Bluetooth Handsfree Car Kit with LCD Display

User's Manual

Model: BT-390

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Notes on Safety

1. **Unit installation** – Installing the BT-390 Music Handsfree Car Kit requires specialized knowledge and skills. Incorrect installation may cause damage to your BT-390 unit and/ or your vehicle!! Therefore, it is strongly advised that the system be installed by a qualified professional.
2. **Installation location** – Unsuitable installation locations may lead to incorrect functioning of the essential vehicle safety equipments such as air bags or it may become a source of injury in an accident. Please always consult a professional installer and carefully choose the correct installation location in the car.
3. **Interference with on-board electronics** – Incorrect installation or unsuitable installation locations may cause interference with the vehicle electronics systems. Please consult the vehicle manufacturer's notes if needed.
4. **Road safety** – We strongly advise that you always pay full attention to traffic conditions whenever the vehicle is moving. Distraction can lead to a dangerous traffic situation. Even when using a handsfree car kit the driver is always advised to avoid phone calls during difficult and complex traffic situations.
5. **Use only approved replacement parts** – Please always use official parts for your car kit as unknown spare or replacement parts may lead to malfunctions.

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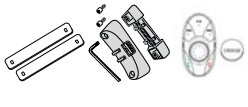
1. Introduction

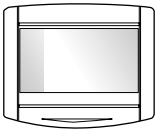
Carefully unpack the BT-390 Bluetooth Handsfree Car Kit and check that the following items are included:

❶ Identifying Components

Unpack the Car Kit package and ensure the following items are included.



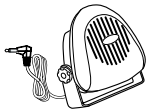
Remote / Bracket / Clasp / CR2032 Battery
Part # 31132000



BT-390 LCD
Part # 31132450

Junction Box
Part # 31132100

Stand
Part # 31132060



Speaker
Part # 31132430

Microphone
Part # 31132440

Fuse Set
Part # 31132010

Power Cable
Part # 31132010

Note:
If any item is missing or damaged, please contact your dealer.

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2. Installation

This section demonstrates how to set up and install the BT-390 into a vehicle.

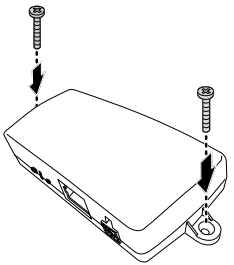
❶ Installing the Junction Box

The Car Kit is designed to work with the 12/ 24-volt power supply of the vehicle. Refer to the following to install the junction box in a vehicle.

1. Locate a suitable place inside the car to mount the junction box. Select a dry place that avoids excessive heat and mechanical vibration. Ideally, the junction box should be hidden from view, but still easily accessible.

   Note:
   Make sure that the cables are long enough to support the location of the junction box. If the cables are not long enough, do not lengthen the cables. Instead, relocate the junction box.

2. Use two screws (not included) to fasten the junction box in place.



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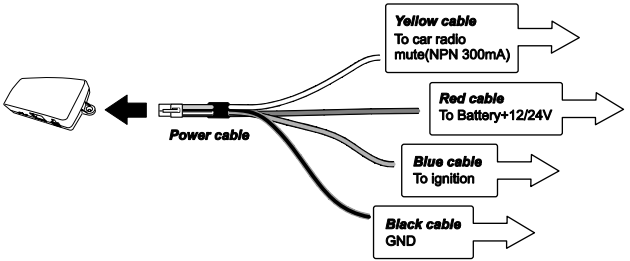
❷ Connecting the Power Supply (For Options 1 and 2 only)

The following illustration demonstrates how to connect the Car Kit's power cables to the vehicle's electrical system.



Important:

The blue cable must be connected to the 12/ 24V switched to enable the Car Kit to go into standby mode.

Do not connect the blue cable to the +12/ 24V constant. Doing so may discharge the battery of the vehicle and prevent the Car Kit from being reset.

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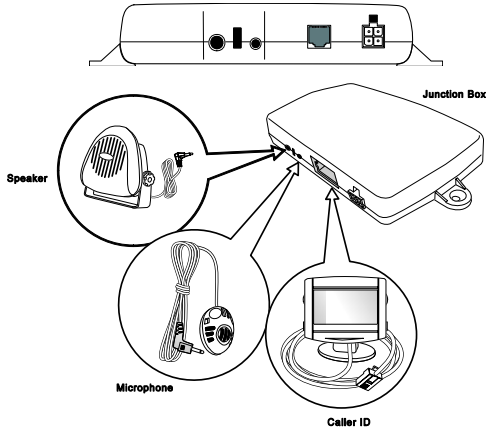
❸ Connecting Components

The following illustration shows where to connect the components.



Item	Description
Caller ID	The caller ID should be placed on the dash within view of the driver and passenger. (See Installing the Caller ID Display on page 9.)
Microphone	Ideally, the microphone should be located in front of the user and above waist height.
Speaker	For best reception, the speaker should be mounted at least 80cm (30 inches) from the Car Kit's microphone.

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❶ Preparing the remote control

The control module is designed to attach to the inside of the steering wheel on the left or right side.

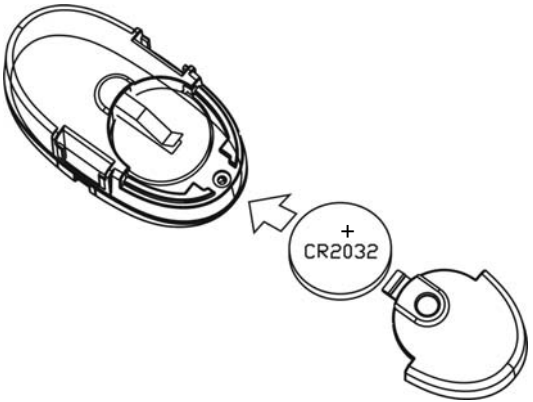
Installing the battery

Before attaching the control module, install the supplied battery.

1. Remove the battery cover from the rear of the control module.

2. Insert the new battery with the correct polarity as shown below.

3. Put the battery cover back on.



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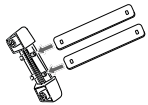
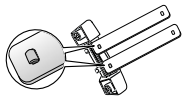
Attaching the remote control

Refer to the following to attach the control module:

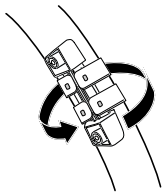
1. Attach the rubber clasp to the two notches on one side of the bracket base.



2. Pull tightly on the rubber clasp by holding it firmly from the middle and position the bracket base on the inside of the steering wheel.



3. Wrap the rubber clasp tightly around the steering wheel and secure it on the other two notches on the bracket base.



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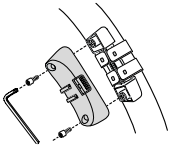
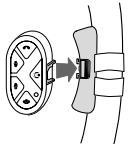
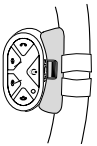
4. Attach the bracket cover with the two supplied hex bolts.



5. Slide the control module into the module bracket as shown. (To remove the control module, push the release button to the right and remove the control module.)



6. Now the remote is attached to the wheel.



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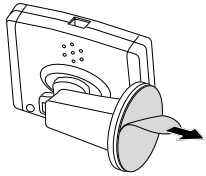
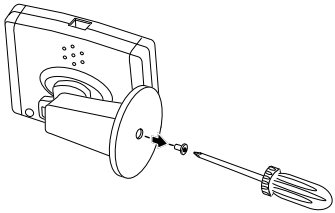
❺ Installing the Caller ID Display

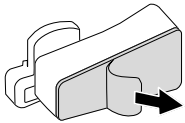
The caller ID is designed to sit on the dashboard or other location. Once it is attached to the stand remove the adhesive cover from the sticker pad (attached) from the base and press firmly to secure in place.



If you wish to attach the LCD display elsewhere, such as next to the car radio, detach the base from the stand by removing the screw as demonstrated.



Turn the stand inwards and apply a sticker pad (provided) to the back of the stand. Position the stand and press firmly to secure in place.



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❻ Installing the Microphone

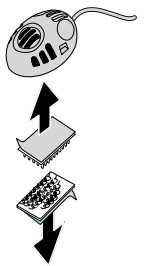
Before installing the microphone, take note of the following:

- Make sure that the cable can reach from the microphone to the speaker. If the cable is too short, relocate the microphone. Do not lengthen the cable.
- The supplied microphone is uni-directional. For best results, place the microphone in front of the person talking. It has a reception angle of 60 degrees, and is most effective within a 60-cm radius.

Installing the Microphone

Find a suitable place for the microphone. Remove dust and grease from the surface.

1. Remove the protective cover from the Velcro and press it firmly onto the bottom of the microphone.
2. Remove the protective cover from the other Velcro pad and firmly press the pad in place.
3. Attach the microphone.



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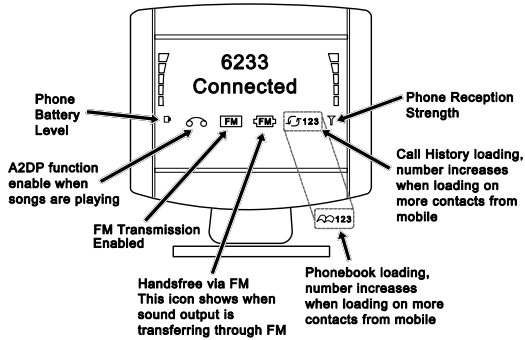
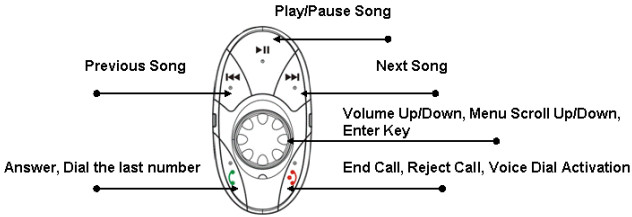
❶ How to Operate the Car Kit

Understanding the icons on your screen and remote control

Please see below for the explanations of the icons on the main screen.





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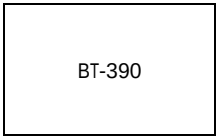
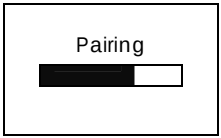
❷ Basic operation

Connecting to the Mobile Phone for the First Time

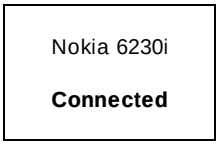
As soon as the ignition is turned on “BT-390” text will be displayed on the backlit screen and it will quickly enter the “Pairing” mode searching for available Bluetooth mobile phones for pairing up. If the pairing screen does not display automatically, turn on this function manually (See Connection Settings on page 18).





Switch on mobile phone’s Bluetooth connection and conduct a search for a new Bluetooth audio device. When you see BT-390’s name appearing on the mobile phone screen please select this item to pair and enter 1234 when prompted by the password request. This will allow BT-390’s device name to reside in your mobile phone memory, listed along with other previously paired devices in the handset.

You may need to press the connect command on the phone to establish the connection with BT-390 after pairing and the mobile phone name should appear on the main screen.



The car kit screen will also display battery and signal indications if your phone supports these functions.

Note:
Please contact your dealer for a compatibility list.

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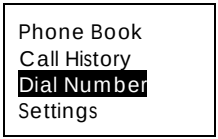
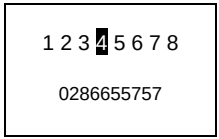
❸ Dialing the First Call

Scroll down to enter main menu and go to **Dial Number** then press the **Enter** button. Scroll up/down to go to your desired number, press **Enter** to select the number.





Once you have finished selecting all the numbers required, press **Answer** to call the complete telephone number you have just entered.

Receiving and Ending a Phone Call

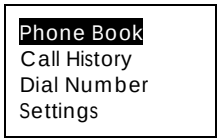
When there is an incoming call, press the **Answer** button to accept the phone call. To end a call, press the **Reject/ End** button to terminate the conversation.

Adjusting the Conversation Volume

User can adjust the volume during the conversation by pressing the up or down scroll button on the remote.

❹ Advanced Operation

Phonebook Functions 1 – Updating Phonebook



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There are a number of ways to upload your phonebook to the BT-390, if your mobile phone supports automatic phonebook synchronization (for example, Nokia 6230i), it will upload call history, phone book entries, and sort the phone book as soon as the phone is connected with the car kit.

Note:
Phonebook synchronization and sorting time may differ depending on size of phonebook list and also the phone's transfer speed. This may also affect the initial remote control response at start up.

In the event that you do not wish to upload automatically, you can disable this function and upload the phonebook manually. To setup manual phonebook upload, please follow the steps below:

Settings → Phone Book Sync → Enable/Disable

See Other Settings on page 22 for more information.

Note:
Phone Book Sync default setting is enabled.

To force sync the contacts manually from both phone memory and the SIM card, please follow the steps below:

Phone Book → Sync Phone Book

Please note that automatic phonebook synchronization will add in new contacts which are entered into your mobile phone but it will not delete the entries which have been removed from your phone. To update your deletions (or additions); please use the **Sync Phone Book** function.

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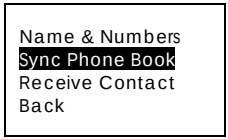
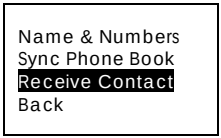


Note:
Contacts are picked up in random order by the car kit; therefore, BT-390 will perform the sorting function in the background after the sync. If you access the phonebook before the sorting is completed, you may see that some contacts are not displayed in right order. This is normal for the first time sync and please waits until the sorting process is completed before accessing the phonebook.

However, if your phone does not support automatic phonebook synchronization (which also means you cannot use the **Sync Phone Book** function) you will need to send the required entries manually from the mobile phone to the car kit under the **Object Push Profile** (OPP) mode via Bluetooth (also known as Sending Business Card via Bluetooth function). To use the OPP mode for uploading contacts please use the following steps:

Phone Book → Receive Contact



Soon after you select **Receive Contact**, the BT-390 temporarily disconnects from your mobile phone to allow the contact entries to be sent over. Access your phonebook now and go to the required contact entry. Choose option on your phone screen and select send via Bluetooth to transfer the contact to car kit (Command may vary on different handset please consult the phone manual). BT-390's

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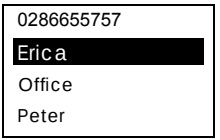
screen will display the contact received. Repeat the process for other entries if necessary. Once you have finished, press the **Reject/End** button to stop OPP mode and re-establish the Bluetooth link with your mobile phone.

Note:
*Some phones support sending multiple contacts in one operation under the OPP mode (such as **Mark all** function in Nokia). It is recommended that no more than one hundred selections be sent at a time.*

Phonebook Functions 2 – Search for a Name to Call

After the phonebook is uploaded contacts will reside in the car kit's memory. You can search these entries to call by going through the A-Z index and selecting a character to look up a particular name that starts with the alphabet. For instance, choose E and it will list the names starting with E (Erica for this instance). To go to a desired phonebook entry, scroll up/down the alphabetical list and select a letter entry.

Phone Book → Name & Numbers →
ABCDEFGHIJKLMNOP…



Go to the desired contact and press **Answer/Call** to dial out.

Shortcut Key:
*Alternatively, press the **Enter** button in the main idle screen to instantly access the phonebook's A-Z index.*

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Accessing Received, Dialed, and Missed Calls

BT-390 can sync with your mobile phone's call history. To access the previously dialed calls please go through the following steps:

Call History → Calls Dialed

To access received calls

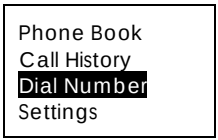
Call History → Calls Received

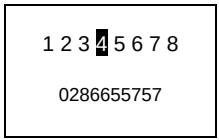
To access the missed calls:

Call History → Calls Missed

Dialing a Number

To dial a desired telephone number that is not in the phonebook access the **Dial Number** function. Go to the required number and press **Enter** to type it on the screen. To delete a wrongly selected number move to ← symbol and press **Enter** to delete it. Once the complete telephone number is selected, press the **Answer** button to call the telephone number you have just entered.





Initiating Private Calls

A privacy function is available in the BT-390 car kit. The handsfree feature is disabled when the privacy function is enabled allowing for the use of the handset during the conversation.

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To initiate the private call function, simultaneously press both scroll buttons on the remote control during a call. Once activated, press the **Answer** button once to return to handsfree.

Warning:
It maybe illegal to use mobile phone while driving. Please check the law in your region. We do not recommend any use of mobile phone by driver when driving.

❺ Connection Settings

Pairing Setup

The majority of the phones can connect with BT-390 under the hands-free profile as follows:

Settings → Bluetooth Setup → Pairing → Pairing Phone

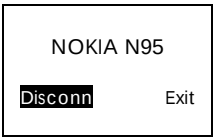
Some phones do not support the hands-free profile but instead offer a headset profile. In this case, you will need to setup the headset pairing to connect the mobile phone with BT-390 as follows:

Settings → Bluetooth Setup → Pairing → Pairing Headset

Disconnecting From the Current Phone

You can disconnect the phone from the BT-390's menu:

Settings → Bluetooth Setup → Active Phone → Disconn



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Viewing, Connecting, and Deleting Previously Paired Phones

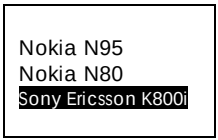
You can re-establish a connection with a previously paired phone by entering the paired phone lists:

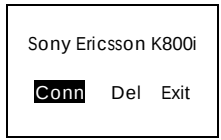
Settings → Bluetooth Setup → Paired Phone

Note:
To re-establish a connection with a previously paired device, the connection with current device must be disabled first.

To re-establish a link please go to the desired device name and press **Conn** to re-connect with the BT-390:

Settings → Bluetooth Setup → Paired Phone
→ select the device (e.g. Sony Ericsson K800i)
→ Conn





To delete a pairing simply select the desired device name and scroll to **Del** and press **Enter** to confirm the deletion:

Settings → Bluetooth Setup → Paired Phone
→ select the device (e.g. Sony Ericsson K800i)
→ Del

❻ Language Settings

Language Settings

Depending on your region, there are up to 10 languages built into the BT-390 and the default language is English. To

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change to a different language simply follow the following steps:

Settings → Language Setup → English

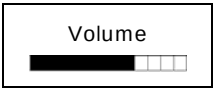
Note:
Available languages: English, Spanish, Portuguese, French, Italian, German, Dutch, Norwegian, Danish, Swedish (Region 1); English, Czech, Polish, Hungarian, Russian, Hebrew (Region 2); English, Chinese (Region 3).

❼ Sound Settings

Adjusting the Speaker Volume

You can adjust the speaker volume to suit your required sound level:

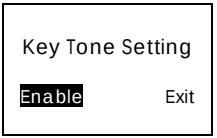
Settings → Sound Settings → Volume
Settings → + / -



Disabling and Enabling the Key Tone

You can disable or enable the BT-390's key tone:

Settings → Sound Settings →
Key Tone Setting → Enable/Disable



❽ Display Settings

Adjusting Display Contrast

You can adjust the contrast of the LCD display:

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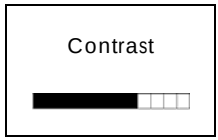
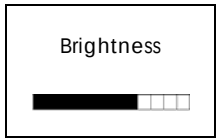
Settings → Display Settings → Contrast → +/-



Adjusting Display Brightness

You can adjust the backlight level of the LCD display:

Settings → Display Settings → Brightness → +/-



Changing the Backlight Color

You can change the color of the backlight to suit your car's interior. BT-390 has 5 preset colors to choose from:

Settings → Display Settings → Screen Color → White

Available colors: Orange, Green, Blue, Red.

You can also self-define the backlight color as follows:

Settings → Display Settings → Screen Color → User Define

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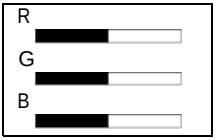
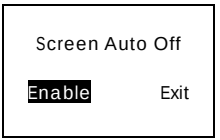


Enabling Auto Dim Screen

You can enable or disable the backlight to go dim when the system idle time is longer than 10 seconds:

Settings → Display Settings → Screen Auto Off → Enable/ Disable

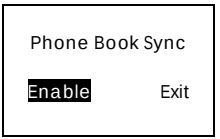


❾ Other Settings

Setting up Automatic Phonebook Synchronization

You can setup to upload your phonebook automatically when a connection is established:

Settings → Phone Book Sync → Enable/ Disable



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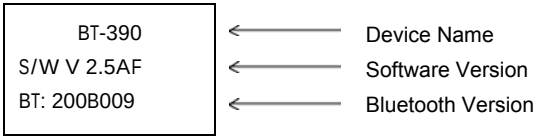
Finding Out the Device Software & Firmware Version

For information about the device, go to:

Settings → About Car Kit



⑩ Multimedia Functions

BT-390 has a built-in F.M. transmitter which not only offer alternative sound output for handsfree communication but also allows user with A2DP phones to stream music in the phone to the Hi-Fi radio via car kit.

Setting up FM Transmission

To setup FM frequency, please use the following steps:

Settings → Sound Settings → FM Settings → F.M. 88.8 (MHz)

Other Frequencies: 100.1MHz, 106.2 MHz, FM User 1, and FM User 2.

To setup a user defined frequency:

Settings → Sound Settings → FM Settings→ FM User 1 (or **FM User 2)**

To turn off FM transmitter:

Settings → Sound Settings → FM Settings → FM Disable

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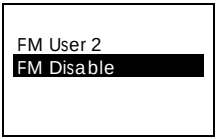
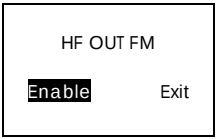


To enable or disable handsfree function via FM transmitter:

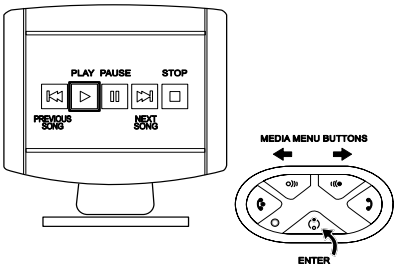
Settings → Sound Settings → H.F. Out F.M. → Enable/Disable



Using A2DP Media Player

To enter Media Player interface:

Settings → Sound Settings → Media Player



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Use the Media Menu buttons to Play, Pause, jump to Previous or Next songs, and Stop playing.

Shortcut Key:
Alternatively, press the Up scroll button in the idle screen to gain access to the media player instantly.

Note:
Phone must support A2DP to use this function. Not all phones are equipped with A2DP function. Please check your phone specification for further information.

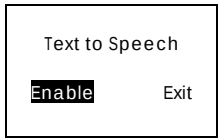
Text-To-Speech Setting

BT-390 is equipped with the advanced Text to Speech (TTS) technology which speaks out the menu and car kit's operations in real person voice to assist driver operating the car kit while driving the vehicle.

Setting up Text-To-Speech

To enable or disable TTS Feature:

Settings → Sound Settings → Text to Speech→ Enable/Disable



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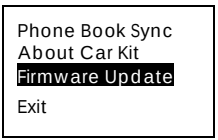
⓬ Factory Settings Reset

BT-390 allows you to master reset the car kit back to the original factory settings. To master reset BT-390 please press both **Answer** and **Reject** buttons at the same time for few seconds until you hear a series of beeps and then it will automatically enter the pairing screen to indicate that car kit has been reset back to the original factory settings.

Warning:
If you reset the car kit, all phonebook entries and paired settings will be erased.

⓭ Bluetooth Firmware and CPU Software Upgrade

From time to time new Bluetooth phones are introduced and these phones may not be 100% compatible with BT-390 as the software may not recognize new features or functions provided on the new phone. BT-390's firmware must be updated to accommodate new phones. BT-390 offers an easy way of upgrading software. To use this feature please contact your dealer for an upgrade instruction manual.



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Troubleshooting

My mobile phone can't make a connection.	Make sure the bluetooth function on your phone is enabled. Make sure the car ignition is on. If on and no power check the fuses and wiring. Reset the Car Kit and try again. Turn your phone off and on again, and try the proceedure for connection once more. If your phone is very new check the support website for an upgraded software version.
When my mobile phone is ringing and I adjust the volume, the call is disconnected.	With some phones, adjusting the volume before the call is initaited will disconnect the call. Wait until the call is answered, then adjust the volume.
My phone doesn't recognize my voice tags for voice recognition. (**Note: Not available on all phones. Check your phone's user manual for availability.**)	Re-record voice tags using the method described in "Notes on using Voice Recognition" above. Close your windows while using voice recognition. Speak clearly in the same manner in which the voice tag was recorded.

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