

# ***On Call*® *Bluetooth*® Adapter**

## **User's Manual (iOS)**

REF	G124-15A
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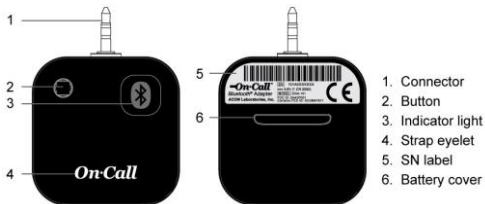
English
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**Welcome, and Thank you for choosing the *On Call*® *Bluetooth*® Adapter.** *On Call*® *Bluetooth*® Adapter uses *Bluetooth*® Core Specification version 4.0 technologies for rapid build-up of simple links. *Bluetooth*® 4.0 version aimed at very low power applications running off a coin cell with a long distance of data transfer. Our *On Call*® *Bluetooth*® Adapter is intended for our *On Call*® Blood Glucose Monitoring System (BGMS) users who want to monitor their glucose levels remotely. In this manual The *On Call*® *Bluetooth*® Adapter provides a wireless *Bluetooth*® connection between your Apple iOS mobile device and your *On Call*® BGMS. So you can enjoy the comfortable and convenient data processing after blood glucose data transfer.

Before using, read the instructions carefully.

- Please refer to user's manual of *On Call*® BGMS to learn about all the components this *Bluetooth*® Adapter works together.
- Use only *On Call*® BGMS and Apple iOS mobile device with the *On Call*® *Bluetooth*® Adapter.
- Keep out of reach of children.

## On Call<sup>®</sup> Bluetooth<sup>®</sup> Adapter Overview



## BGMS and Device Compatibility

*On Call*<sup>®</sup> BGMS: All *On Call*<sup>®</sup> meters with data transfer function.

Compatible devices: Apple iOS mobile device: iphone4s, iphone5, touch4s and itouch5

## Replace the Battery

One CR 2032 3.0V Coin Cell Battery has been preinstalled in the adapter. Please turn over the adapter and pull out the preinstalled insulation sheet to start use.



The Red indicator light will flash when the battery is low, it can be used for only very short time from then on, please replace the battery as soon as possible according to the following steps:

1. Turn over the adapter and slide the battery cover off the adapter
2. Insert one CR 2032 3.0V coin cell battery into the battery carrier. Make sure it is aligned with the Plus (+) side facing up.
3. Slide the battery cover back on and make sure that it snaps shut.



**Note:** Your battery will last longer if you remove it when you will not be using your *Bluetooth*<sup>®</sup> Adapter for a month or longer.

**Warning:** Only use Lithium CR 2032 3.0V coin cell battery. Using any other type of battery may cause an explosion.

## Using your *On Call*<sup>®</sup> *Bluetooth*<sup>®</sup> Adapter

The *On Call*<sup>®</sup> *Bluetooth*<sup>®</sup> Adapter is designed to be simply operated with only one control button. Button will provide alternative operations depending on the color and the duration of the time they it is pressed.

### 1. **Turning the *Bluetooth*<sup>®</sup> Adapter on and off**

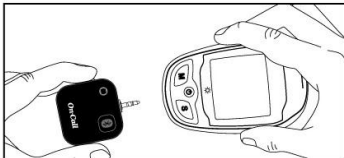
To turn the adapter **on**, press the button briefly.

The *On Call*<sup>®</sup> *Bluetooth*<sup>®</sup> Adapter will shut itself **off** automatically after finishing the data transmission or 2 minutes after last action.

### 2. **Pairing with your mobile device**

Before you can start using the *Bluetooth*<sup>®</sup> adapter, you need to connect it to your *On Call*<sup>®</sup> Blood Glucose Meter.

- 1) Inert the headphone plug of your *Bluetooth*<sup>®</sup> Adapter into the headphone jack of your *On Call*<sup>®</sup> Blood Glucose Meter.



- 2) When the "PC" symbol appearing on screen of meter, it comes into data transmission mode.



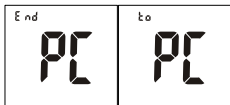
**Note:** If the meter does not show "PC" symbol, please refer to the relevant User's Manual of blood glucose meter and coordinate with meter buttons to display the "PC" symbol on the screen.

- 3) Press button to start the automatic pairing with *Bluetooth*<sup>®</sup> Adapter and iOS device.

**Warning:** Connect *On Call*<sup>®</sup> *Bluetooth*<sup>®</sup> Adapter **ONLY** to *On Call*<sup>®</sup> BGMS. Connecting it to any other device may make your readings inaccurate or damage one or both devices. Do not touch the metal part of the headphone plug of the *Bluetooth*<sup>®</sup> Adapter by your hand.

### 3. Data transmission

- 1) After your iOS device finding and pairing with *Bluetooth*<sup>®</sup> Adapter, press command of "receiving data" in iOS interface.



- 2) Meter is displaying “to” and “PC” to indicate the data transmission to *Bluetooth*<sup>®</sup> Adapter, when the Green indicator light on *Bluetooth*<sup>®</sup> Adapter flashes every 1 second.
- 3) When the Meter appears “End” and “PC” the pairing is complete.
- 4) The *Bluetooth*<sup>®</sup> Adapter is transferring data to iOS device when the Green indicator light of the *Bluetooth*<sup>®</sup> Adapter flashes every 0.3 seconds.

**Warning:** Do not put the *Bluetooth*<sup>®</sup> Adapter on a metal surface or in a metal box or enclosure. This may affect its ability to send data.

## Indicator Light and Instruction Card

Indicator light	Work Mode
Green indicator light flashes every 1 second	Working mode
Green indicator light flashes every 0.3 seconds	Wireless transmission
Red indicator light flashes every 1 second	Low battery

## Help Information

Aconlab: ACON Laboratories, Inc.  
10125 Mesa Rim Road  
San Diego, CA 92121, USA

Web: <http://www.acondiabetescare.com>

Phone: 1-858-875-8000

E-mail: [DC.techsupport@aconlab.com.cn](mailto:DC.techsupport@aconlab.com.cn)

## Adapter Use and Precautions

1. Always store your *On Call*<sup>®</sup> *Bluetooth*<sup>®</sup> Adapter with power off and safely protected.

- Keep your adapter dry and avoid exposing it to extreme in temperature, keep it away from heat and direct sunlight. Storage at high temperatures (above 45°C / 113°F) can degrade performance and reduce battery life. Storage at low temperatures (down to -10°C / 14°F) will shorten battery life and may affect operation.
- Do not expose your *On Call® Bluetooth®* Adapter to water or other liquids.
- Never operate this device in an area where there is a risk of explosion. Using electrical equipment in the presence of flammable anesthetics or oxygen may cause an explosion.
- Do not take the adapter apart. Taking the adapter apart will void the warranty.

**Note:** Follow proper precautions and all local regulations when disposing of the Adapter and used batteries.

## Maintenance

Your *On Call® Bluetooth®* Adapter does not require special maintenance or cleaning. A cloth dampened with water and a mild detergent solution can be used to wipe the outside the adapter. Take care to avoid getting liquids, dirt, blood or control solution into the adapter.

*On Call® Bluetooth®* Adapter is a precision electronic instrument. Please handle it with care.

## Specifications

Feature	Specification
<i>Bluetooth®</i> Version	Version 4.0 ( <i>Bluetooth®</i> low energy)
On/Off Source	Lithium CR 2032 3.0V coin cell battery
Transmission Range	Range up to 10 m (33 feet)
Transmission Data Time	Less than 6 minutes
Adapter Size	38*38*13mm
Adapter Weight	≈16 g (Including battery)
Storage Temperature	-25~+55°C
Operating Temperature	+5~+45°C
Operating Relative Humidity	10 ~90% (Non-condensing)

## Troubleshooting

What's wrong?	Causes	Solutions
Green indicator light doesn't come	Battery is exhausted	Change battery
Cannot pair with your iOS device	The <i>Bluetooth</i> <sup>®</sup> of your iOS device is not in the discoverable state	<ol style="list-style-type: none"><li>1. Confirm the <i>Bluetooth</i><sup>®</sup> of your iOS device is in discoverable state</li><li>2. Restart the <i>Bluetooth</i><sup>®</sup> of your iOS device.</li></ol>
Red indicator flash	Battery voltage is too low	Change battery
Data cannot upload from Meter to <i>Bluetooth</i> <sup>®</sup> .	Connector is not connected correctly or improper meter type used.	<ol style="list-style-type: none"><li>1. Reconnect the connector.</li><li>2. Confirm the meter type is compatible.</li></ol>

## Certification and Safety Approvals

### FCC

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 Caution:** To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 user must place the distance (20cm) or more from any personnel in order to comply with FCC RF exposure requirements.

**FCC ID: 2AA3K001**

**CE**

This product is CE marked according to the provisions of the R & TTE Directive (1999/5/EC).

Hereby, **ACON** declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



For further information please consult <http://www.acondiabetescare.com>



Please note that this product uses radio frequency bands not harmonized within EU.


**Bluetooth®**

The *Bluetooth*® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by **ACON** is under license. Other trademarks and trade names are those of their respective owners. **Bluetooth QD ID BXXXXXX**


## REFERENCES

	Consult instructions for use
	Authorized Representative

	Model Number
	Catalog #

	Manufacturer

 **ACON**®

 **ACON Laboratories, Inc.**  
10125 Mesa Rim Road  
San Diego, CA 92121, USA  
[www.acondiabetescare.com](http://www.acondiabetescare.com)

 **MDSS GmbH**  
Schiffgraben 41  
30175 Hannover, Germany



Number: XXXXXXXXXXXX

Effective Date: 2013-XX-XX



## Warranty

Please complete the warranty card that came with this product and mail it to your local distributor to register your purchase.

If the adapter fails to work for any reason other than obvious abuse within the first one (1) years from purchase, we will replace it with a new adapter free of charge. For your records, also write the purchase date of your product here.

Date of purchase: \_\_\_\_\_

**Note:**

- i. This warranty applies only to the adapter in the original purchase, and does not apply to the battery supplied with the adapter.
- ii. Changes made to the product, unless expressly approved by **ACON** could void the user's license for and the warranty of the device.