

User Manual

DSP Bluetooth Handsfree Car Kit

PHC-9000

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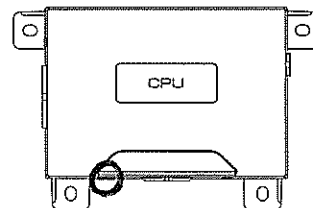
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Introduction

The Caron PHC-9000 is a handsfree car kit with many features. We recommend professional installation. For a list of recommended installers near you visit www.caron.co.nz

Package Contents

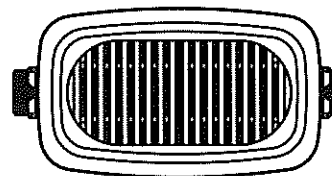
1. Electronic CPU



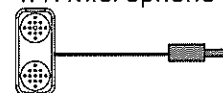
2. Display



3. External Speaker



4.1. Microphone



5. Extension lead



4.2. Mic clip

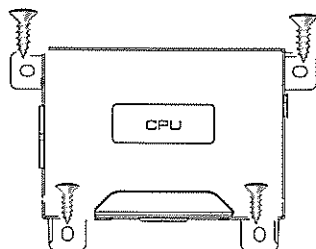


6. Power lead (ISO connector included)



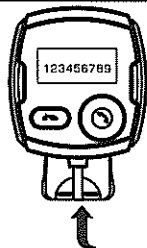
Installation of the CPU

It is recommended all the cables are run prior to locating and connecting the CPU.



- Do not install the CPU near heat or moisture.

Installation of Display at desired location



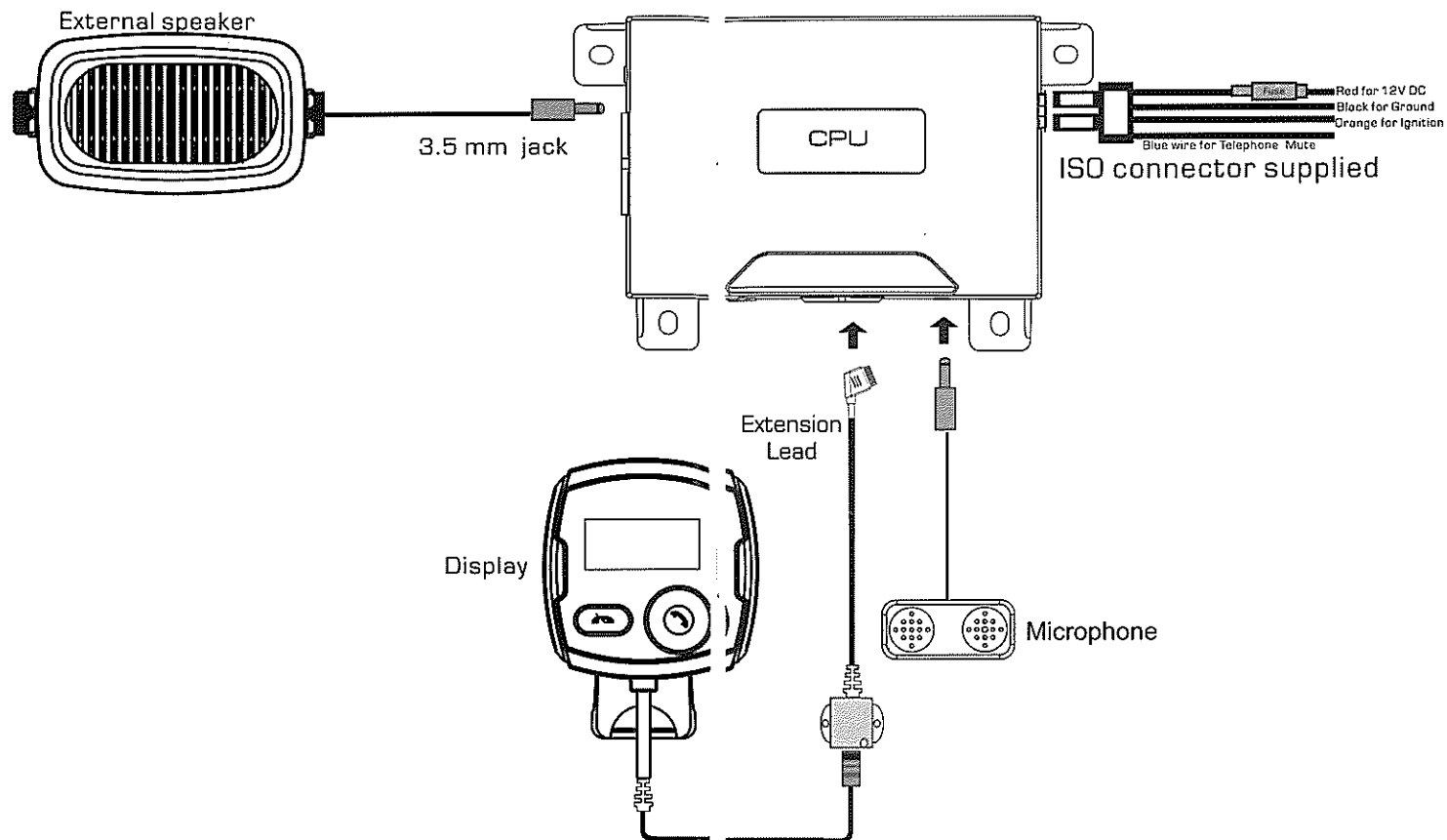
Please note the display can be inverted to allow more mounting options. Select this option from the main menu

Remove the red cover of the double side tape and fasten the display at desired location.

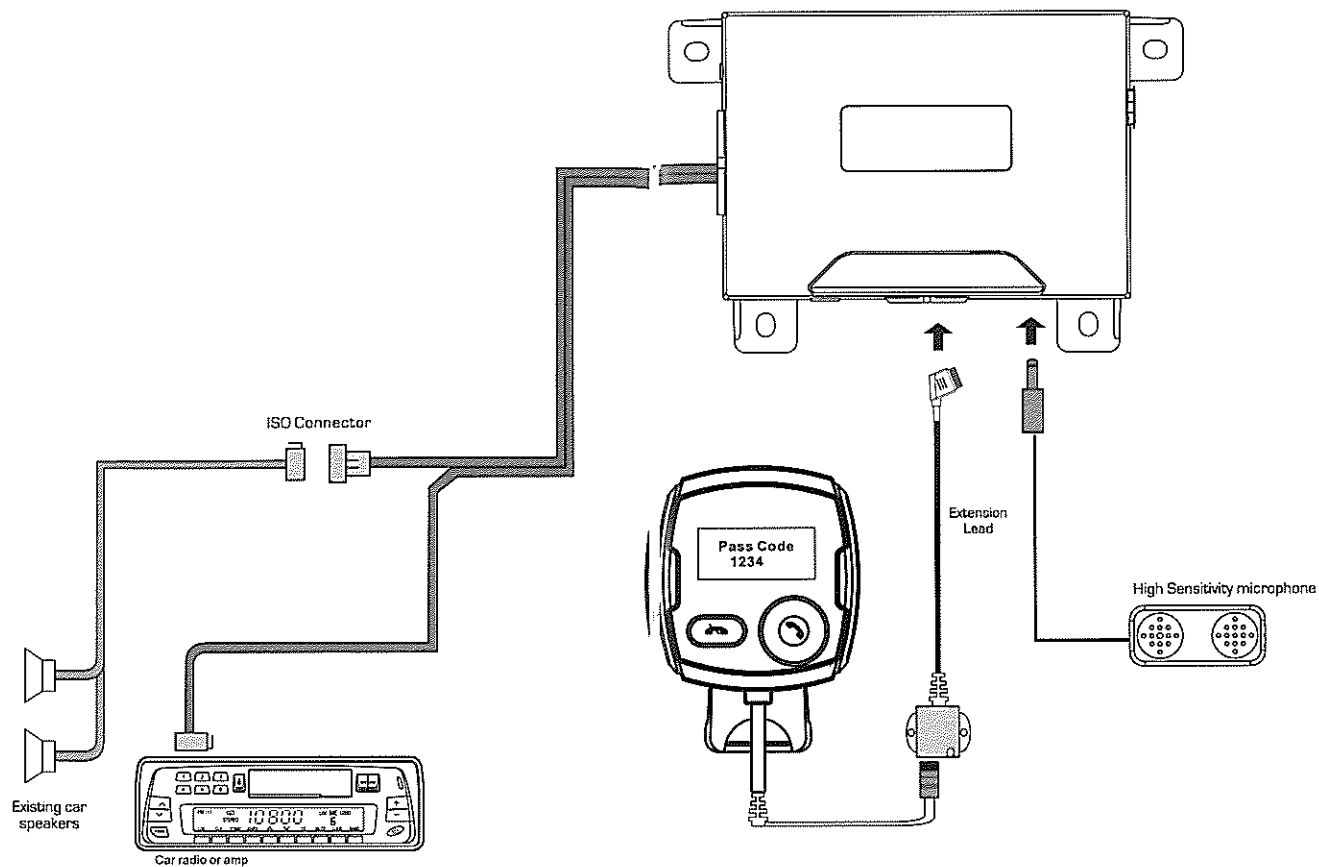
Installation of Microphone

1. The microphone should be fastened 30-40 cm from the driver for best performance.
2. Microphone clip is supplied for additional mounting options.

PHC-9000 Connection Diagram



PHC-9000 wiring diagram with ISO connector

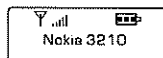


Features

- .DSP (Digital Signal Processor)
- .Phone Book Synchronization
- .Supports Four Phone Books
- .Pairable to Four Bluetooth Enabled Devices
- .Auto Re-Connection with last paired phone.
- .Auto Music Mute (on compatible vehicles)
- .Caller ID Announcement.
- .Caller Name Display
- .Call Transfer

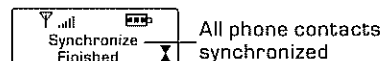
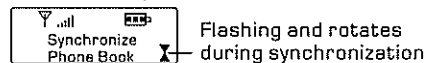
Pairing Procedure

- Step 1: Activate Bluetooth on your phone.
Please refer to your mobile phone's user manual.
- Step 2: Set the phone to Bluetooth mode in search mode and power on PHC-9000.
- Step 3: When PHC-9000 is detected, your mobile phone will display PHC-9000..
- Step 4: Enter pass code "1234" to associate (Pair) and connect the PHC-9000 with your phone.
- Step 5: Once you have entered the pass code, your phone is paired with the PHC-9000 and shows "Pairing succeed" and displays the name of the phone paired. (eg. Nokia 3210).
- Step 6: Some models of phones will also display the battery level and antenna signal on the screen.



Phone Book Synchronization

A number of phones support automatic synchronization. When your mobile phone first connects with the PHC-9000, your contacts will immediately synchronize if this feature is supported by your phone. See page 14 for manual synchronization or below to Object Push. During synchronization, LCD displays as follows:



Object Push

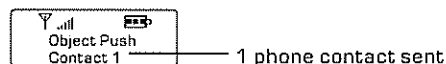
If your phone does not automatically synchronize, contacts can be transferred via Bluetooth.

Steps to manually transfer phone contacts :

1. Connect phone to PHC-9000
2. Press red button once to disconnect mobile.
3. Press green button once to enter into Menu.
4. Rotate through the options until "Object push"



5. Select sending contact via Bluetooth or Object Push.
6. Display shows:



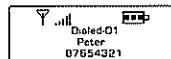
Some mobile phones support Group Send which enables all contacts to be sent in one push. Refer to your phone user manual.

Make Calls from the Outgoing Call History

Press and hold green button to enter call history.
LCD displays :



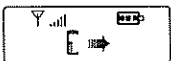
Press green button once to enter outgoing call history.



Scroll to the desired number and press the green button again to make an outgoing call.

Making Calls From the Incoming Call History

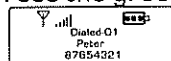
Press and hold the green button to enter call history.
LCD displays :



Scroll anticlockwise and select incoming call history.



Press the green button to enter.



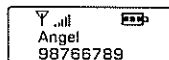
Scroll to the desired number and press the green button again to make an outgoing call.

Making Calls from the Phone Book

Press the green button once to enter the Menu and select the phone book.



Select the letter using the scroll button.
Press the green button to confirm your selection and dial.

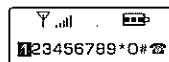


Making Calls from the Display

Press the green button once to enter the Menu and scroll to the telephone icon.

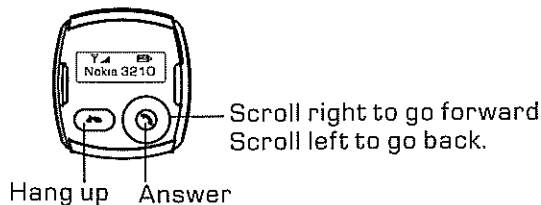


Press the green button again to go to the dial key pad.

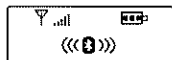


Select the number using the scroll button.
Press the green button to confirm your selected number each time. Once the number is complete, scroll to the telephone icon and press the green button to make the call.

SETTINGS



Select Paired Devices



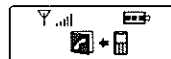
When the above symbol is displayed, you can access the list of Bluetooth devices which have been paired to the PHC-9000 by pressing the green button.



Indicate this phone is connected with car kit

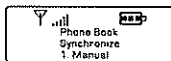
The current connected device can be either disconnected by pressing the red button once. Or scroll to the next paired phone and press the green button once to connect.

Phone Book Synchronization (Manual)



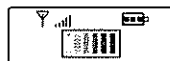
When the above symbol is displayed, you can choose between manual or automatic synchronization mode.

For phones that do not support automatic synchronization, please set this mode to manual

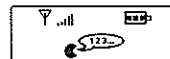


If your phone supports auto synchronization, when you first pair the PHC-9000 and phone the synchronization will be automatic and when you connect to the car kit subsequently synchronization will not activate itself.

LCD Contrast



Caller ID Announcement

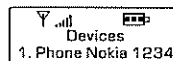


You have the option to set the caller ID announcement to on or off.

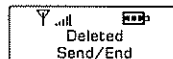
Erase Paired Devices.



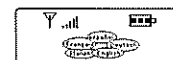
Press the green button to select



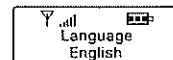
Press the green button to confirm delete.



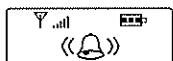
Language Select



The PHC-9000 supports five languages
English-Spanish-French-Germany-Italian.
Scroll to your desired language.



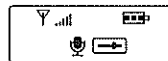
Key Tone On/Off



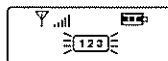
Key Tone High/Low



Microphone sensitivity

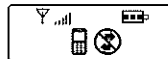


LCD Back On/15 seconds



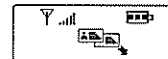
When LCD is set to 15 seconds, the back
light will turn off after 15 seconds.

Clear Call Record



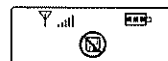
You can clear all records in the missed, dialed or
received calls. You also have the option to
delete dialed or received calls only.

Object Push

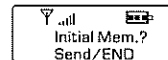


Phone contacts can be sent one at a time by Object Push

Erase All Phone Book Contacts



Press the green button to erase all of downloaded
phone contacts. Press the red button to exit.



Specification

Bluetooth version.....	2.1 + EDR
Pairable.....	For 4 Bluetooth Enabled devices
Profile.....	Support HS & HF & OPP, PBAP
Frequency.....	2.4GHz
Operation range.....	up to 10 meters
Unique Features.....	Phone Book Synchronization Caller ID Announcement.
Power voltage.....	10.80-14.4 V DC
Audio Amplifier.....	2 x 11W stereo
Display.....	LCD 128 x 64 dot matrix
DSP.....	Full Duplex with Echo Cancellation Noise Reduction
Sensitivity (Rec).....	-86dBm TYP.
Therefore (Tx).....	+4dB TYP. (+/- 4dB)\
2nd+/-2MHz.....	-35 dBm TYP
Channels.....	79