

# Krono



User Manual

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## About Android

An Android phone can perform many of the same functions as a computer. But you can also adjust it to better suit your needs, to receive the information you want, and have fun at the same time. You can add and delete applications, or enhance them to improve functionality. At Android Market you can download a range of applications and games from a constantly growing collection. You can also integrate applications on your Android phone with your personal data and online accounts. For example, you can back up your track of your appointments, and engage in as much social networking as you like.

## Applications

An application is a phone program that helps you perform a task. For example, there are applications to make calls, take photos and download more applications.

***Note:** The colors and specifications shown/mentioned in the user manual may differ from the actual product. Images shown are for representation purpose only. The content of the manual is correct when it is released, but we reserve the right to modify the technical specification without additional notification. Some content in the manual may be different from the mobile phone, as the accessory software, SIM card or service varies by providers.*

## Your phone









*The important keys & connectors*

Phone overview



1	Earphone Jack	8	Microphone
2	Charge/USB Port	9	Back Camera
3	VolumeKeys	10	Flash Light
4	Power/Lock Key	11	Speaker
5	Front Camera	12	Finger Print
6	Receiver	13	
7	Light Sensor		

Icons	Description	Location
-------	-------------	----------

	Signal strength indicator for SIM1	Icons Area
	Signal strength indicator for SIM2	Icons Area
	Do not disturb	Icons Area
	Airplane mode	Icons Area
	Unread SMS	Icons Area
	Missed calls	Icons Area
	SD card is read	Icons Area
	Alarm Enabled	Icons Area

### Touchscreen

To choose an icon or option, touch it.

In support of the larger/smaller application, you can double-click on the screen or two fingers on the screen to zoom in on the operation

### Rotate the screen

In set display, you can choose the way to the rotation of the screen

### Power/Lock key

It can help you to lock/unlock the screen, you just need to press it gently. Can also help you achieve closed/open the cell phone. If you are on hold when using it for 3 to 5 s, will prompt about machine, if it is turned off when hold it for 3 to 5 s will be boot animation to the standby interface, if this is your first boot will enter the startup wizard interface, interface according to instructions.

### Menu key

Can bring up the menu options

### Home key

Touch Home key to close any menu or app and return to the Home screen. If you are viewing the left or right Extended Home screen, open the central Home screen

### Back key

Touch Back key to return to the previous screen you were working on.

### Volume keys

Can increase or decrease

### To remove a shortcut on Home screen

If you want to remove the shortcut, you can touch and hold the shortcut icon on Home screen until it vibrates, and then drag it to Remove tab.

### Widget

According to the main screen interface menu options can pull up into small parts, and hold the widget interface to add drag the widget to be placed after let go can be added successfully, if you want to delete after you add is also very simple, hold to delete the widget to the top of the delete

### Arranging your Home screen

.On the main screen you can hold a quick quick drag to another application after let go, so that the two application is put in the same file, convenient management and increase the efficiency of the screen.  
 . You can choose in the Settings display wallpaper like pictures to decorate your home screen background, also can be in the home screen press menu wallpaper options to operate the function

## Application menu

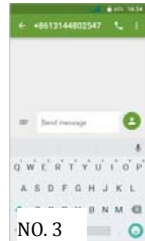


Phone status bar and notifications (NO. 1)

The status bar at the top of the screen contains icons that tell you about messages and phone status and shows what's going on in your phone. At the top you get notifications when there is something new or ongoing. For example, new message, missed call, signal strength, battery status and other information appear here. Down notification bar will appear some content of the message, you can click on view, can also be closed

NO. 1 Toolkits (NO.2)

In the toolkits you can quickly start the common applications such as Bluetooth, Wi-Fi and so on. Decline in open toolbox panel.



NO. 3

Messaging (NO.3)

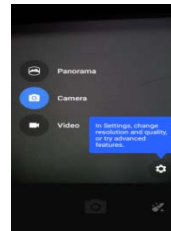
You can use it to edit the information sending and receiving information



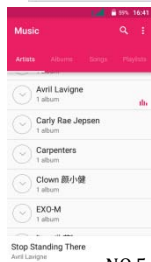
NO.2

Camera(NO.4) You can use it to take pictures/videos, can also according to your environment and preferences to select a

different photo/video mode



NO. 4



NO.5

Music (NO.5)

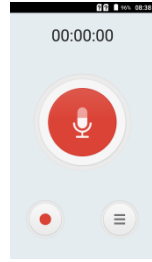
A music used to play music and management application, here you can check your phone all the music

## FM radio (NO.6)

It's phone comes with an in-built FM Radio. You can listen to FM radio stations, and add them to channel list. You have to plug in an earphone, as the antenna of the FM radio. You can listen to the radio either through an earphone, or through the speaker in the phone.



NO.6



## Sound Recorder (NO.7)

Record sound and play sound file.

NO.7

## Gallery

The Gallery offers you to view photos and play videos which are downloaded as well as those taken by the phone camera.

From Gallery, you can also share your photos and videos with your friends, via Messaging, Bluetooth, or Email.

**phone** You can use it to make a phone call, add contact, see call records, etc

**Contacts** You can add here, collect, view and manage your mobile phone and card of all contacts

**Settings** Have a variety of operating mode in your phone Settings, so that you can personalize setting their own needs. The appearance of the mobile phone to set configuration, sound, communication, privacy, etc

**Gmail** You can use it to login to your email to send and receive G-mail, you can log in multiple accounts at the same time to switch to use

**Note** *stay on top of things*

**Calendar** Your phone has a calendar for managing your time schedule. You can use the calendar to keep track of important events. After entering the calendar function menu, you can select year, month and date.

**Clock** The clock allows you to view time and date. You can also add an alarm, set the alarm and turn it on. Then, the alarm can ring at a specific time you set.

**Calculator** Keep your calculations on your finger tips with the calculator. Using this application allows you to make calculations. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, and division. You can also use an advanced panel.

**Browser** Use your web browser to view and navigate web pages, add pages as bookmarks, and save pages for offline reading. You can open several windows at the same time and switch among them easily.

**File Explorer** The file explorer can copy, move, rename, delete, open the document of the basic document management and operation function, can provide a preview, part of the document detailed information display, allowing users to more easily maintain files.

**Downloads** After you click on the menu, you can view and install the files you downloaded in the browser.

**Google** Register or login to your Google account.

**Maps** Provide maps, positioning, search, route planning, navigation and other services.

**Play Store** It is an online store that can download apps, videos, music, e-books and other digital products.

**Voice Search** Say what you want to query the content, you can quickly get voice response.

**Video Player** Used to play video, to support a variety of formats, such as MP4, avi, MKV, etc.

**Phenix tool:**

**Beauty Center** Beautify your mobile phone, used to replace the theme and wallpaper.

**Intelligent classification** Intelligent classification of all applications, and, you can restore the layout before the last sort.

**Launcher settings** Set the screen page switching effect, Intelligent classification, View launcher information.

**Connect to networks and devices**

Your phone can connect to a variety of networks and devices, including Wi-Fi, Bluetooth, and devices such as headsets. You can also transfer files to/from your PC through the data cable.



### **Wi-Fi networks**

Wi-Fi is a wireless networking technology that can provide internet access at distance of up to 20 meters. To use Wi-Fi on your phone, you access a wireless access point, or "hotspot". Some hotspots are open and you can simply connect to them. Others are hidden or implement other security features, so you must configure your phone so it can connect to them.

**Bluetooth** Bluetooth is a short-range wireless communications technology that devices can use to exchange information over a distance of about 10 meters.

## **Connect 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's SD card and the computer.

You cannot share your phone's data connection and SD card via USB cable at the same time. If you are using USB tethering, you must turn that off first.

The connection to USB interfaces has to be limited to USB 2.0 version or higher. The connection to so called power USB is prohibited.

## **Working with secure certificates**

If your organization's VPN or Wi-Fi Network relies on secure certificates, you must obtain the certificates and store them in your phone's secure credential storage, before you can configure access to those VPN or Wi-Fi networks on your phone.

If your network administrate instructs you to download the certificates from a website, you are prompted to set a password for the credential storage when you download the certificates.

### **Accessing Password**

The cell phone and SIM card use several accessing passwords. These passwords help to prevent the cell phone from being embezzled.

You can use the function options in the security settings of settings menu to change accessing password (except for PUK and PUK2).

### **PIN Code**

PIN code (Personal Identification Number) can prevent the SIM card from being embezzled. The PIN code is provided along with the SIM card. If the PIN code checking is activated, it is necessary to input the PIN code when the cell phone powers on every time.

If a wrong PIN code has been input for 3 times straight, it is needed to input the PUK code, then input a new PIN code and input it again for confirmation.

## PUK Code

PUK code (Personal Unlock Key) is used to change locked PIN code. PUK code is provided along with the SIM card. If not provided, please contact your local service provider for PUK code.

- If wrong PUK code has been input for 10 times straight, the SIM card cannot be used any more. Please contact your service provider for a new SIM card.
- PUK code cannot be changed. If the PUK code is lost, please contact your service provider.

# Frequently Asked Questions and Troubleshooting

## Notices

**Location:** Adapter shall be installed near the equipment and shall be easily accessible.

### Warnings on Battery:

- Please use appointed battery in case of explosion risk.
- Please dispose of lifeless battery under guidance.

### Requirements for the Battery

When not in use, store the battery in a cool, well-ventilated place with sunshine.

If you will not be using the mobile phone for an extended period of time, charge the battery on a regular basis to avoid battery breakdown.

The phone battery wears out fast. If charging the battery does not improve its performance, it is time to replace the battery. Properly dispose of the battery according to local regulations. Do not throw it into a fire.

**Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

### Requirements for the Charger and AC Adapter

Please confirm if the environment temperature is within the range of 0°C ~ 40°C while charging.

Please make sure the temperature for device will not be higher than 40°C

The device could be used with a separation distance of 1.5cm to the humanbody.

All the reports of the applied standards have the Positive Opinion of Notified Body:












PHOENIX TESTLAB, Königswinkel 10 D-32825 Blomberg, Germany




Identification mark: 0700 (Notified Body) CE



CE 0700

# Precautions

	<p>Please carefully read and observe the terms below:  <b>Safe power on</b>            Do not use your mobile phone where it is forbidden to use or you might cause a disturbance or danger.</p>
	<p><b>Safe transportation first</b>            Please observe all related local laws and regulations.            Do not use your mobile phone while driving.            Safe transportation should be considered first when driving.</p>
	<p><b>Disturbance</b>            All mobile phone performances might be disturbed.</p>
	<p><b>Turn off when in the hospital</b>            Please follow related limitations.            Please switch your mobile phone off when near a medical instrument.</p>
	<p><b>Turn off on an airplane</b>            Please follow related limitations.            Do not use your mobile phone on an airplane.</p>
	<p><b>Turn off when at a gasoline station</b>            Do not use your mobile phone at a filling station or around fuels or chemicals.</p>
	<p><b>Turn off around exposure Area</b>            Please observe related limitations and do not use your mobile phone near an area where explosions can occur.</p>
	<p><b>Proper use</b>            As described in this manual, your mobile phone can be used only in the correct location.            If possible, please do not touch the antenna area of your phone.</p>
	<p><b>Use qualified after sales service</b>            Only a qualified technician can install or repair your mobile phone. Please contact the authorized service center in case of phone failure.</p>
	<p><b>Accessories and batteries</b>            Only use the authorized accessories and batteries and do not connect to incompatible manufacturers or products.</p>
	<p><b>Waterproof</b>            Your mobile phone is not waterproof. Please keep it away from water.</p>

	<p><b>Backup</b> Remember to make a backup or keep a written record of all important information saved in your mobile phone.</p>
	<p><b>Connect to other devices</b> Please read the user manual of the device to get more detailed security instructions before connecting to other devices and do not connect to an incompatible product.</p>
	<p><b>SOS emergency calls</b> Make sure your mobile phone is switched on and in a service area. In idle mode, input the SOS number, then touch the Dial Key. Advise where you are and do not hang up without permission.</p>

<b>Frequently Asked Questions</b>	<b>Cause and Solution</b>
Fail to turn on	<p>Press the power on key for over 1 second. Check if the battery is properly connected. Please remove and install it again, retry to turn it on; Check if battery is appropriately charged.</p>
Fail to connect network	<p>Weak signal. Please try and move to a location with strong signal and try connecting to the network again; Please ensure that you are not beyond the network coverage of service providers; Please ensure you have a valid SIM card. Please contact your network provider for further information.</p>

Display information while turning on	<p>Check if the SIM card is installed correctly</p> <p>Handset lock password. If the handset lock is activated, you have to input handset password.</p> <p><b>Input PIN:</b> Inputting PIN while turning on each time is activated, you have to input the PIN code.</p> <p><b>Input PUK code:</b> When you've input wrong PIN code for 3 times will lock the SIM card. You need to input the PUK code provided by your network provider.</p>
Poor quality of calling	<p>Please check if the sound volume is tuned improperly</p> <p>In an area with poor receiving condition, example: basement, the signal might be weak. Try searching a location with stronger signal reception and call again.</p> <p>While using the mobile phone in the peak period of communication, like commute time, you may be unable to call because of line congestion.</p>
Standby duration shortened	<p>The standby duration is relative to the system setting of network. While the mobile phone is in an area with poor signal strength and cannot receive the signal, the handset will continuously search for a base station. This will significantly reduce battery charge. It is recommended that you turn off your mobile in area with no signal reception to save battery.</p> <p>Need replacing the battery. Please change a new battery</p>
SIM Card Error	<p>Dirt on the metal surface of an SIM card. Use clean cloth to wipe the metal touch point on an SIM card.</p> <p>The SIM card is not installed.</p> <p>The SIM card is damaged. Please contact your network service provider.</p>
Fail to dial out	<p>Please check if you touch the dial key after dialing.</p> <p>Please check if calling is forbidden because of defaulting.</p> <p>Please check if the SIM is valid.</p> <p>Please check if the call barring is set.</p> <p>Please check if the fixed dial function is set.</p>
Callers cannot contact you	<p>Please check if the mobile phone is on and connected with the network.</p> <p>Please check if the Call barring or call divert is activated.</p> <p>Please check if the SIM card is valid.</p>
Fail to charge	<p>Poor contact. Please check if the plug is connected well.</p> <p>Please confirm if the environment temperature is within the range of 0°C ~40°C while charging.</p> <p>The battery or charger is damaged. You need to replace it.</p>
Fail to set some functions	<p>Wrong operation.</p> <p>The network provider does not support the function, or you have not applied for it.</p>

**Note:** If the instruction above cannot help you solve problems, please record, Mobile phone model and serial number, Specific content of warranty, Clear statement of problems, Then contact your local dealer or the authorized service center in your area.

# Safety Information and Notices

## Using the Mobile Phone and Charger

**Danger:** Only use authorized battery and charger. Using other brands may cause battery leakage, overheating, explosion or even fire.

**Caution:** Keep the phone away from dust, water and damp areas. Dust, water or other liquids may cause overheating, electrical leakage, and/or phone failure. The phone, battery, charger and AC adapter are not waterproof. Keep them away from rain and liquid.

**Warning:** Do not bump, shake or tamper with the phone or charger. This may cause battery leakage, overheating, explosion or even fire.

Do not place the battery, phone or charger near a microwave or high-voltage device. This may cause battery leakage, overheating, explosion or even fire; also prevent the phone and AC adapter from overheating, smoking or short circuiting.

Do not use the phone around volatile oil. This may cause fire, breakdown or damage.

To avoid any damage or breakdown, do not disassemble the phone, battery, charger or internal components by yourself.

**Location:** The socket-outlet shall be installed near the equipment and shall be easily accessible.

## Using the Mobile Phone

### **Warning:**

Please confirm if the environment temperature is within the range of 0°C ~ 40°C while charging.

Do not use the phone while you are driving. Pull over and stop your automobile to dial or listen to a phone call.

Usage of mobile phones in aircrafts or hospitals is prohibited. Switch the phone off to prevent interference with electronic medical devices. Follow any rules or regulations in such places.

Do not use the phone at a gas station, near fuel or near chemicals.

Do not use the phone near electronic medical devices such as hearing aids, pacemakers and auto-control devices such as fire detectors and automatic doors.

If you have to use your mobile phone near an electronic medical device such as a pacemaker, please contact your manufacturer or dealer for information about preventing interference.

### **Caution:**

Electronic systems in automobiles such as anti-lock brakes, speed control, or fuel spraying systems,

are usually not influenced by wireless devices. Manufacturers of these systems will tell you whether they are provided with good screening functions. If you suspect that an automobile failure is caused by a wireless wave, please contact your automobile dealer.

Avoid using your phone in crowded places.

Do not store your mobile phone near or with a credit card, disk or other magnetic materials. This may effect information stored on your phone.

Keep your phone away from pins. Pins can be absorbed by the phone's receiver magnet, which may cause harm.

If you intend not to use your mobile phone for a long period of time, please remove the battery from the phone. Leaving the battery inside the mobile phone for a long period of time may cause moisture to the battery, and it can damage the mobile phone or the battery.

## Using the Battery

### **Danger:**

Do not dispose of the battery into a fire. Doing so may cause battery explosion or even fire.

If you have difficulties installing the battery, do not force the installation. This may cause battery leakage, overheating, explosion or even fire.

Keep metal objects away so they do not come in contact with the battery or its connectors as it may cause the battery to short circuit, overheat or explode.

Do not weld the polarities of the battery directly together. This may cause battery leakage, overheating, explosion or even fire.

Battery liquid is severely harmful for your eyes. If battery liquid gets in your eyes, do not rub them. Instead, wash your eyes with water first and then go directly to a doctor for help.

Do not use or store your phone in high temperature areas. This may cause battery leakage, overheating, explosion or even fire.

### **Warning:**

Replace the battery when the normal usage time begins to decrease or if you notice the battery is overheated or has changed shape or color.

If battery liquid leaks onto your skin or clothes, immediately wash the affected parts with water.

If the battery begins to leak or emits a strange odor, properly dispose of the battery according to local regulations. Do not throw it into a fire.

**Caution:** Do not leave the product or its battery inside a vehicle. This may damage the product, overheat the battery, or pose a risk to the vehicle.

### **Warnings on Battery:**

**(c)** Please use appointed battery in case of explosion risk.

**(d)** Please dispose of lifeless battery under guidance.

## Using the Charger

**Danger:** Only use the charger that came with the phone. Using a different charger may cause the phone to breakdown or explode.  
If the charger short circuits, a fire may occur.  
Do not use a damaged, worn or broken charger. This may cause a fire.  
Clean dust away from the power socket to avoid the possibility of a fire.  
Do not store the charger near any liquids. If liquids spill onto the charger it may cause it to overheat or breakdown.  
If liquid does spill onto the charger, immediately unplug the power cable to prevent overheating, fire or another type of breakdown.  
Do not use the charger in places with high humidity like a bathroom. This may cause a fire or other breakdown.  
Do not touch the charger, power cable or socket with wet hands. This may cause an electric shock.

## Requirements for Mobile Phone

Avoid using your mobile phone in extremely high or low temperatures.  
It is recommended that you do not use your mobile phone near a telephone, TV set, radio or other radio frequency sensitive devices.

## Requirements for the Battery

When not in use, store the battery in a cool, well-ventilated place with sunshine.  
If you will not be using the mobile phone for an extended period of time, charge the battery on a regular basis to avoid battery breakdown.  
The phone battery wears out fast. If charging the battery does not improve its performance, it is time to replace the battery. Properly dispose of the battery according to local regulations. Do not throw it into a fire.

**Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Requirements for the Charger and AC Adapter

Please confirm if the environment temperature is within the range of 0°C – 40°C while charging.

## Cleaning and Maintenance

The mobile phone, the battery and the charger are not waterproof. Do not use them in places with high humidity like a bathroom and also avoid spilling any liquids on them.  
Use a soft cloth to clean the mobile phone, the battery and the charger.  
Do not use alcohol, diluted liquid or benzene to clean the mobile phone.  
If dust gets in the sockets the phone can be damaged, short-circuit or even the lose the ability to be re-charged. Be sure to clean the socket regularly.



**FCC Warning**

Specific Absorption Rate (SAR) information SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this mobile phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.0cm from the body.

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. Any Changes or modifications not expressly approved by the party responsible for compliance 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:

--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.