

# User Manual

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For Carbonado UA400 Handset with Android OS

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## 1. General Information

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Welcome to the world of Carbonado Rugged phones. This phone works as a Wi-Fi only device and has an intuitive, feature-rich user interface, which allows you to make the best use of the available functions

### *1.1 Phone Model Covered:*

This user guide covers the Carbonado UA400 phone model. The phone model name can be read on the phone label under the battery.

### *1.2 Network Services:*

Your Carbonado device is equipped to work only for PoC service with Wi-Fi network. To make the best of these services, you must subscribe to the Wi-Fi services through Operator and obtain instructions on how to use Wi-Fi on your device.

### *1.3 UA400 Support Information:*

If your device needs any product support, please contact Carbonado support [+1-972-665-0200](tel:+1-972-665-0200). For online support information, contact us at [carbonado\\_support@kodiaknetworks.com](mailto:carbonado_support@kodiaknetworks.com).

### *1.4 Safety Guidelines :*

Please read and understand the following safety guidelines before you use the phone. These guidelines provide details to enable you in operating your phone safely and conform to any legal requirements regarding the use of Carbonado phones.

#### Disposal of Stale Electrical and Electronic Equipment



The symbol of the crossed-out wheeled bin indicates that within the country of the United states of America, this product, and any enhancements marked with this symbol, cannot be disposed as unsorted waste but must be taken to separate collection at their end-of-life.

#### Disposal of Battery



Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

## Guideline for Headphone and Earphone



To prevent possible hearing damage, please do not listen at high volume levels for long periods.

### Warning !



Avoid actions that could cause injury to yourself or others

### Caution



Avoid usage of the device in situations that could cause damage to your device or other equipments

## *1.5 Precautions to Use the Battery:*

A rechargeable battery powers your device. Use the battery only for its intended purpose. Never use any charger or battery that is damaged. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made. The full performance of a new battery is achieved only after three to four complete charge and discharge cycles. You can charge the battery several times but it will eventually wear out. Unplug the charger from the electrical plug and the device when not in use. Ensure that you do not leave the fully charged battery connected to a charger. If left unused, a fully charged battery will lose its charge over time.

## *1.6 Battery Replacement:*

When the talk and standby times are noticeably shorter than normal, replace the battery with an original Carbonado battery. If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

## *1.7 Avoid High Temperatures:*

If you leave the battery in hot or cold places, such as in a closed car in summer or winter conditions, it will reduce the capacity and lifetime of the battery. For best results, try to keep the battery between -20°C and +55°C (-4°F and 131°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures below freezing.

### *1.8 Child Safety:*

Do not allow children to use your mobile phone or its accessories. Keep it out of their reach. They could hurt themselves or others, or could accidentally damage the mobile phone or accessories. Your mobile phone and its accessories may contain small parts, which could be detached and create a choking hazard for your child.

### *1.9 Emergency Calls:*

Carbonado phones operate using Wi-Fi radio signals, which cannot guarantee connection under all circumstances. Therefore you should never solely rely upon any mobile phone for essential communications (e.g. medical emergencies). Emergency calls will not be possible as this is Wi-Fi only device.

## 2. Getting Started

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The following topics give you all the information needed to set up your phone for the first time.

### *Setting Up Your Phone:*

Refer to the following sections to insert and charge the battery and set up the phone. To change the battery you can use the key supplied along with the device, in the absence of the key you can also use screw driver.

### *Inserting the Battery:*

Complete the following steps to insert a Carbonado battery into your UA400 phone.

1. Rotate both battery cover screws in counter clockwise direction (as shown in the figure). You can use a key/screwdriver set. Sometimes the screws may be tight and extra effort is required to open them.
2. Lift the battery cover to view the battery slot.
3. Insert the battery and push it into the battery slot such that the three metallic contacts at the bottom of the battery are aligned with the metallic contacts within the battery compartment.
4. Close the battery cover. Rotate the battery cover screws in clockwise direction. You can use a key/screwdriver to tighten the screws. Ensure not to over tighten.



## Removing the Battery:

Complete the following steps to remove the Carbonado battery from your UA400 phone.

1. Rotate both battery cover screws in counter clockwise direction (as shown in the figure). You can use the key/screwdriver to open the back. Sometimes the screws may be tight and extra effort is required to open them.
2. Lift the battery cover to view the battery slot.
3. Raise the upper end of the battery from the slot and remove the battery.
4. Close the battery cover. Rotate the battery cover screws in clockwise direction. You can use a key/screwdriver to tighten the screws. Ensure not to over tighten.



## Charging the Battery:

The battery provided with your mobile phone does not come fully charged. We recommend that you charge the phone at least for five hours before you use it for the first time.

**Note:** With a fully charged battery, the phone can remain in standby mode for up to 800 hours. If the battery is completely out of charge, the charging icon appears only after several minutes when the charger is connected.



**Do not use an incorrect battery type as it may cause explosion.**

Complete the following steps to charge the phone battery.

1. Plug the charger into a power outlet.

2. The charger port is located at the bottom of the phone. To access the charger port, lift the cover with the USB sign. Insert the Micro USB connector into the port and insert the other end of the USB cable into the charger.



Alternatively, you can charge the phone with your PC. Insert the Micro USB connector USB cable into the charger port of the phone and insert the other end of the cable into a USB port on your PC.

3. If the battery is being charged when the phone is switched off, only the battery icon is displayed (as shown in the figure).



If the battery is being charged while the phone is switched on, you will notice that the bars in the battery charge icon (visible on the home screen) show movement indicating that the battery is being charged. After the phone is fully charged, the battery bars on the display stop scrolling. At this point, you can disconnect the phone from the charger.



### 3. Basics of your Phone

Your phone comes with features that simplify your life and expand your ability to stay connected to the people as well as information that are important to you. Refer to the following sections to understand the basic functions and features of your phone.

#### *Carbonado UA400 Layout:*

The Carbonado UA400 comes with a single LCD screen. The TFT technology used screen displays 262K colors. The Carbonado UA400 keypad has 11 function keys and 12 alphanumeric keys. The left side of the phone has one key for PTT application and the right side of the phone has three keys, twin keys at the top are used to control the volume and a single red key at the bottom used for sending SOS . The battery and the speaker are located at the back side of the phone. For more information refer to the following sections.

#### *Carbonado UA400 Front Layout:*

The following image provides the details of the front layout of your Carbonado UA400.



### *Carbonado UA400 Back Layout:*

The following image provides the details of the layout at the back of your Carbonado UA400.



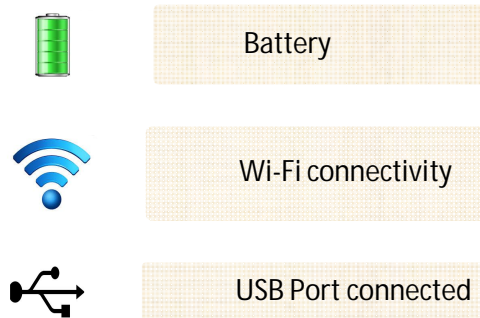
### *Switching ON your Phone for the first time*

Press and hold the **Power ON/OFF** key provided at the top for two seconds to power on the phone. When the phone is switched on, it tries to register with the nearby Wi-Fi network. In some cases you may have to provide the Password for the Wi-Fi connectivity that you want to choose. After successful registration, the Wi-Fi symbol is displayed on the status bar at the top of your home screen.

### *Home Screen Indicators:*







The home screen indicators are visible in the status bar at the top of the home screen when the phone is in standby mode. Some icons indicate the status of certain functionalities of the phone, for example, the battery charge indicator, the Wi-Fi network status indicator, time etc. Some icons are displayed only if the specific services are activated.








The following table describes the display indicators in the status bar of the home screen in the your phone.



### Keypad Functions:

The following table displays the various keys and the corresponding functions they perform:

<b>Keys</b>		<b>Description</b>
Center navigation key		<i>To select an application/action/Enable Keypad</i>
Left Selection Key/ Menu Key 		<i>To select an application/action</i>
Right Selection Key 		<i>To move back from any application</i>
Call/Accept/Send Key(Green Key) 		<i>To make PoC calls/ send IPA's</i>
Call disconnect Key (Red Key) 		<i>To disconnect the call</i>
Up navigation key		<i>To move up by selection</i>
Down navigation key		<i>To move down by selection</i>
Right navigation key		<i>To move right by selection</i>
Left navigation key		<i>To move left by selection</i>
* (Applicable only for PTT applications)		<i>To reach top of the list</i>
# (Applicable only for PTT applications)		<i>To reach bottom of the list</i>
Side PTT key 		<ul style="list-style-type: none"> <li><i>To launch PTT application</i></li> <li><i>PTT floor control</i></li> </ul>

Right volume keys 	<i>To increase or decrease volume</i>
SOS 	<i>Non-functional</i>
Power Key 	<i>Power key is also used for screen wake up/ screen turn off</i>
Head set Jack 	<i>To insert Head Phone jack</i>
Home Key 	<i>Home Key to reach Home screen</i>
Clear Key 	<i>To clear the edited text</i>
USB / Charger Port 	<i>USB connectivity and charger port</i>

## *Carbonado*

### *Wi-Fi Mobile Phone: UA400*

#### **FCC Regulations**

● 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

(2) This device must accept any interference received, including interference that may cause undesired operation.

● This device 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 radiated 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.

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

#### **RF Exposure Information**

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.