------------|
| ❶ LCD Display | ❺ Volume up button |
| ❷ "Menu" button | ❻ Volume down button |
| ❸ "Voice recording"
and "Play back" button | ❼ "C" button |
| ❹ "OK" button | ❽ "Call" button |
| | ❾ Dialing keypad |

LCD Display



- ❶ Line 12 dot-matrix characters display for alpha-numerical character
- ❷ Phone icon
- ❸ BT link connected icon
- ❹ Voice recording play back icon
- ❺ Voice recording icon
- ❻ Battery level indication

1.3 Key Functions

Buttons	Functions
[↶]	Make a connection to mobile phone when the Car Kit is not connected with mobile phone
	Answer a call when there is an incoming call
	Terminate a call during conversation
	Start a outgoing call from the Car Kit
[1] .. [9], [*], [0], and [#]	12 digits dialing keypad for numerical and alphabetical entry
[⏮]	Start Voice recording during a conversation
	Playback recording log when the Car Kit is idle
	Pause play back during voice recording playing
	Restart play back during Pause
[▲]	Menu scrolling up direction
	Volume up during a conversation
	Dial list access when the Car Kit is idle
	Volume up when voice recording item is playing back

[▼]	Menu scrolling down direction
	Volume down during a conversation
	Call list access when the Car Kit is idle
	Volume down during voice recording item play back
[⏪]	Menu access when the Car Kit is idle
	Exit menu during menu is scrolling
	Voice recording item operation when Voice recording item is playing back
[OK]	Enter menu item when menu is scrolling
	Confirm operations (i.e. delete item, copy items...)
	Switch between on hold call and active call
[C]	Exit menu when menu is scrolling
	Exit operations (i.e. Voice recording item play back...)
	Delete digits / characters
	Reject an incoming call

2 Installation of Car Kit

2.1 How to install your Car Kit

Before you use for the first time, please plug the provided car charger into the cigarette lighter to charge the batteries for 6 hours.

After the first time, you can fully charge your low batteries in 4 hours (Fig. 1)

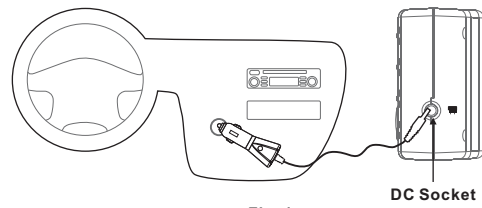


Fig. 1

2.2 How to position your Car Kit

- Put the metal stand on top of Dashboard (Fig. 2)

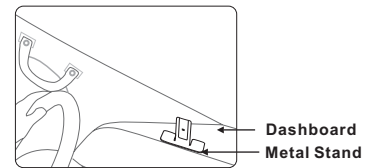


Fig. 2

- Fit the Car Kit onto the metal stand to achieve the most favourable sound quality (Fig. 3 & Fig. 4)

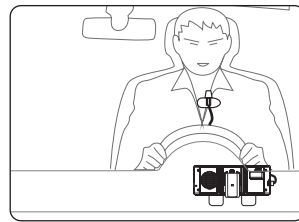
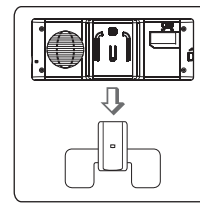


Fig. 3



Backside of the Car Kit

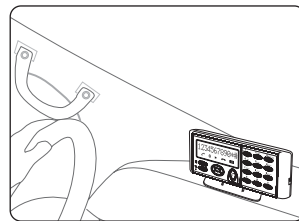


Fig. 4

2.3 How to position the external microphone (Fig. 5, Fig. 6 & Fig. 7)
- Insert the external microphone into the microphone socket (🔌) (Fig. 5)

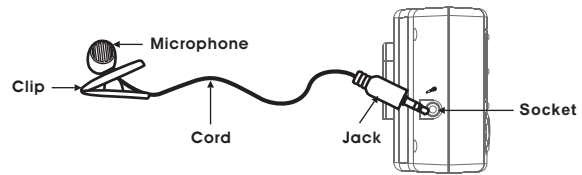


Fig. 5

- Suck it to the windshield (Fig. 6)

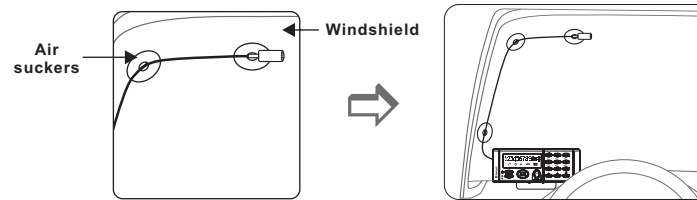


Fig. 6

- Clip it to clothes (Fig. 7)

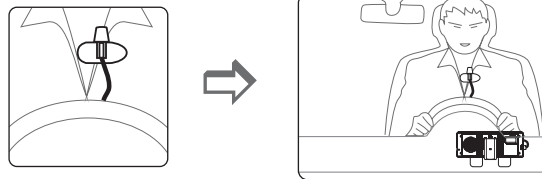


Fig. 7

2.4 Turn on power switch (Fig.8)

2.4.1 Slide the power switch from "off" to "on" position.

2.4.2 LCD and back light will turn on.

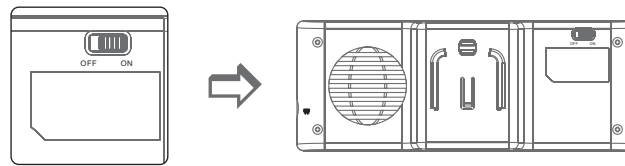


Fig. 8

Remark: please plug the provided car charger or AC/DC adaptor (optional) to DC Socket of Car Kit to charge rechargeable battery for 6 hours in the first use.

3 How to establish Bluetooth Link with Car Kit

3.1 Pairing with mobile phone (Fig.9)

Before making connection with a Bluetooth mobile phone, a pairing process should be done as follow:


	Display
When the Car Kit is idle and is not connected with mobile phone	W E L C O M E
Press [] button to access menu system	P H O N E B O O K
Press [▲]/[▼] button and [OK] button to select <PAIRING>	P A I R I N G
Enter 4 digit PIN with any number buttons (eg.1234). Same PIN must be entered to mobile phone while in pairing process.	S Y S P I N ? * * * *
Press [OK] button to confirm after a confirm tone is issued and display shows "PAIRING" . Then follows mobile's operation menu to complete the pairing process.	P A I R I N G
If the pairing is successful, the LCD will display "PAIR OK"	P A I R O K




3.2 Pairing with Bluetooth dongle





Before make connection with Bluetooth dongle, a pairing process should be done.

Pairing with a Bluetooth Dongle

	Display
When the Car Kit is idle and is disconnect with mobile phone	W E L C O M E
Press [] button to access menu system	P H O N E B O O K
Press [▲]/[▼] button to select <PAIR BT UNIT> item and press [OK] button to confirm	P A I R B T U N I T
Enter 4 digit PIN with [N] number buttons [N]= [1] .. [9], [*], [0], and [#]	S Y S P I N ? * * * *
Press [OK] button to confirm and follow bluetooth dongle's operation menu to complete the pairing process.	

3.3 Connect with mobile phone

The Car Kit can connect with a paired mobile phone by pressing [] button to search or following the below steps:

	Display
When the Car Kit is idle and is disconnect with mobile phone	W E L C O M E
Press [] button to access menu system	P H O N E B O O K
Press []/[] button to select <CONNECT> item and press [OK] button to confirm	C O N N E C T
The Car Kit will search for mobile phone. After the successful connection, the Car Kit will show connected and go back to idle state.	C O N N E C T E D 

3.4 Disconnect with mobile Phone

The Car Kit can disconnect with mobile phone by following the operation of mobile phone or following the below steps:

	Display
When the Car Kit is idle and is connected with mobile phone	CONNECTED 0
Press [] button to access menu system	PHONE BOOK
Press [▲]/[▼] button and [OK] button to select <DISCONNECT>	DISCONNECT
The Car Kit will disconnect with the mobile phone. When it's disconnected, it will go back to idle state.	WELCOME

4 How to make a call

4.1 Make an external call through Car Kit

	Display
When the Car Kit is idle and connected with the mobile phone	CONNECTED ①
Using the key pad to dial the phone number	8 5 2 2 1 9 1 8 8 9 9 ①
Press [↶] button to make an outgoing call	8 5 2 2 1 9 1 8 8 9 9 ↶ ①
LCD display shows call timer	0 0 : 0 0 : 0 1 ↶ ①
Press [▲]/[▼] button to adjust volume level	VOLUME 1 ↶ ①
Press [↶] button to end the call	0 0 : 1 0 : 0 1 ↶ ①
The Car Kit will go back to idle state	CONNECTED ①

4.2 Answering an external call

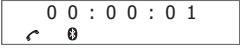
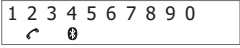
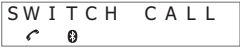


Answering an external incoming call

	Display
When there is an incoming call, the LCD display will show the caller ID or "RINGING"	1 2 3 4 5 6 0
	OR R I N G I N G 0
Press [📞] phone button to accept the call	T A L K I N G 📞
Press [▲]/[▼] button to adjust volume level	V O L U M E 1 📞 0
Press [📞] phone button again to end the call	0 0 : 0 5 : 0 1 📞 0
The Car Kit will go back to idle state	C O N N E C T E D 0

4.3 Muting microphone

	Display
Press [C] button to mute the microphone while in conversation	SECRECY ON ⓪
Press[C]button again to unmute the microphone	00:00:01 ↶ ⓪

4.4 Call waiting function

	Display
When the Car Kit is in use and there is another call coming, the LCD display will show the caller ID	 ↓ 
Press [OK] button to accept the incoming call and hold the current call	
Press [OK] button to switch between held call and active call	
After all calls are ended, the Car Kit will go back to idle mode	

4.5 Dialing from Dial list

	Display
Press [▲] button, then press [▲]/[▼] button to select the desired number from dial list	2 3 8 9 0 0
Press the [↶] button to dial	0 0 : 0 0 : 0 1 ↶ 0

4.6 Dialing from Call list

	Display
Press [▼] button, then press [▲]/[▼] button to select the desired number from call list	2 3 8 9 0 0
Press the [↶] button to dial	0 0 : 0 0 : 0 1 ↶ 0

4.7 Dialing from the phone book

	Display
Press [▲]/[▼] button to select the desired name from phone book	J o h n ⓪
Press the [↵] button to dial	0 0 : 0 0 : 0 1 ↵ ⓪





5 Main Features

5.1 Dial list

5.1.1 Opening the Dial list by pressing [▲] button

	Display
When the Car Kit is idle	CONNECTED 0
Press [▲] button to open the Dial list	1 2 3 4 5 0
Press [▲]/[▼] button to scroll through the list	1 2 3 4 5 6 0
Press [C] button to exit Dial list	D I A L L I S T 0
Press [C] button to exit	CONNECTED 0

5.1.2 Opening the Dial list through main menu





	Display
Press [] button to open the menu	
Press [▲]/[▼] button to select item <DIAL LIST> and confirm by pressing [OK] button	
Press [▲]/[▼] button to scroll through the list	

5.1.3 Delete a Dial list entry

Deleting a single entry

	Display
Press [▲] button to open the Dial list	1 8 6 0 ⓪
Press [▲]/[▼] button to select the desired number from the Dial list	8 3 5 5 2 7 6 1 ⓪
Press [OK] button	D E L E T E E N T R Y ⓪
Press [OK] button again to confirm the deletion	D E L E T E E N T R Y ⓪
The entry is deleted with confirmed message "DELETED"	D E L E T E D ⓪

5.1.4 Delete all Dial list entry

	Display
Press [▲] button to open the Dial list	
Press [OK] button	
Press [▲]/[▼] button to select the menu item <DELETED ALL> and confirm by pressing [OK] button	
The entry is deleted with confirmed message "DELETED"	

5.2 Call list operation

5.2.1 Opening the Call list by pressing [▼] button






	Display
When the Car Kit is idle and is connected with a mobile phone	CONNECTED ⓪
Press [▼] button to open the Call list	1 2 3 4 5 ⓪
Press [▲]/[▼] button to scroll through the list	2 3 4 5 6 7 ⓪
Press [C] button to exit the Call list	D I A L L I S T ⓪
Press [C] button to exit	CONNECTED ⓪

5.2.2 Opening the Call list through main menu

	Display
Press [☎] button to open the menu	CONNECTED 0
Press [▲]/[▼] button to select item <CALL LIST> and confirm by pressing [OK] button	C A L L L I S T 0
Press [▲]/[▼] button to scroll through the list	1 2 3 4 5 6 0

5.2.3 Delete a Call list entry

Deleting a single entry

	Display
Press [▼] button to open the Call list	
Press [▲]/[*] button to select the desired number from the Call list	
Press [OK] button	
Press [▲]/[*] button to select the menu item <DELETE ENTRY> and confirm by pressing [OK] button	
The entry is deleted with confirmed message "DELETED"	

5.2.4 Delete all Call list entries


	Display
Press [▼] button to open the Call list	1 2 3 4 5 0
Press [OK] button	D E L E T E E N T R Y 0
Press [▲]/[▼] button to select the menu item <DELETE ALL> and confirm by pressing [OK] button	D E L E T E A L L 0
The entry is deleted with confirmed message "DELETED"	D E L E T E D 0

5.2.5 Copy the Call list entries to the phone book

	Display
Press [▼] button to open the Call list	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> 1 2 3 4 5 0 </div>
Press [▲]/[▼] button to select the desired number from the Call list	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> 6 7 8 9 0 0 </div>
Press [OK] button	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> D E L E T E E N T R Y 0 </div>
Press [▲]/[▼] button to select the menu item <COPY TO DIR> and confirm by pressing [OK] button	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> C O P Y T O D I R 0 </div>
Enter the name and confirm by pressing [OK] button	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> A B C 0 </div>
Modify the phone number and confirm by pressing [OK] button	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> 1 2 3 4 5 0 </div>
The entry is saved with confirmed message "ENTRY SAVED"	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> E N T R Y S A V E D 0 </div>

5.3 Phone book operation

5.3.1 How to enter a phone book

	Display
Press [] button	
Select "PHONE BOOK" and press [OK] button	<input type="text" value="PHONE BOOK"/>
Press [OK] button and select "NEW ENTRY"	<input type="text" value="NEW ENTRY"/>
Press [OK] button and enter the name	<input type="text" value="David"/>
Press [OK] button and enter the number	<input type="text" value="85221918899"/>
Press [OK] button to confirm the entry	<input type="text" value="David"/>

5.3.2 Opening the phone book by [OK] button

	Display
When the unit is idle and is connected with mobile phone	CONNECTED ⓪
Open the phone book and press [OK] button	David ⓪
Press [▲]/[▼] button to scroll through the list	John ⓪
Press [⓪] button to switch between the name and the telephone number	1 2 3 4 5 6 ⓪
Press [OK] button to Add/Edit/Delete entry	NEW ENTRY ⓪
Press [C] button to exit phone book	PHONE BOOK ⓪

5.3.3 Delete a phone book entry

Deleting a single entry

	Display
Open the phone book and press [OK] button	D a v i d ⓪
Press [▲]/[▼] button to select the desired name from the phone book	J o h n ⓪
Press [OK] button	N E W E N T R Y ⓪
Press [▲]/[▼] button to select menu item <DELETE ENTRY> and confirm by pressing [OK] button	D E L E T E E N T R Y ⓪
The entry is deleted with confirmed message "DELETED"	D E L E T E D ⓪

Warning: "DELETE ALL" will delete all phone book entries.

5.4 Voice Recording/Playback function


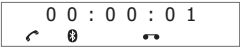
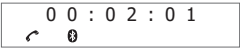
5.4.1 Voice recording mode selection

Car kit provides two voice recording modes. Standard mode allows you to make voice recording up to 60 min with good voice quality. High Quality mode provides you a better voice recording quality up to 30 minutes.

	Display
Press [] button to open the menu	CONNECTED 0
Press [▲]/[▼] button to select item <RECORD MODE> and pressing [OK] button	RECORD MODE 0
Display shows current recording mode	STANDARD 0
Press [▲]/[▼] button to select the desired recording mode and confirm by pressing [OK] button	HI QUALITY 0
Display will show the recording mode selected	HQ SELECTED 0

Remark: If user changes high quality mode to standard recording mode, LCD will show "STD SELECTED".

5.4.2 Voice Recording

	Display
When the Car Kit is in use	
Press [☎] button to start recording	
Press [☎] button again to stop voice recording	
When the call ends, the record message will be saved	

5.4.3 Playback voice message

	Display
When the Car Kit is idle and is connected with mobile phone	<div style="border: 1px solid black; padding: 2px;"> C O N N E C T E D ⓪ </div>
Press [▶] button to start playback	<div style="border: 1px solid black; padding: 2px;"> M E S S A G E : 1 ⓪ ▶ </div>
Press "3" button for next message or "1" button for previous message	<div style="border: 1px solid black; padding: 2px;"> M E S S A G E : 2 ⓪ ▶ </div>
Press [🗑️] button and [OK] button to delete the message	<div style="border: 1px solid black; padding: 2px;"> M E S S A G E : 2 ⓪ ▶ </div>
Press [C] button to stop the playback	<div style="border: 1px solid black; padding: 2px;"> C O N N E C T E D ⓪ </div>

5.5 Auto connection to the Bluetooth mobile phone

The Car Kit has already been paired with a Bluetooth mobile phone. If it is turned off and turned back on again, it will search for available Bluetooth link. If the previously paired mobile phone's Bluetooth feature is on, the Car Kit and the mobile phone will re-establish the Bluetooth link automatically.

5.6 Auto power off






In order to save power, the Car Kit will turn off automatically when it is disconnected from the Bluetooth link and idle for an hour.

5.7 System reset

The Car Kit provides a system reset feature, which will clear all contacts in the phone book, call list, dial list and voice recording, and reset all volume levels to the default level.

	Display
When the Car Kit is idle and connected with mobile phone	CONNECTED 0
Press [PHONE] button to access menu system	PHONE BOOK
Press [4]/[*] button and [OK] button to select <SYSTEM RESET>	SYSTEM RESET 0
The Car Kit will ask you to confirm reset the system	RESET ? 0
Press [OK] button to confirm and the Car Kit will reset the system	RESET OK 0

6 Package Contents

	Accessories	Status
	1 x Car charger	Provided
	1 x External microphone	Provided
	1 x Metal Stand	Provided
	3 x Air suckers	Provided
	1 x AC/DC Adaptor	Optional

Note:
BQB, CE and FCC approved

The *Bluetooth* word mark and logos are owned by the *Bluetooth* SIG, Inc. and any use of such marks by In-Tech Electronics Ltd. is under license. Other trademarks and trade names are those of their respective owners.

Bluetooth functions and operations may not be available or may vary depending on different mobile phones.

Federal Communication Commission Interference Statement

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.

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.

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

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

(封底)