



CiD

Bluetooth



User Manual

www.cigblue.com



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Specifications

Product Specifications

Power supply voltage scope	DC 9 ~ 25 volts
Working temperature	-25°C ~ 75°C
Storage temperature	-35°C ~ 85°C
Current consumption	In Operation: • ACC ON (during charging + conversation)°800mA~1.5A(Max) / DC 12V In Static Mode: • ACC ON (during charging)°~ 800mA(Max) / DC 12V • ACC ON (mobile is not connected) °~ 180mA(Max) / DC 12V • ACC OFF °~ 0mA
Microphone (including amplifying circuit)	• Category: FT105A Directional • Sensitivity: 50dB ± 4dB tolerance • SN ratio: >55dB (Min) • Frequency response: 100 ~ 16 KHz
Amplifier output (loudspeaker drive)	• Output power: 5W RMS 35W (Max) • Impedance: 4 Ohm • Max output current: 2.6A • Max undistorted amplitude: 8Vpp
Mute Mode	LO_MUTE • Operating Current: 50mA (Max)
Bluetooth DSP	Full Duplex, Noise Reduction, Echo Cancellation
Bluetooth module	Conform to Bluetooth Headset Profile v2.0, v1.1
Transmission specification of each terminal	Terminal connecting to the vehicle bodyline > Batt: • Supply Voltage: 9 ~ 25 volts • Supply Current: 3A (Max)





Bluetooth

Operation

CiD Bluetooth Volume Control

Volume up is adjusted by a short press on the button. The volume will be increased by one step per second. Once you have found the desired volume level you press the button once more to select. Volume down is adjusted by 2 short presses on the button. The volume will be decreased by one step per second. Once you have found the desired volume level you press the button once more to select. On each end of the scale you will hear a beep. This means you have reached the lowest or the highest volume level you must press once to stop adjusting.

CiD Bluetooth Sound Quality

The system uses the highest quality components and latest full duplex DSP (digital signal processing) to give you the best possible sound quality for the caller and receiver. A few things must be remembered though to give you the best results:

a. Road Noise → The faster you drive the more background noise exists and the lower the sound quality will be for your caller. The system has excellent full duplex DSP to reduce the noise but closing your windows etc. will help.

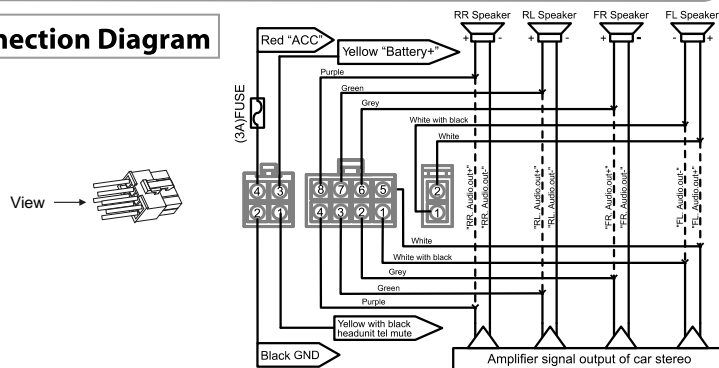
b. Echo Cancellation → The system has excellent Echo cancellation to prevent the callers from hearing themselves back through the kit. To give the best quality for your caller try and have the volume at the lowest level which you can still easily hear them. This helps reduce any echo effects.

c. Full Duplex → The system has excellent Full Duplex system to make it possible for both callers to hear each other talk simultaneously. It can happen that older mobile phones don't support full duplex. We advise to keep this in mind when you purchase a mobile phone.

d. Talk at a normal level → Some older phone systems you had to yell at the system for people to hear you. This system uses the latest in sensitive microphones to allow you to talk at a normal level. If you yell at the system then your voice will be reduced in volume by the DSP and you may even sound quieter. Just talk at a normal level and your caller will easily be able to hear you.

IMPORTANT If you arrive at your destination during a call, it may be necessary to transfer the call back to your handset. Normally the call will be transferred back to your handset automatically when you turn off your vehicle, it can happen with older mobile phones that the call gets disconnected. To avoid this from happening when you experience this, hold the CiG-Blue button for 4 seconds until you hear 2 beeps. (transfer to headset in page 3)

CiD Bluetooth Connection Diagram



Bluetooth

Quick-Start Guide

Bluetooth In-Car Hands Free System

Device ID	CiG-Blue #####
Pass Key	1234

Power On 	Turn On Bluetooth	When the vehicle is turned on, the last used paired cell phone will automatically connect to the CiG-Blue system. If the phone has not been paired, the CiG-Blue will enter pairing mode for the next 5 minutes.
Pairing 	Press and hold for 8 seconds 	Press and hold the button until you hear 3 beeps , after 8 seconds. Using your phone to complete the pairing, enter the Pass Key "1234".
Answer a Call 	Short button press	Just a short press of the button answers an incoming call.
Ending a Call 	Hold for 2 seconds 	To hang up, press and hold until you hear 1 beep after 2 seconds.
Reject a Call 	Hold for 2 seconds 	To reject an incoming call press and hold the button until you hear 1 beep , after 2 seconds.
Adjust the volume 	One short button press to start volume up. Two short button presses to start volume down. To stop Volume up/down press button once more.	During a call, the volume can be adjusted. Press button once to adjust volume up or press button twice to adjust volume down. Now the volume will adjust in 1 step per second. Once you have found the desired volume level you press the button once more to select. A tone sounds when you reach each end of the scale in this case you press once to stop the volume adjustment. If this is not the volume level you desire press once or twice to adjust volume adjustment in opposite direction.
Transfer to the Handset 	Hold for 4 seconds 	Press and hold the button until you hear 2 beeps after 8 seconds, to transfer the call between the CiG Blue hands free system and your handset.
Redial the last number 	Hold for 2 seconds 	In standby mode, press and hold the button until you hear 1 beep after 2 seconds to redial the last number.
Voice Dialling 	Short button press	In standby mode, a short tap of the button activates the voice dial feature on your cell phone.



Pairing Guide

Pairing your phone is simple, just follow these steps :

(The system can pair up to 10 phones)

1. Hold button down until you hear 3 short beeps, after 8 seconds
(This puts the system into pairing mode for 5 minutes)
2. Go to settings or connections in your phone menu.
3. Find Bluetooth menu.
4. Turn Bluetooth on.

Your phone will have a function like:

Search for new device → New → Handsfree Search

Depending on the phone, the selection will vary, select the function and the phone will search for the bluetooth kit.

Your Phone will then display all the bluetooth devices in the area. Select CiG-Blue. Enter the passcode 1234. The system will let out a positive beep to advise you are now paired.

IMPORTANT NOKIA USERS if you want the kit to connect automatically you must now select **Paired Devices** and select the **CiG-Blue** and change default to: **Device Authorised** → Yes, or **Conn Auth** → Yes or **Auto-Conn. Without Confirmation** → Yes
This allows your phone to automatically connect when you start the car.

Once you reached the maximum of 10 paired phones the next pair(s) will automatically replace the oldest pair(s)

CiD Bluetooth Pairing Troubleshooting

Can not find the Bluetooth menu	Please see the user manual of your phone for assistance on various phone models.
Phone will not pair	Sometimes phones have software problems and need to be reset. Please remove and reinstall your battery and try again. Try deleting all other devices from your phone and try again, as you may have exceeded the maximum number of connections for your handset.
I paired my phone but when I start the car, it does not connect automatically	See The Pairing Note for Nokia users.

CiG-Blue™ Bluetooth In-Car Handsfree System User Manual



Operation

CiD Bluetooth Connection

After you enter the car and turn the ignition on, the system will link with your phone automatically. If it is the first time you have connected or your phone was not the last to connect you have to reconnect using your connection menu in your mobile phone
(1 bluetooth menu, 2 handsfree/myhandsfree, 3 select CiG-Blue_****, press connect)

CiD Bluetooth Dial

a. Voice Dial → A quick press of the button activates the voice dial feature on your handset, and when ready the system lets out a "Bleep". Speak out the name of the person you wish to call. These names must be pre-recorded on the phone. Follow the instructions in your phone user manual on how to record the names. To cancel a voice dial press the button once more. If the phone has no voice dials or does not support voice dial you hear 4 negative beeps.

b. Dial a number → Enter the number you want to dial on the phone and press the dial button.

c. Redial → To redial a last called number, press and hold the button until you hear one beep after 2 seconds.

CiD Bluetooth Reject a Call

Hold the button down until you hear a beep after 2 seconds to reject an incoming call.

CiD Bluetooth Private Call

If you want to have a private call on your handset, after you answer the call simply press and hold the button until you hear 2 beeps after 4 seconds and the system will transfer the call to the handset. Press and hold the button again until you hear 2 beeps after 4 seconds to get the call back on the handsfree system.

CiD Bluetooth Disconnect from Kit

If you enter the car and you do not want any phone calls in hands free mode, just press and hold the button until you hear 2 beeps after 4 seconds and the kit will disconnect. When calls come in they will only be on your handset. To manually connect again, press and hold the button again until you hear 2 beeps after 4 seconds or restart the vehicle.

CiG-Blue™ Bluetooth In-Car Handsfree System User Manual

Warning:

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.

Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment. Any change to the equipment will void FCC grant.

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 or more 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.

The equipment complies with FCC radiation exposure limit set forth for uncontrolled Environment