BHK9000
BLUETOOTH HANDSFREE

Instruction Manual

Bluetooth®

BLUETOOTH HANDSFREE

www.dnaaudio.com.au

Congratulations on your purchase.

The BHK9000 incorporates the latest technology in Bluetooth handsfree car kits designed for your daily in-car mobile communication usage. Combing elegance and simplicity the BHK9000 is one of most friendly handsfree car kits around. Using the stylishly designed wired remote control you can easily operate Bluetooth handsfree functions that allow you to pair with multiple phones so you can easily answer an incoming call, or dial out the last number called without accessing your mobile phone.

By using the BHK9000 handsfree car kit you can avoid receiving hefty fines while not worrying about missing important calls while driving.

Preface
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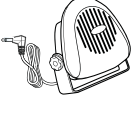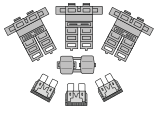
Important Note on Safety!!

Please read the following notes before installing and using this car kit!

1. **Unit Installation** – Installing the BHK9000 Bluetooth Handsfree Car Kit requires specialized knowledge and skills. Incorrect installation may cause damage to your BHK9000 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 in your vehicle may lead to incorrect functioning of the essential vehicle safety equipments such as air bag or it may become a source of injury in an accident situation. Please always consult the professional installer and carefully choose the installation location in your car.

3. **Interference with on-board electronics** – Incorrect installation or unsuitable installation locations may cause interference with the vehicle electronics systems. Please read the vehicle manufacturer's notes to the effect!

4. **Road safety** – We strongly advise that full attention is to be paid to the traffic conditions whenever the vehicle is moving. Distraction of attention can lead to dangerous traffic situation. Even when using a handsfree car kit driver is always advised to avoid phone call during difficult and complex traffic situation.

5. **Use only approved replacement parts** – Please always use official parts for your car kit as unknown spare or replacement parts may lead to malfunction.

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Package Contents

Wired Remote	Remote Holder	Control Module	User Guide
External Speaker	Power Cable	Fuse Set	Microphone

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

Optional Components

BHK9000-ISO	Mobile Phone Holder (MPH45)	iPhone Holder (MPH46)

BHK9000-ISO
ISO harness provides easy plug and play option for an ISO connection commonly used in European vehicles. This integration automatically mutes your vehicles front speakers for bluetooth audio. External bluetooth speaker supplied is not required for this installation setup. Further infomation supplied with BHK9000-ISO harness.

This section demonstrates how to set up and install the BHK9000 into a vehicle.

Installing the Control Module
The Car Kit is designed to work with either 12V or 24V vehicle supply voltage. Refer to the following on how to install the control module in a vehicle.

1. Locate a suitable place inside the car to mount the control module. Select a dry place that avoids excessive heat and mechanical vibration. Ideally, the control module should be hidden from view, but still be easily accessible such as under the drivers dash area.

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

2. Use two screws to fasten the control module in place.

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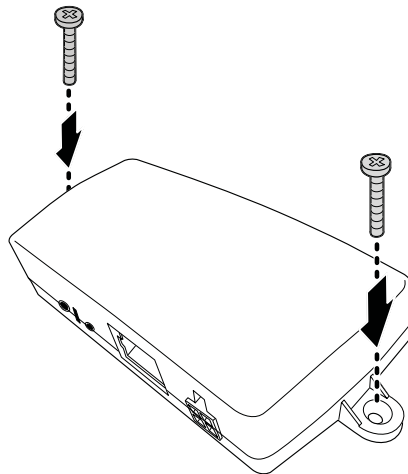
Connecting the Power Cable
The following illustration demonstrates how to connect the Car Kit's
power cables to the vehicle's electrical system.

IMPORTANT!
Ensure the supplied fuse holders and fuses are installed in the following
configuration.

RED WIRE: 5 Amp Fuse
BLUE WIRE: 2 Amp Fuse
BLACK WIRE: 2 Amp Fuse

Yellow cable
To car radio
mute(NPN 300mA)

Red cable
To Battery+12/24V

Power cable

Blue cable
To ignition

Black cable
GND
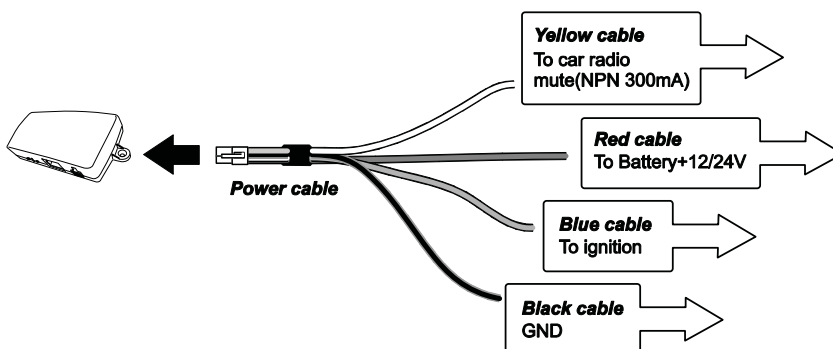
Warning!!
1. The blue cable must be connected to the 12/24V switched IGN wiring
   to enable the Car Kit to go into standby mode when turned OFF.
2. Do not connect the blue cable to permanent +12/24V. Doing so may
   discharge the battery of the vehicle and prevent the Car Kit from
   being reset.
3. Please do not attempt to install the unit by yourself. Always consult
   professional installer for power cable installation.

Connecting Components

The following illustration shows where to connect component devices.
Installing the Wired Remote Control
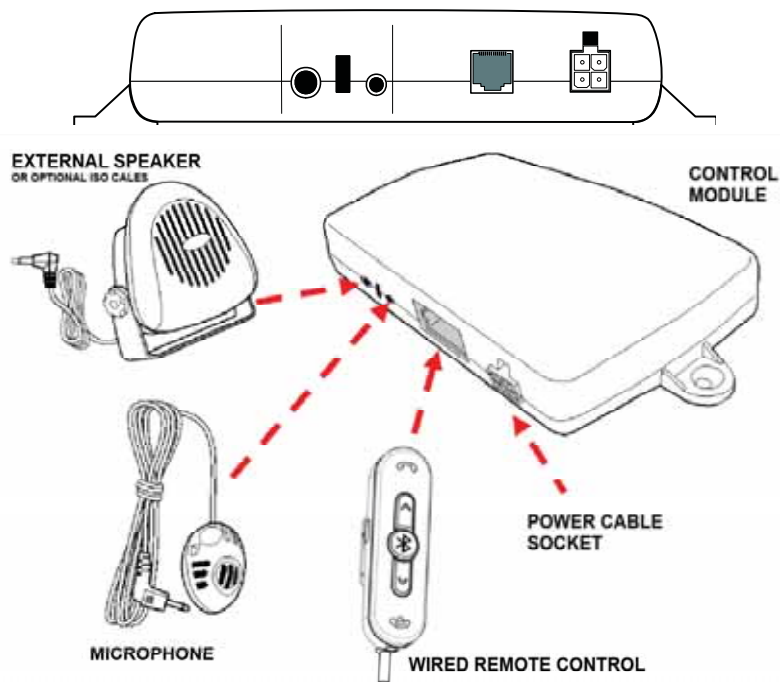
Item	Description
Wired Remote Control	The wired remote control should be located within reach and view of the driver.
Microphone	Ideally, the microphone should be located in front of the driver and above waist height.
Speaker	For best reception, the speaker should be mounted at least 80cm (30 inches) from the Car Kit's microphone.

Installing the Wired Remote Control
Find a suitable place for the wired remote control that will provide the best visibility. Remove dust and grease from the surface and firmly press the wired remote control holder in place with the sticker pads provided, or screw the holder into a suitable location with the enclosed screws. Slide the wired remote control into the holder.
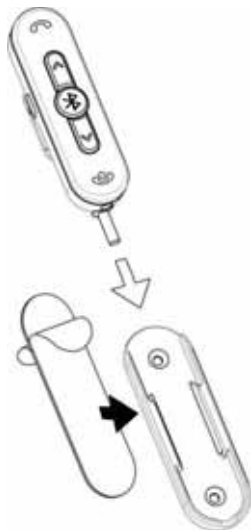
**Option 1
Sticker Pad**
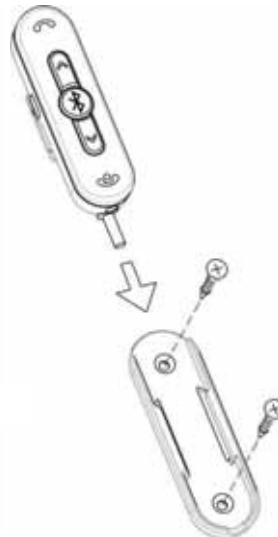
**Option 2
Screws**

Installing the Microphone
Before installing the microphone, take note of the following:
Ensure the microphone cable can reach the control module. If the
cable is too short, relocate the microphone or the control module.
Do not attempt to lengthen the cables.

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 60cm radius.

Installing the Microphone
Find a suitable place (e.g. sun visor) for the microphone. Remove dust
and grease from the surface.

1.   Remove the protective cover
        from the sticker pad at the
        bottom of the microphone.

2.   Firmly press the microphone
        with the sticker pad in place.
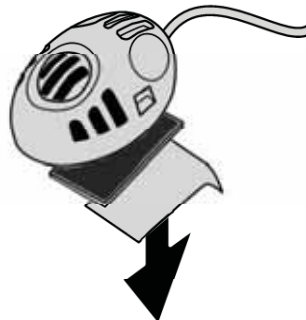
Understanding your Wired Remote Control

Answer/Redial

Volume Up

Volume Down

End/Reject

Bluetooth Connection Indicator
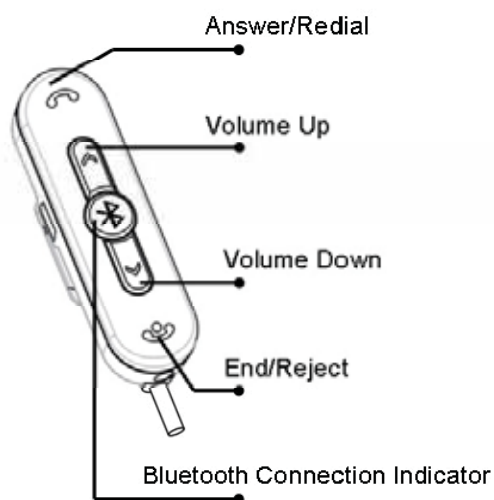
Keypad	Description
Answer/ Redial	Press to answer an incoming call, re-dial the last call made, to hold or release a call or receive another incoming call.
Volume Up	Press to increase volume during conversation.
Volume Down	Press to decrease volume during the conversation.
End / Reject	Press to end a conversation, reject an incoming call, or activate voice dial function in your phone.

Pairing Phones
Your phone must be paired with the BHK9000 before you can operate your handsfree car kit. To pair your phone, follow the procedure below.

Warning: Never attempt to pair your phone while driving.

1.   Turn IGN to 'ON' and wait for the power up tone.
2.   Press and hold the **ANSWER** and **VOLUME DOWN** buttons at the same time until you hear two quick beeps and the blue LED's begins to flash (the system is now ready to be paired).
3.   Be sure Bluetooth is enabled on your phone. Follow the documentation provided with your phone to search for new devices.
4.   Select the **DNA BHK9000** from the list of Bluetooth devices on your phone.
5.   Enter the passcode: **1234**
6.   The LED will turn to solid blue when the phone is paired and connected.

Note: Up to three phones can be paired with this car kit. You may follow the same procedure above to pair a second or third phone. Pairing a fourth phone will cause the first paired phone to be deleted.

Operation with Multiple Paired Phones
When the ignition is turned 'ON' the BHK9000 begins to search for paired phones. Priority is given to the most recently connected phone.

Example: Phone A is paired and connected first, phone B is paired and connected second and phone C third.
If all three phones are in range when the ignition is turned 'ON' phone C will establish a priority connection with the BHK9000.

Note:
If phone C is turned off or if the person using it leaves the car and goes out of range the connection will be broken. In order to establish another connection with one of the remaining phones, press the answer/redial button once or restart the ignition. The BHK9000 performs another search and establishes a connection with the most recently connected phone, in this example phone B.

Answering an Incoming Call and Last Call Redial
To answer an incoming call:
• Press **ANSWER** button when hearing the incoming call ringtone.

To redial the last number made on your phone:
• Press and hold the **ANSWER** button for 3 seconds until you hear a beep. Car kit will activate the last call you made on your phone.

End an Active Call and Reject an Incoming Call
To end an active call:
• Press **END** button during a call.

To reject an incoming call:
• Press **END** button when hearing an incoming call.

Adjusting the Conversation Volume
To adjust the conversation volume:
• Press **VOLUME UP** or **VOLUME DOWN** during an active call to increase or decrease conversation volume respectively.

Call Waiting, 2nd Incoming Call and Privacy Call
To hold an active call:
• Press **ANSWER** button during an active call.

To release a call that is on hold:
• Press **ANSWER** button again to release the call from hold.

To receive another incoming call during a call:
• Press **ANSWER** button when hearing the incoming call ring tone during an active call.

Switching between handsfree and handset mode (Privacy Call):
• Activate the handset command on your phone to transfer between handsfree and handset during a call.

Note: Follow the documentation provided with your phone to access this setting.

Warning!!
It is illegal to use mobile phone while driving. Please check the law in your region. We do not recommend useing the handset whilst driving.

Voice Dial
To activate voice dial function on your phone:
• Press and hold End button for 3 seconds until you hear the voice dial activation sound from BHK9000. Then wait for the voice dial tone from your phone and speak the name clearly.

Note: Voice Dial is only applicable if your phone supports this function. Depending on your phone model you may need to record the voice tag in prior to using this function. Please refer to your phone manual or contact phone manufacturer for further information.

Further note on voice recognition: Voice recognition is a feature of your phone which enables you to dial a number by simply saying a pre-recorded "voice tag". This function is only applicable if your phone supports this function. Depending on your phone model you may need to record the voice tag in prior to using this function. Normally when you set a voice tag, you speak directly into the phone. When accessing this feature with the Car Kit, you may find it necessary to re-record the voice tag while you are in the car. This will set not only the way you say the voice tag, but also record a familiar background noise.

Since phones are in continual contact with the car kit, it is possible to use the Car Kit's microphone to record the voice tag. Locate the feature on your mobile phone, and when prompted for the voice tag, speak clearly and in normal speed.

This function accesses the voice recognition system in your phone. It can only work as well as the phone works with this feature, furthermore your phone must support this feature.

Resetting the Car Kit

If you are experiencing difficulty in connecting the phone with the car kit or if you would like to delete all the previously paired phones you can perform a master reset.

To master reset:

• Press and hold the **ANSWER** and **VOLUME DOWN** button at the same time. You will hear a tone (pairing mode), continue holding the buttons until you hear the second tone.

Troubleshooting

Issue	Solutions
My mobile phone will not connect to the BHK9000	• Ensure pairing procedure was followed correctly. • Ensure the Bluetooth function on your phone is enabled. • Ensure the car ignition is 'ON'. If 'ON' and no power please check the fuses and wiring. • Master reset the car kit and make another attempt. • Turn your phone 'OFF' and 'ON' again then try again. • If your phone is very new check the support website for an upgraded software version.
Call disconnects when attempting to adjust volume	• With some phones, adjusting the volume before the call is initiated will disconnect the call. Only adjust the volume after answering the call.
My phone cannot recognise my voice	• Does your phone support voice dial? • Ensure windows are closed when using voice recognition. • If your phone requires you to record a voice tag, please record the voice tag using the car kit. • If your phone supports independent voice recognition technology please speak clearly in normal speed.

For more trouble shooting information contact your place of purchase.

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Quick Reference Guide

Function	Operation	Environment
Enter the pairing mode	☎ + 🔊− Hold for 3 seconds	
Pairing passkey	1234	
Redial the last call made	☎ Hold for 3 seconds	
Answer an incoming call	☎	
End a current call	☎	During a call
Reject an incoming call	☎	
Volume up	🔊+	During a call
Volume down	🔊−	During a call
Voice dial activation	☎ Hold For 3 Seconds	
Handsfree to private call	Control From Your Phone	During a call
Private call to handsfree	Control From Your Phone	During a call
Call hold	☎	During a call
Call waiting	☎	When hearing a second incoming call

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