

# **CIRCLE**

## **BLUETOOTH™ WIRELESS HANDSFREE CAR KIT**

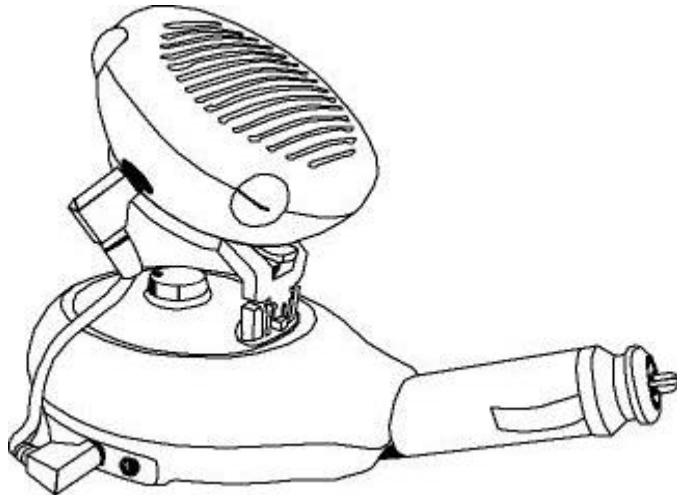
### **USER' S GUIDE (DRAFT 5B)**

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# **CIRCLE Bluetooth™ Wireless Hands Free Car Kit**

## **CIRCLE1000**



## **Introduction**

Your CIRCLE Bluetooth Wireless Hands Free Car Kit CIRCLE1000 is a handsfree communication device built on Bluetooth™ wireless technology which was designed and manufactured in accordance with Bluetooth specification v1.1. Bluetooth wireless technology is a global specification for personal area wireless connectivity to ensure communication compatibility worldwide. It was designed to connect Bluetooth equipped portable and stationary communication devices easily and without any cables.

This User's Guide shows you how to use your CIRCLE Car Kit with Bluetooth devices such as mobile phones. It also explains how to handle incoming and outgoing calls, call transfers, and adjusting the listening volume simply by using two buttons and the volume control.

## Finally, A True Handsfree Solution For Your Car\*\* Ultimate Convenience, Safety, and Security

Employing the latest Bluetooth technology, this revolutionary cellular phone handsfree car kit incorporates many features to help you send and receive important calls while driving, all without the need for any cords being attached to your phone!

***Bluetooth™ Wireless Technology*** - guarantees a secured signal for clear conversations- without the need for any physical connection between the phone and handsfree set.

***Clarity CVC™ Technology*** – CVC™ state of the art voice capture technology was designed in for clearest sound quality, typically found only in products costing hundreds of dollars more. CVC™ allows you to conduct full duplex, noise free conversation in the typically noisy car interior environment.

***Simply plug in and Set Up*** – Plug the handsfree module into the 12V Power Outlet Plug, connect the microphone and speaker, set your phone's Bluetooth channel, then press "Talk". It's that simple! You are now ready to go! No professional installation is required.

***Flexible placement options to suit your needs*** – Using the speaker extension cord and microphone clip provided, you can place the speaker or microphone virtually anywhere in your car to optimise performance, convenience or appearance.

***One touch to receive calls*** – with Bluetooth technology, your cellular phone can be used whether it is in your pocket or handbag. You will no longer need to locate your phone to receive incoming calls. Just press "Talk" button on your handsfree kit and you will be connected.

***Privacy jack*** – The handsfree module features a built in jack – make it easy to conduct a conversation in private.

*\*\*Note: You need to have a Bluetooth enabled phone or a phone with a Bluetooth adaptor connected to it.*

" BLUETOOTH is trademark owned by Bluetooth SIG, Inc., USA and licensed to Circle Communication Product Inc."

CVC is trademark owned by CLARITY LLC

## Feature Highlights

- Bluetooth Wireless Technology
- Clarity CVC™ Voice Capture technology
- Simple set up. No professional installation required
- Portable from vehicle to vehicle
- Flexible placement options for microphone and speaker
- One touch operation to receive calls
- Privacy Jack

## About Bluetooth

### Compatibility

You can use your CIRCLE Car Kit with any device that is compatible with Bluetooth wireless technology and supports the Headset Profile (as an audio gateway). To use your CIRCLE Car Kit together with a mobile phone, you must have a Bluetooth-enabled phone or a phone with a Bluetooth adapter connected to it.

### Definitions

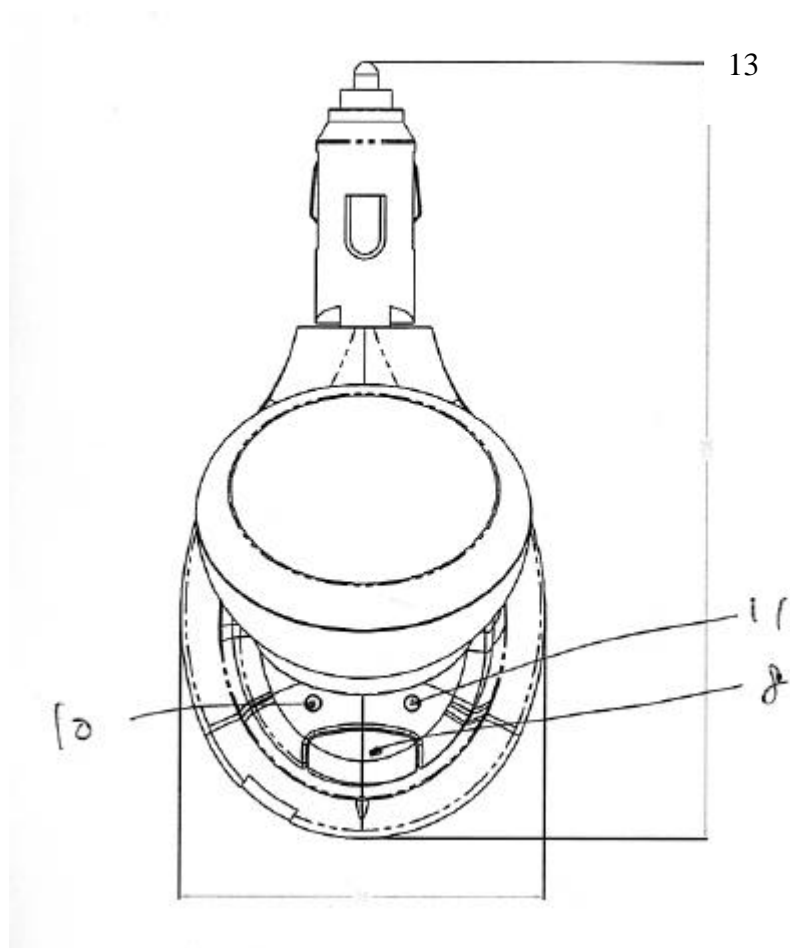
**1. Headset Profile** – Defined by the Bluetooth Special Interest Group (SIG), it describes how manufacturers should implement various features supported by a Bluetooth Car Kit.

**2. Audio Gateway** – The device that is the gateway of the audio, both for input and output. Typical Audio Gateways are mobile phones and personal computers.

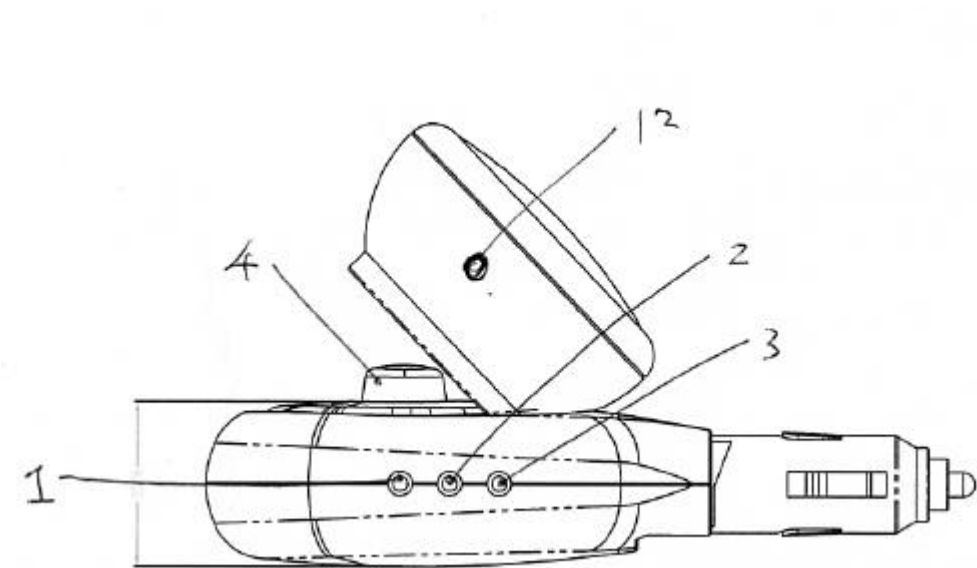
**3. Bluetooth Trademark** - The Bluetooth trademarks are owned by Bluetooth SIG, Inc. USA.

## Identifying the Parts

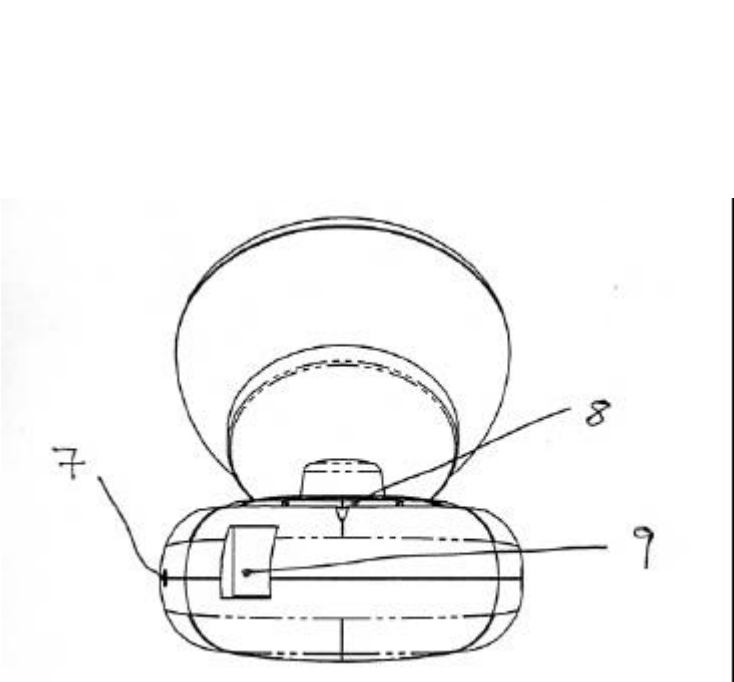
### Top View



Side View 1



Side View 2



Item	Description	Function
1	Earphone Jack	Connection to Earphone
2	Loudspeaker Jack	Connection to the Speaker via cable
3	External Microphone Jack	Connection to the External Microphone via cable
4	Volume Control Knob	Controls the listening volume of the Speaker
5	Speaker Jack	For connection to the body via Loudspeaker cable
6	Green Indicator Lamp	Power on indicator
7	Blue Indicator Lamp	Flashes when in pairing mode. Lights up when a call is in progress
8	TALK button	Answers incoming calls, terminates calls, or switches voice from Mobile Phone to handsfree car kit
9	Earphone volume control	Controls the listening volume of the Speaker
10	Mobile Phone Charger Jack	Connection for Charger Cable (optional) to charge Mobile Phones
11	PAIR button	Used for pairing with a Mobile Phone

## Package Contents

### Car Kit Packing Material

1. Car Kit (Main Body)
2. Speaker (Main Body)
3. External Speaker Rotate Mount
4. External Speaker Fix Mount
5. Microphone (With Cable Wire)

6. Speaker Connector Cable (Long Cable Wire)
7. Speaker Connector Cable (Cord Cable Wire)
8. Support Foam 4pcs (2 for speaker 28x13x12mm / 2 for microphone 28x13x4mm)
9. Microphone Mount Plate
10. User's Guide

## **Set-Up and Installation**

### **Quick Set-Up**

1. Plug your CIRCLE Car Kit module into the cigarette lighter socket of the car. Power on your CIRCLE Car Kit by following the instructions for powering the cigarette lighter or power socket in your vehicle. The Green indicator on your CIRCLE Car Kit should light up.
2. Plug the External Microphone into the external microphone jack on your CIRCLE Car Kit. (See instructions for mounting the External Microphone)
3. Plug the Speaker into the speaker jack on your CIRCLE Car Kit. (See instructions for mounting the Speaker)
4. If privacy mode is desired, plug the Earphone into the earphone jack on your CIRCLE Car Kit.
5. Pair your CIRCLE Car Kit with your mobile phone (See instructions on Pairing)

### **Mounting the External Microphone**

The CIRCLE Car Kit comes with a built-in microphone primarily used if frequently moving the Car Kit from vehicle to vehicle however, for better performance it is recommended that the external microphone be mounted on the dash, windshield pillar, overhead counsel or visor with adhesive tape. Reducing the distance between the vehicle operator's mouth and the microphone will generally result in better sound quality. Make sure the microphone is mounted pointing towards the vehicle operator's mouth.



## **Mounting the Speaker**

The CIRCLE Car Kit comes with a Speaker which can be connected directly to the body of your CIRCLE Car Kit, primarily used if frequently moving the Car Kit from vehicle to vehicle, or mounted externally in the vehicle. It is recommended that for better performance care should be taken to mount the Speaker in an appropriate location to provide good acoustical performance. Ensure that there is as much distance between the Microphone and Speaker as possible making sure that they are not pointed at or facing each other.

## **Pairing**

### **Bluetooth Passkey**

The process of creating a secure relationship between two Bluetooth devices is called “Pairing” (see next section). Pairing prevents the use of an unauthorized Bluetooth device with your CIRCLE Car Kit. A Bluetooth Passkey (or PIN) is used to Pair the CIRCLE Car Kit with another Bluetooth device and create a secure relationship between them.

Each Car Kit has a default Passkey [0000], which is stored in its internal memory. Whether you need to input the pass-key during pairing depends on the kind of Bluetooth phone that your CIRCLE Car Kit will be connected to.

If you plan to use your CIRCLE Car Kit with a Bluetooth mobile phone or other device with built-in Bluetooth capability, you will probably be required to enter the CIRCLE Car Kit Passkey on that device during pairing. Please refer to the user’s guide of the other device for specific Pairing instructions.

### **Pairing your CIRCLE Car Kit**

Before using your CIRCLE Car Kit with a Bluetooth-enabled device for the first time, you must Pair your CIRCLE Car Kit with that device.

Different devices may require different pairing procedures. The pairing procedure for your CIRCLE Car Kit is described in this user’s guide. Please refer to the user manual of the other

device for specific pairing instructions.

To complete the pairing process you will need to enter the correct CIRCLE Car Kit Passkey when required by the other device.

The CIRCLE Car Kit shall remember the most recent paired device only.

## **Pairing your CIRCLE Car Kit with the Phone**

1. Activate the Bluetooth function in the phone. If necessary, please refer to the user manual of the phone for specific pairing instructions.
2. Plug your CIRCLE Car Kit into the cigarette lighter socket in the vehicle. The Green indicator lamp should be on.
3. Press and hold the PAIR button on your CIRCLE Car Kit for six seconds until the Blue indicator lamp flashes. Your CIRCLE Car Kit is now ready for pairing. Make sure your CIRCLE Car Kit and the phone are not too far apart, (i.e. within 30 feet or 10 meters of each other).
4. Initiate Bluetooth pairing in the phone to pair it with your CIRCLE Car Kit. Please refer to the user manual of the phone for specific pairing instructions.
5. When asked by the phone, enter your CIRCLE Car Kit Passkey and then confirm, if necessary. If pairing is successful, your CIRCLE Car Kit will now be ready to use.
6. If, pairing is unsuccessful, after approximately two minutes the blue indicator of Car Kit will be off. Previous pairing (if any) will be erased. You may need to repeat steps 2 to 4 until pairing is successful. (Note: Before pairing with a Bluetooth mobile phone, it is recommended to first reset the phone by turning it off then on again).

## **Adjusting the Speaker Volume**

To adjust your CIRCLE Car Kit listening volume during a call use the VOLUME control knob.

## **Placing and Receiving Calls**

All of the instructions below pertaining to use of the CIRCLE Car Kit with a mobile phone apply only to Bluetooth enabled mobile phones which have already been paired with your

CIRCLE Car Kit (see pairing instructions above).

## **Placing a Call using a Bluetooth enabled mobile phone**

1. Make sure the phone is turned on, that your CIRCLE Car Kit has been plugged into the cigarette lighter socket with power on, and that the phone and Car Kit are within range of each other.
2. If the mobile phone supports voice dialing, press the TALK button of your CIRCLE Car Kit once. After hearing a beep from your CIRCLE Car Kit, you can voice dial as you normally would do.
3. If the mobile phone does not support voice dialing, enter the number to be called using the phone's keypad or recall it from the phone's memory as you normally would do.
4. After the call has gone through it should transfer to your CIRCLE Car Kit automatically.
5. To end the call press the TALK button of your CIRCLE Car Kit once.

## **Answering a Call using a Bluetooth enabled mobile phone**

1. When you hear your CIRCLE Car Kit ring, press the TALK button of the CIRCLE Car Kit once.
2. If you hear the phone ring first, wait until your CIRCLE Car Kit rings, then press the TALK button of the CIRCLE Car Kit once.
3. To end the call press the TALK button of your CIRCLE Car Kit once or press the NO key (or any key with equivalent function) on the phone.

## **Call Transferring from a Bluetooth Mobile Phone to the CIRCLE Car Kit**

1. At any time during a call you can transfer it from your phone to your CIRCLE Car Kit. Make sure that your Car Kit has been paired with the phone.
2. To transfer the call from the phone to your CIRCLE Car Kit, press the TALK button of your  
CIRCLE Car Kit once.

**Note:** Make sure the Bluetooth function in the mobile phone has been activated.

## **Call Transferring from the CIRCLE Car Kit to a Bluetooth Mobile Phone**

To transfer a call from your CIRCLE Car Kit to the phone please refer to the user manual of the phone for specific instructions.

## **Privacy Mode**

1. For private conversations, connecting a Nokia 8390 compatible earphone to the earphone jack on your CIRCLE Car Kit will disable the external Speaker and put your CIRCLE Car Kit into privacy mode.
2. When switching to Privacy Mode first adjust the volume control knob of your CIRCLE Car Kit to its minimum setting.
3. Speak in the direction of your CIRCLE Car Kit microphone and listen through the Earphone.
4. To return to normal hands free mode, unplug the earphone and re-adjust the volume of your CIRCLE Car Kit to the desired level.

## **Charging your Mobile Phone: (Optional)**

Charging your mobile phone while using the CIRCLE Car Kit requires an optional adaptor cable. Make sure the correct adaptor cable for your mobile phone is used. When the proper adaptor cable is connected, the charging cycle begins automatically.

## **Troubleshooting**

This section lists the most common problems you might encounter while using your CIRCLE Car Kit

### **No Sound**

Your CIRCLE Car Kit and the phone you are using with it have to be paired to recognize each other.

They also have to be within range of each other. Make sure your CIRCLE Car Kit and the phone you are using it with are no more than 10m./30ft.apart with no solid objects in between. Re-check the cable connections for the external microphone and speaker.

**Pairing Unsuccessful**

If pairing has not succeeded after several attempts you may have to re-set your CIRCLE Car Kit. To re-set your CIRCLE Car Kit, first unplug it from the cigarette lighter socket and then plug it in again. The Green light should be on when there is power from the cigarette lighter socket. After re-setting the CIRCLE Car Kit try the pairing procedure again.

**Some Car Kit Functions Do Not Work**

If you notice that you can't make use of all the features in your CIRCLE Car Kit please check that your mobile phone has the right software version.

**If there is an Echo**

Try relocating the microphone and/or Speaker and adjusting the volume of Speaker

# Important Consumer Information

*(Note: Please read all this information before using your Bluetooth Car Kit)*

1. Check for any national or local requirements, limitations, exceptions or rules on the usage of this Bluetooth Car Kit or any other Bluetooth devices.
2. Check the laws and regulations on the use of mobile phones and/or handsfree equipment in the areas where you drive.
3. Please note that only a CIRCLE authorized dealer or service partner should remove and/or replace any components.
4. Please use only CIRCLE original accessories. Use of non-CIRCLE original accessories may result in damage to the product, loss of performance, injury, electric shock or even fire.
5. Please do not expose the product to extreme high or low temperatures, moisture or fluids.
6. Please do not drop, throw or bend the product as rough treatment will damage it.
7. If you do not intend to use your CIRCLE Car Kit for an extended period of time, please store it in a place that is free from moisture, dust, and extremes of temperature.
8. RF frequency and energy may affect certain electronic systems in a motor vehicle. Please check with the manufacturer of your vehicle to ensure that your CIRCLE Car Kit will not affect the electronic systems in the motor vehicle.
9. Certain medical electronic equipment may not be shielded from RF energy. Therefore, please do not use your CIRCLE Car Kit near medical equipment without requesting permission.
10. Please do not allow children to play with your CIRCLE Car Kit since it contains small parts.
11. When connecting your CIRCLE Car Kit with a mobile phone or any electronic device using radio frequency signals it is not possible to guarantee that a connection will be maintained under all conditions or circumstances. Therefore, please never rely solely upon your CIRCLE Car Kit for essential or emergency communications.

## Disclaimer

The information contained in this User's Guide from CIRCLE Technology Ltd. is published without any warranties either expressed or implied. Improvements and/or changes to this User's Guide necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made by CIRCLE Technology Ltd. at any time and without notice.

**FCC Statement**

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.

**Caution:**

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Product manufactured by Hong Kong Communication Equipment Co., Ltd.

**IMPORTANCE NOTICE:**

To comply with FCC RF exposure compliance requirements, the antenna must be installed to provide at least 20cm separation distance between the antenna of the is device to all people.