

# Orion

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Brand Name: POSH

Model Name: S450

FCC ID: 2ABN6POSHS450

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## 1. PREFACE

This user manual has been specially designed to guide you through the functions and features of your phone. The policies and procedures are provided in this user manual to guide you for a better use. KENBO Mobile reserves the right to modify the policies, procedures, benefits,

working conditions and other contents described in this user guide any time for any reason without prior notice.

## **ATTENTION AND PRECAUTIONS**

**Please read the contents carefully to ensure safety and correct use.**

### **For Your Safety**

Obey all instructions in restricted areas where the usage of wireless phone is prohibited. Failure to comply with legal requirements and local restrictions may be dangerous and illegal.

Always prioritize road safety. Avoid using mobile phone while driving. Obey all regulations where there is restriction on mobile phone usage.

Comply with all the rules and regulations where mobile phone use is restricted like refuelling point, near fuel, chemicals, or blasting area.

Mobile phones may interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm. (9 inches) between the phone and pacemaker. When using the mobile phone hold it to the ear which is furthest away from the pacemaker. For more information, consider to ask directions from medical personnel.

All wireless phones may cause interference in the vicinity of TV, radio and PC which could affect its performance.

Use only approved KENBO Mobile charger. The main voltage (V) specified on the power supply unit must not be exceeded. Otherwise the charging device may be damaged. The power supply must be plugged into an easily accessible AC main power socket when charging the battery. Unplug the charger to turn off the charging device.

Repair of this product is only allowed by authorized personnel. Allowing unqualified personnel to service your phone may cause damage to your phone and will void your manufacturer's warranty.

The mobile phone, battery and charger are not water resistant. Keep it dry always.

Read carefully the user guide when connecting your device with other product to ensure safe and correct usage. Connecting it to the incompatible products may cause damage to your phone and injury.

Use only approved batteries and accessories. Avoid connecting it to the incompatible products.

### **Security Requirements**

Obey all the rules and regulations of the local laws about the use of wireless mobile phones to ensure safety of practical use.

Traffic Safety-Drive safely at all times! Obey all the regulations for traffic safety. Do not use your mobile phone while driving.

Flight Safety- Please turn off your mobile phone while inside the airplane to avoid interference. Using mobile phone before the plane takes off should get aircrew's permission according to safety regulations.

Environment Safety- Avoid using your mobile phone near precision electronic and medical equipments Radio Wave interference may cause malfunction of its operation. Do not use your phone in a potentially dangerous atmosphere. Please strictly observe with the restrictions on the use of wireless devices.

## **Maintenance**

Battery instructions

For the first few times, please charge the battery fully. Overcharging may shorten the battery life. Unplug the charger from power source when not in use. If left unused, a fully charged battery will lose its charge over time.

Do not expose your products to extreme high or low temperatures. Extreme temperatures reduce the capacity and lifetime of the battery. Please put the battery in a cool and well-ventilated place.

*Caution:*

- Using incompatible batteries may harm the phone.
- Dispose of used batteries according to the local and environmental laws and guidelines.
- Operating temperature range: -10 °C ~ +55 °C
- Do not use damaged battery and chargers. Use indoor chargers only.
- Do not expose your mobile phone to direct sunlight or in hot areas. High temperatures can shorten the life of electronic devices.
- Do not expose the battery into fire or throw it away. Return the wear-out battery to the provider or recycle when possible. Do not dispose as household waste.

*Follow these guidelines to protect your products:*

- Keep the products out of reach of small children.
- Keep your product dry. Do not expose it to liquid or moisture.
- Do not short-circuit the battery, as this can cause excessive heat as it may explode.
- Do not expose your mobile phone to direct sunlight or in hot areas. High temperatures can shorten the life of electronic devices.
- Do not attempt to disassemble the mobile phone and battery by yourself. Non-expert handling may cause damage to your phone.

## **2. Getting Started**

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### **2.1 Keys and Parts**



**The Symbols above indicate:**

<b>1.</b> End Key / Power Key	<b>5.</b> Home Key
<b>2.</b> Volume Key	<b>6.</b> Return key
<b>3.</b> Screen	<b>7.</b> Camera
<b>4.</b> Menu key	<b>8.</b> Battery Cover

## 2.2 Keypad Definition

Key	Definitions
<b>End Key/ Power Key</b>	1. Mainly used as power on/off. 2. Press to return to standby screen in any interface. 3. End calls or reject incoming calls.
<b>Volume Keys</b>	1. Increase and decrease the volume.
<b>Menu key</b>	1. Option function. 2. Shortcut to manage application and settings of home screen.
<b>Home Key</b>	1. Press return to standby interface. 2. Long press to enter recently used applications.
<b>Return Key</b>	1. Press this button to return to the previous interface, or close the dialog box, menu, or inform the panel screen keyboard.

## **2.3 Using the touch screen**

Understand the basic actions to use the touch screen.

- In order to avoid scratching the touch screen, do not use sharp tools.
- The prohibition of touch screen in contact with other electronic equipment. Electrostatic discharge will lead to touch screen fault.
- The touch screen has a detecting layer, can detect weak charge from the body. For best results, please use the fingertip touch screen click. If using a stylus or pen sharp tool operation, touch screen can not be in normal reaction.
- Slide up, down, left or right in the screen or scroll browser.

## **2.4 Set screen lock and unlock in the home screen**

### **2.4.1 Slide to unlock**

In the standby mode, open up the application list, select settings > security > set screen lock > slide.

In screen locked case, a sliding lock icon to the right to unlock and slide to the left for camera interface.

### **2.4.2 Set unlock pattern**

In the standby mode, open up the application list, select settings > security > set screen lock > pattern.

- Follow screen tips and sample pattern and the selection.
- Drag fingers to connect at least 4 points and draw a pattern.
- Confirm draw patterns.
- Press power key to lock.
- Draw the pattern to unlock.

### **2.4.3 Set unlock PIN code**

In the standby mode, open up the application list, select settings > security > set screen lock > pin.

- Input PIN code (numeric) at least 4 characters and choose to continue.
- Confirm input PIN code.
- Press power key to lock.
- Enter your PIN code to unlock.

### **2.4.4 Set password to unlock**

In the standby mode, open up the application list, select settings > security > set screen lock > password.

- Set a new password (alphanumeric) at least 4 characters and choose to continue.
- Confirm your password again and select ok.
- Press power key to lock.
- Enter your password to unlock.

## **2.5 Linking to Networks and devices**

Your phone can connect to a variety of networks and devices, including mobile networks for voice and data transmission, Wi-Fi data networks, and Bluetooth devices. You can also connect

your phone to a computer, to transfer files from your phone memory card and share your phone mobile data connection via USB.

### **2.5.1 Connecting to Mobile networks**

When you assemble your phone with a SIM card, your phone is configured to use your provider's mobile networks for voice calls and for transmitting data.

#### **2.5.1.1 SIM Card**

Insert valid SIM card (Subscriber Identity Module) before using the device.

All information related to the reach of the network is recorded in the chip of SIM card, including the name, phone number and messages stored in the SIM card contacts. In case of losing or damaging SIM card information, users should avoid touching the metal touching side and keep SIM card away from electrical and magnetic field.

#### **2.5.1.2 Inserting and Removing the SIM Card**

Switch off the device and other external power supply.

Insert the SIM card into the card slot.

Please switch off the phone and remove the SIM card.

**Warning:** Damages could happen to your SIM card if the device is not switched off when taking out of the SIM card.

#### **2.5.1.3 Inserting and Removing the Memory Card**

Switch off the handset.

Insert the memory card into the slot.

**Attention:** This handset doesn't support the hot-swap of memory card. When you want to remove the inserted memory card, you need to switch off the device first. Otherwise, it may damage your memory card.

#### **2.5.1.4 Switch ON/OFF**

Do a long press the Switch ON/OFF key to switch on/off the phone.

If inserting the SIM card, the screen will show the notes in the following order when the phone is switched on:

Type in PIN— if you have already set the PIN code.

Search— the handset will be searching for proper network connection.

#### **2.5.1.5 Set up SIM card lock**

In the standby mode, open the application list, select settings > security > set up SIM card lock > Lock SIM card.

To avoid illegal use, the SIM card is enciphered with PIN (Personal Identification Number) as a protection. When this function is ON and you have already set a PIN code, you need to type in PIN code every time, the handset is switched on in order to unlock SIM card and use the handset.

You can turn off the SIM PIN code. Yet in this situation, the SIM card can't prevent illegal use.

Input PIN code, press arrowhead icon to erase typing error and press OK to end typing. For example, if the PIN code is set as 1234, then type "1234" then press OK. The SIM card will be locked if you type in wrong code. The handset will inform you to type in PUK code.

**Attention:** Your network provider will set a standard PIN code (four to eight numbers) for your SIM card. The default password is '1234' It is recommended that you change the code into a personal code as soon as possible.

When the SIM card is successfully unlocked, the handset will automatically search for available network (the lock screen shows searching). The handset will show the information of the network provider; the status bar will show the signal strength and the network condition once the handset is successfully connected to a network.

### **2.5.2 Connecting to Wi-Fi networks**

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings. Touch Settings > Wireless & networks > Wi-Fi. Check Wi-Fi to turn it on. The phone scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon.

Note: If the phone finds a network that you connected to previously, it connects to it. Touch a network to connect to it. If the network is open, you are prompted to confirm that you want to connect to that network by touching Connect. If the network is secured, you're prompted to enter a password or other credentials.

### **2.5.3 Connecting to Bluetooth devices**

Bluetooth is a short-range wireless communications technology that devices can use to exchange information over a distance of about 8 meters. The most common Bluetooth devices are headphones for making calls or listening to music, hands-free kits for cars, and other portable devices, including laptops and cell phones. Touch Settings > Wireless & networks > Bluetooth. Check Bluetooth to turn it on.

You must pair your phone with a device before you can connect to it. Once you pair your phone with a device, they stay paired unless you unpair them.

Your phone scans and displays the IDs of all available Bluetooth devices in range. If the device you want to pair was not in the list, make it discoverable.

### **2.5.4 Connecting to a Computer via USB**

You can connect your phone to a computer with a USB cable, to transfer music, pictures, and other files between your phone memory card and computer.

## **2.6 Main interface**

### **2.6.1 Notification Panel**

In the standby mode, click on the upper screen and slide down to open notification panel. In this area, it can on or off wireless connection function, access a notify list, such as information, communication, activity or state of process. Please refer to the list of the upper screen frame:



In the notification panel, you can use the following options:

- Wi-Fi: Activate or deactivate Wi-Fi function.
- Bluetooth: Activate or deactivate wireless connectivity.
- GPS: Activate or deactivate Global Positioning System.
- Data connection: Activate or deactivate data connection function.
- Airplane mode: Activate or deactivate off-line mode/flight mode.
- Brightness: Adjust brightness of the screen.
- Time out: Adjusting the sleep time or inactivity mode of the screen.
- Auto rotation: Activate or deactivate automatic rotation.
- General: To activate or deactivate easily the general mode.
- Silent: To activate or deactivate easily the silent mode.
- Meeting: To activate or deactivate easily the meeting model.
- Outdoor: To activate or deactivate easily outdoor mode.

### **2.6.2 Expand Main Interface**

The main interface may extend and exceed the screen width to provide more space for newly added shortcuts and tools.

Slide your finger horizontally on the main interface to extend to the left or right area of the main interface.

### **2.6.3 Add icons on the main interface**

You can long press the icon on the main menu until it's enlarged and copies the icon in the main menu to the main interface.

### **2.6.4 Move icons on the main interface**

Long press the icon on the main interface until it's enlarged.

Drag the icon to the desired position and then release it.

### **2.6.5 Remove icons on the main interface**

Long press the icon on the main interface until it's enlarged.

Drag the icon to "Remove" to delete it.

### **2.6.6 Change wallpaper**

Long press "Touch screen" to open the menu.

Choose wallpaper from "Gallery" / "Live Wallpapers" / "Video Wallpaper" / "Wallpapers", and Select your desire wallpaper and press "Set wallpaper" to complete.

NOTE: Press menu key to go automatically to wallpaper, Manage apps and System settings.

## **3. Function Menu**

### **3.1 Phone**

Press the keyboard, enter the phone number, and press Dial icon.

### **3.1.1 Making Calls**

When the network provider icon appears on the standby screen, you can call out or answer calls. The indicator on the upper part shall show the signal strength. Quality of connection will be greatly influenced by obstructions. So movement in a small range may effectively improve the quality of connection.

#### **3.1.1.1 Making Domestic Calls**

Use virtual keyboard to enter phone numbers and then press Dial icon to call. If you need to change the phone number, please press the delete key on the touch screen to delete. When the call is answered, the screen shall show the connection status.

#### **3.1.1.2 Making International Calls**

If you need to make an international call, do a long press on the 0 key on the virtual keyboard until there appears the sign "+" for international call prefix, which helps you call from any country.

You can make an international call according to the following typing order: + > country code > complete phone number > Dialing icon (type in the prefix code, and then enter the country code and complete phone number). Country code usually follows conventional practice: German is 49, Britain 44, Sweden 46 and so on.

When making international phone calls, the "0" in the city code should be emitted.

### **3.1.2 Emergency Calls**

You can call for emergency service as long as you are in the network coverage (check the signal strength indication bar on the upper right side of the handset screen). If your network provider doesn't provide roaming service in this area, there will be "Emergency Calls" on the lock screen. If you are in the network coverage, you can have emergency calls even without a SIM card.

### **3.1.3 Answering Calls**

Slide to the right to answer an incoming call.  
Slide to the left to reject an incoming call.

### **3.1.4 The option during the call**

Talk can use the following options:

1. Dial pad: Open a dialing keyboard.
2. Loudspeaker: Activated loudspeaker function.
3. Mute: Turn off microphone icon; it will not hear your voice.
4. Hold: Keep an ongoing call on-hold
5. Contacts: Enter contacts during a call.
6. End call: To end an on going call.

### **3.1.5 Speed dial**

- In the dialing interface press menu key and you can set the speed dial.
- Tap to add contacts, after that go to dial interface and long press the number according to your speed dial and it can quickly dial a number.

### **3.1.6 Call settings**

In the dialing interface press menu and enter settings

- Voice Call: voice call related setting.
- Internet Call: internet call related setting.
- Other settings: Fixed dialing Numbers, minute reminder, Quick responses and TTY mode.

### **3.2 Messaging**

Messaging allows you to view messages, sent & received as a thread.

Click the icon in the lower left to compose new message.

Enter number, or press add contact icon and select stored contact number from Contacts.

Input contents into the typing frame on the touch screen.

Touch the attachment icon to add attachments.

Press menu key to Add subject, Discard, Insert quick text, Insert smiley, Insert contact and settings.

After editing, press send icon to send the text.

### **3.3 Contacts**

Record the contacts saved on phone and SIM card.

#### **3.3.1 Add contact**

- Click the icon in the lower right to add new contact.
- Choose a store location; Phone or SIM card.
- Enter the contact information and click done.

#### **3.3.2 Search contacts**

- Click  icon in the lower left to search contact.

#### **3.3.3 Create contact groups**

By creating a group of contacts it can manage multiple contacts and send group messages.

- In the contact interface select group.
- In the lower right corner click to add group icon. Enter group name and add group member.
- Click done.

### **3.4 Browser**

You can use Browser to access and browse the Internet.

### **3.5 Calculator**

The handset is provided with a calculator with basic functions. Use the calculator to solve simple arithmetic problems or use its advanced operators to solve more complex equations.

Touch Calculator to open the application.

Switching to the advanced panel on the Calculator screen, slide the screen to the right or left to switch between advanced panel and basic panel.

In the calculator screen, you can touch menu icon to clear history or access advanced panel.

Note: The accuracy is limited and round-off error may occur.

### **3.6 Calendar**

Use Calendar to create and manage events, meetings, and appointments. Depending on your synchronization settings, the calendar on your phone stays in synchronization with your calendar on the web.

Press the touch screen to browse date and the calendar information on the screen shall be correspondingly updated.

### **3.7 Clock**

Enter the clock menu and touch the alarm icon to enter the alarm list interface. When adding a new alarm, Scroll the scrollbar to set alarm time. Press alarm of list to edit t Time, Repeat, Ringtone, vibrate and label, choose “DONE” to finish the setting.

### **3.8 Downloads**

You can check the downloaded or being-downloaded contents.

### **3.9 E-mail**

When using the Email application for the first time, you must configure your email account. The Email setup wizard helps you set up your account for many popular email systems. Using the Email, you can send or receive emails from other email accounts.

### **3.10 File Manager**

You can manage files, including music, videos, documents and other formats files. Enter the file manager, you can choose Phone storage or Memory card, and touch the icons of the lower screen to do some operations.

### **3.11 FM Radio**

FM Radio lets you listen to FM radio stations on your mobile phone. Since FM Radio uses the provided wired stereo headset as the antenna, connect the headset first to the audio jack of your phone before you open the application.

### **3.12 Gallery**

In the gallery interface, there are different folders. Select a folder and press to enter it. Press image or video to view pictures or videos.

### **3.13 Camera**

Under viewing condition, press the bottom icons to do the corresponding operations.

Press the capture icon to capture a picture and you can easily choose camcorder icon to capture video. The Thumbnail icon shows the currently captured picture or video.

You can also choose other tools at the screen of camera mode to customize your photo. Press the setting icon at the lower screen to customize your camera settings.

### **3.14 Music**

Use the Music player to play music files. The songs saved in your Memory Card can be played using the Music Player of the device.

The songs are categorized by Artist, Albums and Songs. You can make your favorite playlist by long pressing on a song and selecting Add to Playlist. While listening to the music, you can choose among the various sound effects.

### **3.15 Sound Recorder**

Press Recording Key to start recording. In the middle of the screen is a timer. Press Stop Key to stop recording then popped out "Discard/Save" options. You can press play key to listen to the record before selecting "Discard/Save".

### **3.16 SIM toolkit**

The contents in this menu will differ according to different network providers. For detailed information, please look at the phone.

### **3.17 Video player**

Play video. Enter the video list, scroll the screen to browse and choose the file you want to play.

### **3.18 Search**

Input box to input the content in webpage search.

You can pull down the search icon arrow, music search, application, contact person.

Check this interface settings Icon, can check the search term.

### **3.19 Settings**

#### **3.19.1 Wireless & networks**

##### **3.19.1.1 SIM Management**

The contents in this menu will differ according to different network providers. For detailed information, please look at the phone.

##### **3.19.1.2 Wi-Fi**

To use Wi-Fi on your mobile phone, you need to have an access to wireless access points (hotspots). Obstacles that block the Wi-Fi signal will reduce its strength.

##### **3.19.1.3 Bluetooth**

If you are using Bluetooth, remember to stay within 10 meters (33 feet) of other Bluetooth devices. Be aware that obstacles like walls or other electronic equipment may interfere with your Bluetooth connection.

Touching your Bluetooth device name lets others can find your Device

Touching SEARCH FOR DEVICES to scan and search devices

Touching other device name to Pair

Pressing the menu key to do other operation such as rename phone, visibility timeout, show received files and advanced settings.

##### **3.19.1.4 Data usage**

To view the data usage conditions including SIM card and Wi-Fi.

##### **3.19.1.5 More**

In this menu, it includes Airplane mode, VPN, Tethering & portable hotspot, Mobile networks and etc.

#### **3.19.2 Device**

### **3.19.2.1 Audio profiles**

Include General, Silent, Meeting and Outdoor. You can also add custom profiles.

### **3.19.2.2 Display**

Change settings of Brightness, Wallpaper, Theme, Auto-rotate screen, Sleep, Font size and so on.

### **3.19.2.3 Storage**

Include the Preferred install location, Memory card storage, available storage, insert memory card (If a memory card has already been inserted, then this option will become "Unmount memory card ", Erase memory card and all available storage in the internal storage space.

### **3.19.2.4 Battery**

View the battery usage.

### **3.19.2.5 Apps**

Include the management of applications, to view and manage the applications of downloaded, memory card, running and all.

## **3.19.3 Personal**

### **3.19.3.1 Location services**

Locate your position through tools like wireless network and GPS satellite.

### **3.19.3.2 Security**

Change the settings of screen lock, Owner info, SIM card lock, passwords, device administration and Credential storage.

### **3.19.3.3 Language & input**

Include language settings, keyboard settings, and input method and so on.

### **3.19.3.4 Backup & reset**

If you reset your phone to the settings that were configured at the factory, all of your personal data from internal phone storage, including information about your Google Account, any other accounts, your system and application settings, and any downloaded applications will be erased. Resetting the phone does not erase any system software updates you've downloaded or any files on your memory card, such as music or photos.

## **3.19.4 Accounts**

### **3.19.4.1 Add account**

Include general synchronisation settings and account management. The general synchronization settings include background data and automatic synchronization.

## **3.19.5 System**

### **3.19.5.1 Date & time**

Include automatic date & time, automatic time zone, set date, set time, select time zone, use 24 hour format and select date format.

### **3.19.5.2 Schedule power on & off**

You can set the time for ON/OFF, which include setting time and repeated date.

### **3.19.5.3 Accessibility**

Include services and system.

### **3.19.5.4 Developer options**

Include debugging, User interface, and apps.

### **3.19.5.5 About phone**

Include System updates such as status, Legal information, Phone model, Android version, Baseband version, Kernel version and Custom build number.

### **3.20 Play Store**

Play Store is dedicated to establishing the latest, fastest and most comprehensive third-party application store that makes Android system simpler. You can pick software and games to your taste from more than 10,000 applications anywhere and anytime.

### **FCC RF EXPOSURE INFORMATION:**

**WARNING!!** Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

### **BODY-WORN OPERATION:**

This device was tested for typical body-worn operations with the back of the phone kept 0.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 0.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

**NORMAL POSITION:**

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

**TIPS ON EFFICIENT OPERATION:**

For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

**RF Exposure Information:**

This product is compliance to FCC RF Exposure requirements and refer to FCC website search for FCC ID: 2ABN6POSHS450 to gain further information include SAR Values.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: 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:

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- 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

Do not use the device with the environment which below minimum  $-10^{\circ}\text{C}$  or over maximum  $50^{\circ}\text{C}$ , the device may not work.

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

Ad Hoc function is supported but not able to operate on non-US frequencies.

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