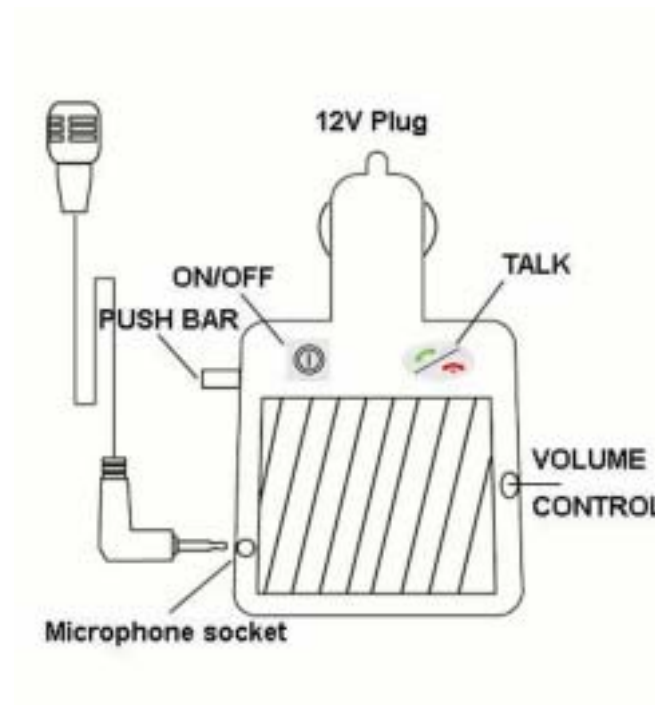


Bluetooth Hands-Free Car Kit

Model No. BCK-001

Installation Guide



Specification:

Product	Bluetooth Hands-Free Car Kit
Bluetooth Compliance	Bluetooth 1.1 specification Bluetooth headset profiles
Frequency Band	2.45 GHz ISM band 79 channels frequency hopping
TX Output Power	0.36 mW
Receiver Sensitivity	<-78dBm
Operating Range	Up to 10 meters
Security	Encrypted link
Maximum current	150mA
Input Voltage	12V

Installation:

1. Insert the cigarette lighter plug of Bluetooth Car Kit into the cigarette lighter socket in the car.
2. Insert the microphone plug into the microphone socket on Bluetooth Hands Free Car kit, and place the microphone at appropriate.

Operation:

1. ON/OFF button

To control power on/off by pushing ON/OFF button.

2. Talk button

The Talk button is used for handset handling. Three different actions are supported: send, end and pairing.

3. Push Bar

Adjustable angle by pressing Push-Bar button

4. Microphone socket

Connection to Microphone

5. Volume control

Adjustable volume by rolling Volume Control button

6. LED signaling

The LED is used to give an optical feedback to the user. It is connected to pin RTS. There are two answering call modes you can choose as below, basically

We set it in automatic mode:



manual mode: red LED lights up – answering call manually.



automatic mode: green LED lights up – answering call automatically.

7. Connection to a mobile phone

The first example describes the process with the Ericsson mobile phone

R520m. For other cell phones with Bluetooth, such as Ericsson T68, Ericsson T39, Nokia 6310, are nearly the same procedure.

7.1 Switch the car kit on . (Approximately 2 sec) and there is ring tone means the car kit is turn on, then press Talk button  (Approximately 2 sec.) till the red and green LED is blinking ( is Red LED and  is Green LED) that the car kit is in the pairing mode then you can go to step 7.2.to pair with your mobile phone.

7.2 Ericsson R520m

7.2.1 Enter the “menu” (press left/right key) of the cell phone. Choose point 5 called “Extras” by pressing “YES”

7.2.2 In the subdirectory “Extras” select the point 4 “Bluetooth”. This subdirectory handles the whole Bluetooth settings.

7.2.3 The subdirectory “Bluetooth” offers four menu commands:

7.2.3.1 **Discoverable:** Other Bluetooth devices are allowed to see the mobile phone for three minutes. After three minutes the cell phone asks if the cell phone should remain discoverable.

7.2.3.2 **Paired devices:** Contains a list of all paired devices.

7.2.3.3 **Discover:** To search for other Bluetooth devices activate this point. After a while it displays all searching results.

7.2.3.4 **Operation mode:** Defines the operation mode of the cell phone such as on, off, or automatic (depending on what you want the phone to do). To look for the CSR headset choose point 3 “Discover” in the Bluetooth subfolder.

7.2.4 The phone displays a progress bar with the title “Searching”. Then it displays all the searching results. At the left side the phone shows a headset symbol. Choose the “CSR-bc2” with this headset symbol to select the CSR headset solution by pressing “YES”.

7.2.5 The next step adds the headset to the paired device; therefore press “YES”. (If there is already a headset device paired, it appears an hint on the display)

- 7.2.6 The cell phone asks for the passkey for this connection. Please enter **(1234)** and press "YES".
- 7.2.7 Now the phone displays a progress bar with the title "Pairing". If everything works fine the message "Pairing succeeded" appears.
- 7.2.8 After a successful pairing the phone asks if you want to change the name of the paired device (press "YES" to keep the default name).
- 7.2.9 Now everything is done and the headset is connected with the cell phone. Leave the subfolder by pressing four times "NO" to return to the main menu of the phone. Now the headset is paired with the cell phone. Note: If there is already a headset connect the cell phone will ask if you want to replace it.

7.3 Ericsson T68/T68i

- 7.3.1 Enter the "menu" of the cell phone.
- 7.3.2 Choose "Connect" → "Bluetooth" → "Discover".
- 7.3.3 The phone displays a progress bar with the title "Searching". Then it displays all the searching results. Choose the "CSR-bc2" with this headset symbol to select the CSR headset solution by pressing "YES".
- 7.3.4 The next step adds the headset to the paired device; therefore press "YES". (If there is already a headset device paired, it appears on the display)
- 7.3.5 The cell phone asks for the passkey for this connection. Please enter **(1234)** and press "YES".
- 7.3.6 Now the phone displays a progress bar with the title "Pairing". If everything works fine the message "Pairing succeeded" appears.
- 7.3.7 After a successful pairing the phone asks if you want to change the name of the paired device (press "YES" to keep the default name).
- 7.3.8 Now everything is done and the headset is connected with the cell phone. Leave the subfolder by pressing four times "NO" to return to the main menu of the phone. Now the headset is paired with the cell phone. Note: If there is already a headset connect the cell phone will ask if you want to replace it.

7.4 Nokia 6310/6310i

- 7.4.1 Select the "menu" of the cell phone.

- 7.4.2 Select "Bluetooth" → "Search for Audio Accessories".
- 7.4.3 Press select key and start search. It displays all the searching results. Choose the "CSR-bc2" with this headset symbol to select the CSR headset solution by pressing "OK".
- 7.4.4 The next step adds the headset to the paired device; therefore press "OK". (If there is already a headset device paired, it appears on the display)
- 7.4.5 The cell phone asks for the passkey for this connection. Please enter **(1234)** and press "OK".
- 7.4.6 Now the phone displays a progress bar with the title "Pairing". If everything works fine the message "Pairing succeeded" appears.
- 7.4.7 After a successful pairing the phone asks if you want to change the name of the paired device (press "OK" to keep the default name).
- 7.4.8 Now everything is done and the headset is connected with the cell phone. Leave the subfolder by pressing four times "NO" to return to the main menu of the phone. Now the headset is paired with the cell phone. Note: If there is already a headset connect the cell phone will ask if you want to replace it.
- 7.4.9 We would like to remind you If you have turned off the Nokia 6310 handset after pairing and you do not need to pairing with car kit again when you turn on 6310 handset, press talk button  And the 6310 handset will show "connect with CSR-bc2" and then press "Accept", that will connect with handset again.

Environment Test and Life Test

Item	Test Condition	Sensitive (dBm)	OutPut Power (dBm)	Requirement	Reliability
Operating Temperature	0<X<60	-78	-6<X<4	5 Cycle	OK
Storage Temperature	-20<X<85	-78	-6<X<4	5 Cycle	OK

Input Requirements

	Minimum	Nominal	Maximum
Input Voltage	11V	12V	13.5V

Integration Test

Company	Cell phone Type	Test Result	Additional
NOKIA	8910 / 8910i	OK	
NOKIA	6310 / 6310i	OK	

Sony Ericsson	T39	OK	
Sony Ericsson	T68 / T68i	OK	

FCC Notices

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 RF Exposure requirements

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.”

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.