PCB-i316 user manual

Mobile Phone

Contents

1. For your safety 1
2. Learn about the phone 2
- Overview 2
- Function Keys 2
3. Before using 2
- Insert Micro SIM cards and SD card 2
- Charge the Battery 4
4. Getting started 4
- Basic Function 4
- Home screen 4
- Touch screen 7
5. Communication 7
- Make a call 7
- Ongoing call 8
- Incoming call 8
- Send a Message 8
6. Multimedia 9
- Camera 9
- Gallery 11
- Music 12
7. Connection 12
- Airplane mode 12
- WLAN 12
- Bluetooth 13
- USB 13
8. Advanced Features 14
- Do not disturb 14
- Private space 14
- Super screenshot 14
- Chameleon 17
- Extreme mode 17
9. Operation 18
- Smart gestures 18
- Suspend option 20
10. Warnings and notes 20

1. For your safety

Please read this manual before using the cell phone to ensure your safe and proper use.

SWITCH OFF IN HOSPITALS

Please abide by relevant provisions or regulations. Please turn off your mobile phone near medical equipment.

SWITCH OFF WHEN REFUELING

Don't use the phone at a refueling point. Don't use near fuel or chemicals.

MICRO SIM CARDS AND SD CARD ARE PORTABLE

Keep your phone, phone parts and accessories out of children's reach.

BATTERY

Please do not destroy or damage the battery, it can be dangerous and cause fire.

Please do not throw battery in fire to avoid hazard.

When battery cannot be used, please dispose in safe environment.

Do not try to dismantle the battery.

If the battery or the charger is broken or old, please stop using them, and replace with certified genuine battery

USE QUALITY EQUIPMENT

Use authorized equipment to avoid danger

ROAD SAFETY COMES FIRST

Give full attention while driving, Park before using your phone. Please follow traffic rules of local city town.

INTERFERENCE

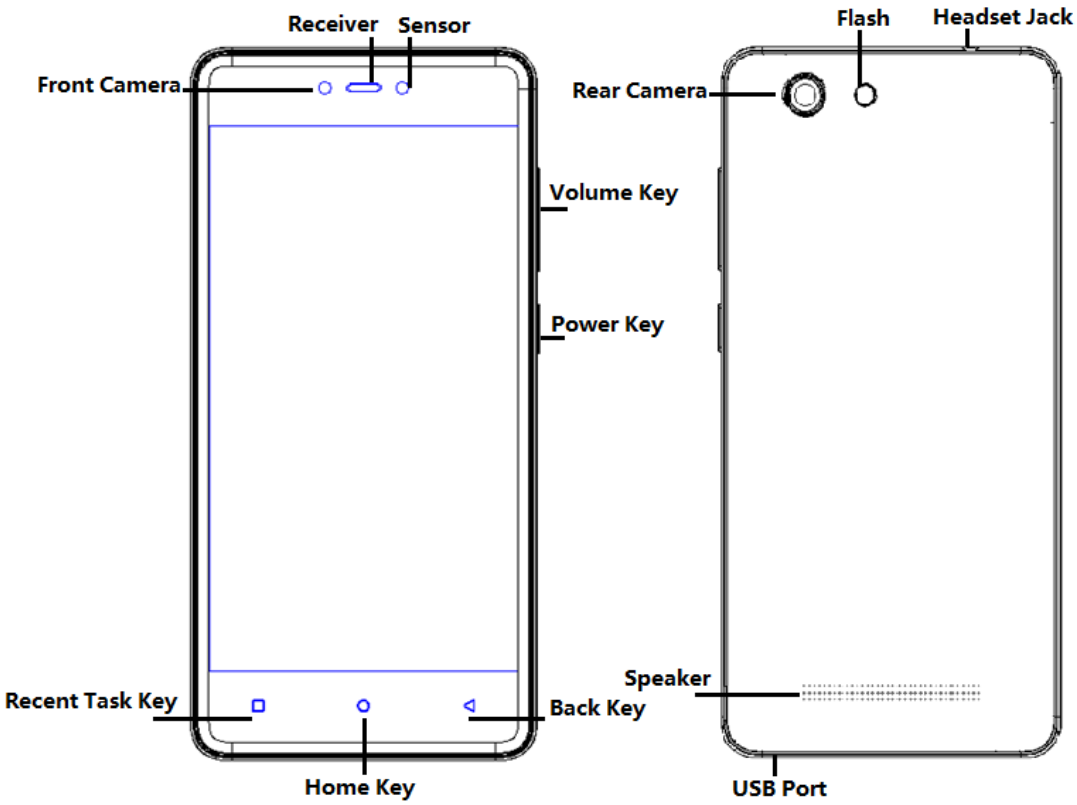
All wireless devices may be susceptible to cause interference, which could affect performance.

SWITCH OFF IN AIRCRAFT

Wireless devices can cause interference in aircraft. It's not only dangerous but also illegal to use mobile phone in an aircraft.

2. Learn about the phone

Overview



Function Keys

Keys	Functions
Power Key	• Press to turn on/off the screen. • Press and hold to power off the phone, reboot, and turn on airplane mode or silent.
Volume Key	• Press to adjust the volume of device.
Multi Task Key	• Tap to open the list of recently used apps. • Shake the phone to clean all of recently used apps. • Click the circle button to clean all of recently used apps.
Home Key	• Tap to return to Home screen. • Long press to access Google™ search.
Back Key	• Tap to return to the previous screen.

3. Before using

The phone is a Dual SIM mobile that allows you to use two mobile networks.

Insert Micro SIM cards and SD card

1. Switch off the mobile phone. Then remove the cover as shown in the figure.

✓ **Note:** Please start from the bottom left while removing the cover, and flip it up at the bottom.

2. Remove the battery and insert the Micro SIM and SD cards to the card slots correctly.

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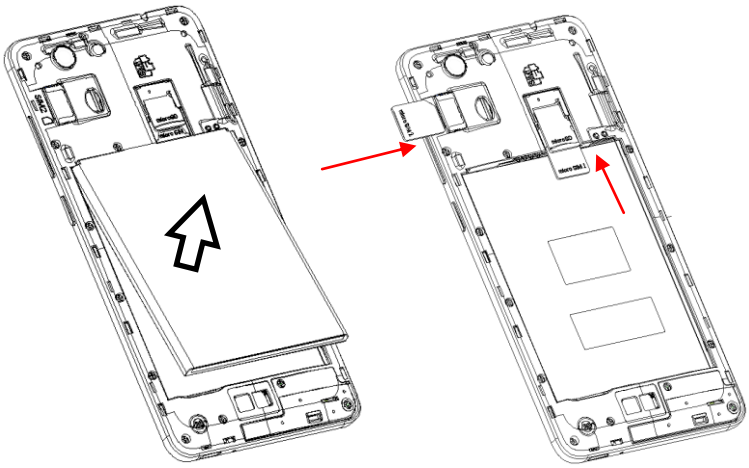
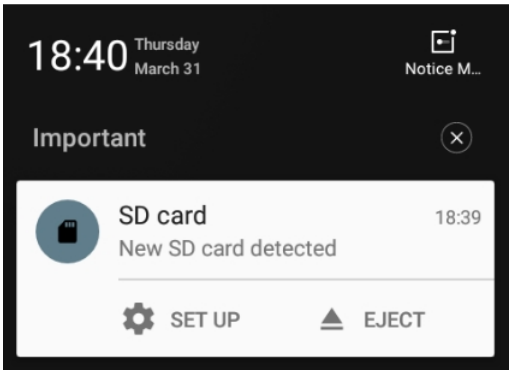


✓ **Note:** SD card can be used as internal storage.
Option 1: Notification Center --> tap the notice to set up --> Use as internal storage --> Next --> Erase & format



Option 2: Settings -- > Advanced settings-- >Storage & USB --> Format as internal storage --> Erase & format

3. Put back the battery and cover.

✓ **Note:**

- SIM cards and SD card do not support hot plugging.
- Do not remove the cards while the device is transferring data. Doing so may cause data to be lost or damage to the cards and device.
- The SIM card and SD card are small parts. Please keep away from Children to avoid swallowing the card by accident.
- Please do not touch the metal surface of Micro SIM and SD cards and keep them away from electromagnetic field to avoid damaged data.

Charge the Battery

Charge the battery before using it. Connect the USB cable to the USB power adaptor, and then plug the end of the USB cable into the USB Port.

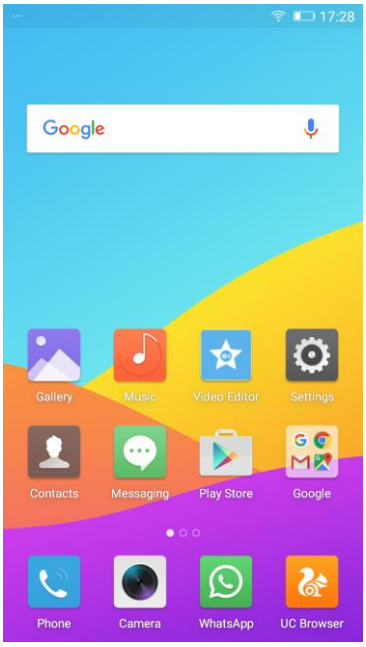
4. Getting started

Basic Function

- Turn on the phone
  Press and hold the power key for a while to turn on the phone.
- Turn off the phone
  Long press the power key until a menu shows. Choose “Power off” to turn off the phone.
- Restart the phone
  Long press the power key until a menu shows. Choose “Reboot” to restart the phone.
- Lock the screen
  Option 1: Press the power key to turn off the screen and lock it
  Option 2: In the Home screen, double tap the screen to lock it.
  Option 3: The screen will auto lock if you don't use the phone for a while.
- Unlock the screen
  Press the power key, and then slide to top for unlocking.

Home screen

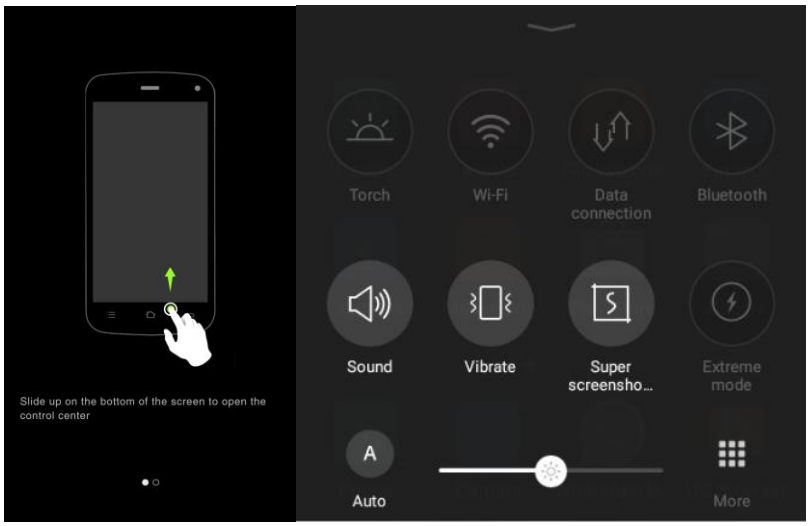
The Home screen is your starting point to access all the features on your phone. It displays application icons, widgets, and other features. You can customize the Home screen with different wallpaper and display the items you want.



- <u>Status Bar</u>
  At the top of the screen, it displays the time, signal, battery information, and icons for notifications that you've received.

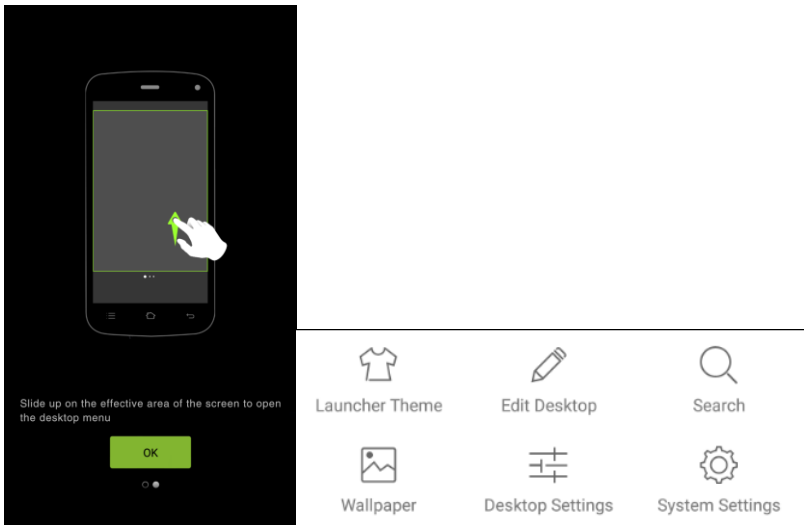
- <u>Notification Center</u>
  Swipe down from the top edge to see more detail of the new notification, such as messaging, missed call, Wi-Fi network available etc. Tap the notification and drag to left or right to delete it.
  Settings --> Notification and control center --> Notification Center to manage it.
  - Notice management
  - Card display notifications in lockscreen
  - Application push
  - Notification access
  - Display network speed

- <u>Control Center</u>
  Slide up on the bottom of the screen to open the control center.
  In the control center, it's a quick access to Torch, Wi-Fi, Data connection, Bluetooth, Sound, Vibrate, Super screenshots and Extreme mode. Tap "More", and then drag to adjust the icons in control center.



- <u>Desktop Menu</u>

  Slide up on the effective area of the screen to open the desktop menu. You can change the Launcher Theme & Wallpaper, Edit Desktop. It's a quick access to Desktop Settings, System Settings and Search.



- <u>Move an application</u>

  Touch & hold the icon you want to move. Drag the icon to move or cross at the edge of the screen to move into another screen.

- <u>Uninstall an application</u>

  Touch & hold the icon you want to uninstall. On the top of the icon will appear "x". Tap it to uninstall.

- <u>Creating a folder</u>

  Drag an icon on the top of another one to create a folder. Open the folder and then tap the "Folder" to rename it.

Touch screen

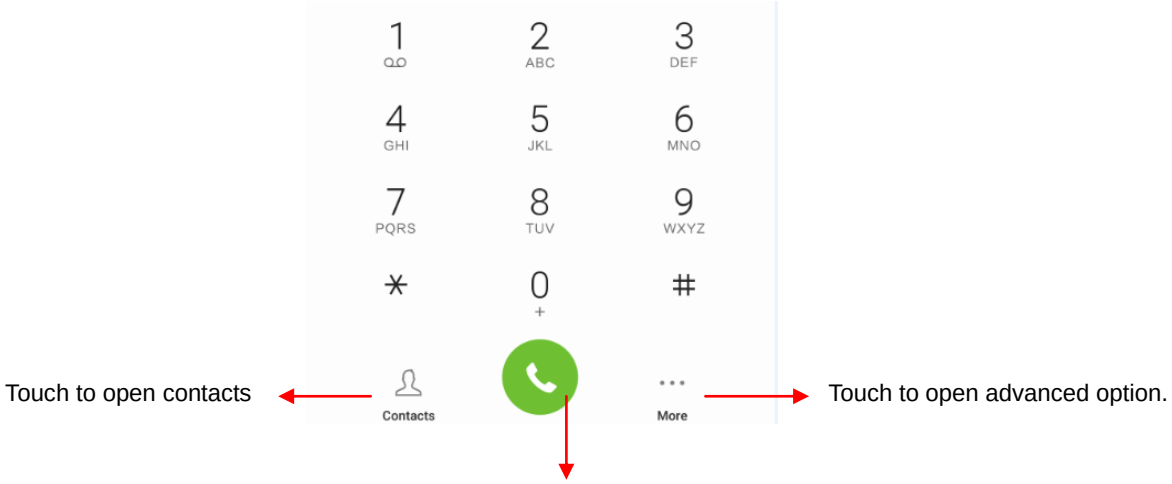
The way to control mobile phone is using your finger on touch icons, buttons, menu items, the onscreen keyboard, and other items on the touch screen.

- Touch: To act on items on the screen, such as application and settings icons, to type letters and symbols using the onscreen keyboard, or to press onscreen buttons, you simply touch them with your finger.
- Touch & hold: Touch & hold an item on the screen by touching it and not lifting your finger until an action occurs.
- Drag: Touch & hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. You can drag items on the Home screen to reposition them and you can drag to open the Notification Center.
- Swipe or slide: To swipe or slide, quickly move your finger across the surface of the screen, without pausing when you first touch (so you don't drag an item instead). For example, you slide the screen up or down to scroll a list, and in the same way Calendar views you can swipe quickly across the screen to change the range of time visible.
- Pinch: In some applications (Such as Maps and Gallery) you can zoom in and out by placing finger and thumb on the screen at same time and pinching them out together (to zoom out) or spreading them apart (to zoom in).
- Rotate the screen: On most screens, the orientation of the screen rotates with the phone as you turn it from upright to its side and back again. You can turn this feature on and off.

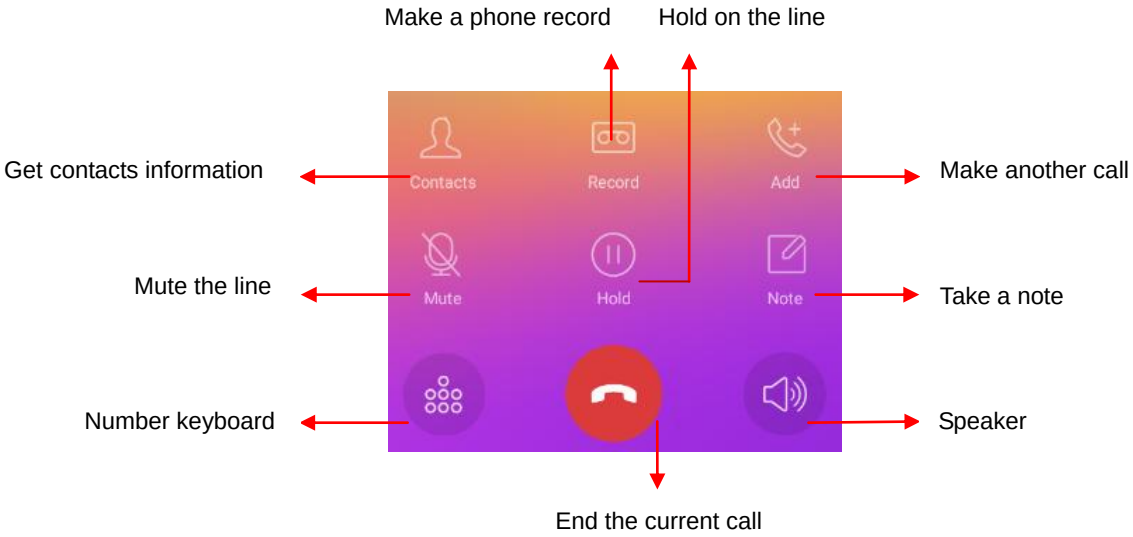
5. Communication

Make a call

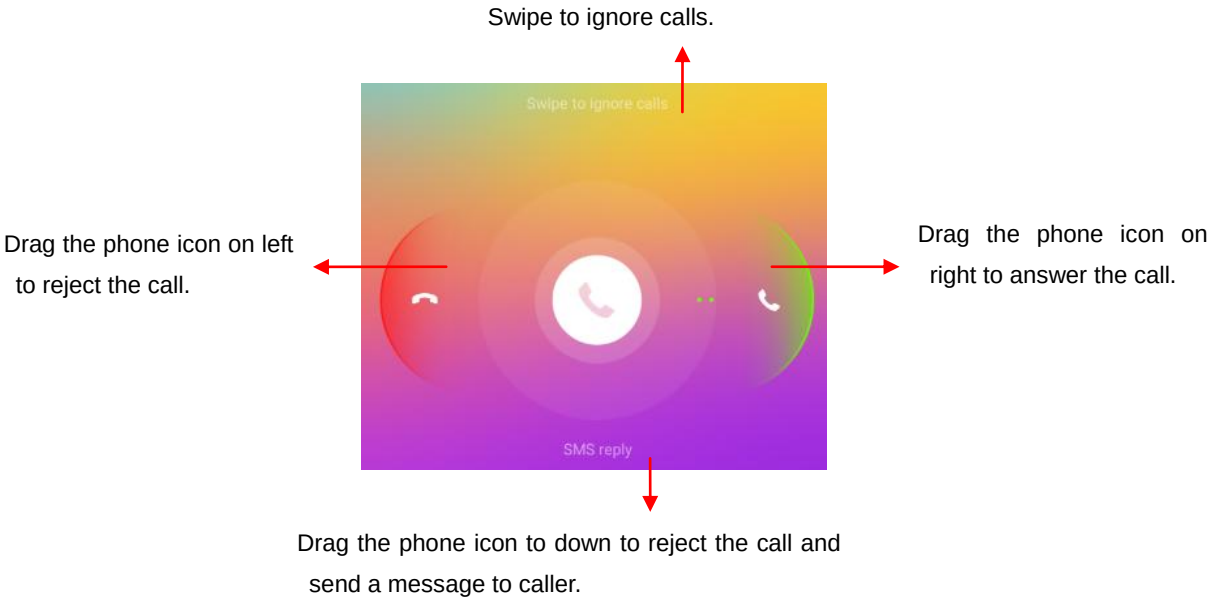
- Touch the phone icon on the Home screen.
- Enter the phone number you want to dial.
- Touch the phone icon to dial the number that you entered.



Ongoing call



Incoming call



✓ **Note:**

You can make an emergency call without SIM cards if the locations are available for the network service. But you should not rely on it for emergencies. It's also depends on the local mobile network operator. For more information, please contact with operator.

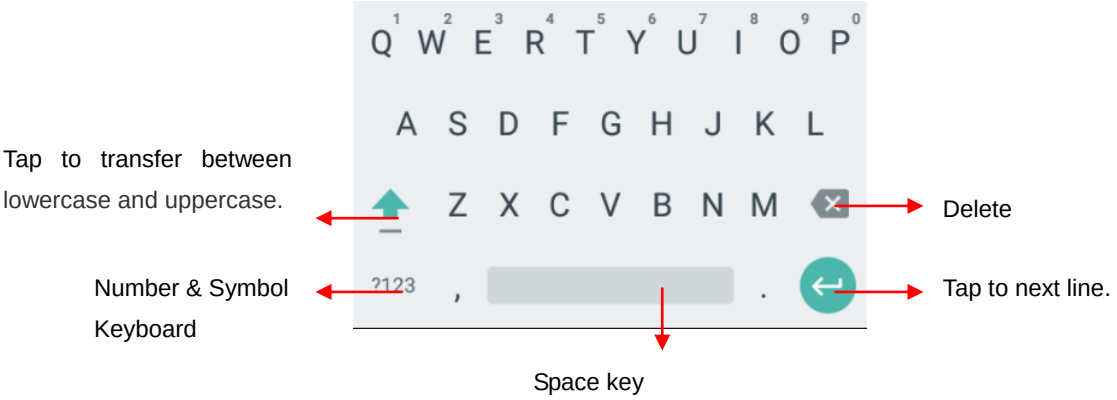
Send a Message

You can use this phone to exchange text messages and multimedia messages with your friends on their mobile phones. The messages come to and from the same contact or phone number will be visible into a single conversation, so you can see your entire

message history with a person conveniently.

Enter text

- Tap the text field to see onscreen keyboard.
- Tap the keys on the keyboard to type; the characters you've entered appear in a strip above the keyboard. With suggestions for the word you are typing to the right.
- Use the Delete key to erase characters to the left of the cursor.
- When you're finished typing, press back to close the keyboard.



6. Multimedia

Camera

Camera is a combination of camera and camcorder that you use to shoot and share pictures and videos. Tap the image on the camera screen where should focus on. You can also change camera setting like transfer front and rear camera, adjust the exposure on this screen.

Take a photo

Touch to set flash to On, Off or Auto.

Touch to transfer between rear camera and front camera.

Touch to enter the Mode Settings.

Touch to enter the Camera Settings.

Slide down the screen to enter Mode Settings

Pinch or spread the screen to zoom in or zoom out.

Touch the screen to focus on it.

Slide right or left to transfer Video, Face beauty, Photo, and last time selected feature.

Touch to enter Gallery

Touch to choose Filter mode.

Touch to take a picture or shoot a video.

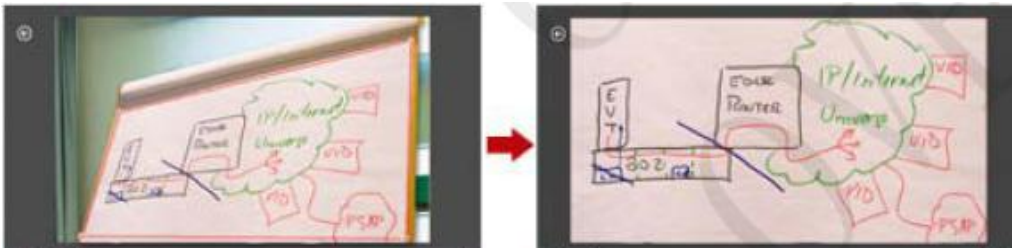
- **HDR Mode -** Improve the effect of bright and dark portions at the same time.

- **Night Mode -** Through nightscape noise reduction, we see the thing as it actually is.

- **Panorama Mode -** Press camera button and move the phone on one direction slowly.

- **Professional Mode -** Change the clarity and focus mode.
- **Time-lapse Mode -** Capture images in low rate and then play with normal or faster rate.

- **Smart scene Mode -** Change camera mode to: Night, HDR, fog/flare or auto based on the view.
- **Text recognition Mode -** Text present in the photograph can be edited.
- **Macro Mode -** Close to the object and get more details.
- **GIF Mode –** Shooting multiple images to form a simple animation.
- **PicNote Mode -** Intelligent crop and optimize the text photo after shooting.



- **Ultra pixel Mode -** Take five times the maximum pixel HD pictures.
- **Smart scan Mode -** Align QR/Bar code within frame to scan.
- **Mood photo Mode -** Easy to shoot a good photo like Polaroid. You can select a filter and write down your mood.

Shoot a Video

- In camera mode, slide the screen to right for video capturing.
- Adjust the quality and other settings if you wish or leave them on automatic mode.
- Point the lens to frame the scene where you want to start.
- Touch the Video icon. Camera starts shooting the video.
- Touch Stop video icon to stop shooting. An image from your most recent video is displayed as a thumbnail at the bottom left.

Gallery

Touch the Gallery icon in the Launcher to view albums of your pictures and videos which you've taken from camera. You may share the pictures and videos with your friends by Messaging, Email, Bluetooth and so on.

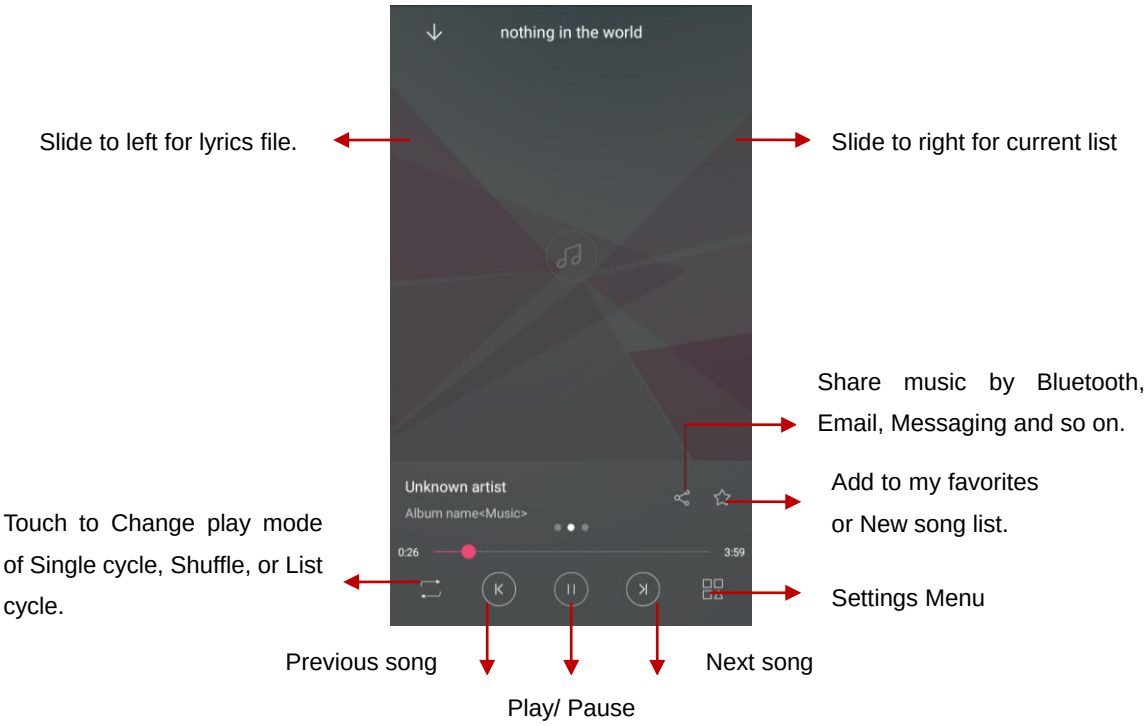
- Preview: Preview let you quick glance the information. Press and hold the specific picture when you are browsing a picture. The picture can be viewed clearly and do

not need to open the single picture.

- To encrypt a picture: Touch "Encrypt" while you are browsing a picture. The picture will be encrypted and hide into Private Album.
- To View Private Album: Slide down with two fingers to enter private album.

Music

You can use Music player to organize and listen to music and other audio files that you transfer to your phone from your computer.



7. Connection

Your phone can connect to a variety of networks and devices, including mobile networks for voice and data transmission, WLAN data networks, and Bluetooth devices, such as headsets. You can also connect your phone to a computer, to transfer files from your phone storage, and share your phone's mobile data connection via USB or as a portable WLAN hotspot.

Airplane mode

Option1: **Settings-->More-->Airplane mode** to turn it on

Option2: Swipe up from the bottom edge to open control center--> More -->tap Airplane mode

Some locations like Airplane may require you to turn off your phone's Cellular network, WLAN, and Bluetooth wireless connections. You can turn off all these wireless connections at once by placing your phone on Airplane mode.

WLAN

WLAN is a wireless networking technology that can provide internet access at distance of up to 100 meters, depending on the WLAN router and your surroundings. You can configure the WLAN as follow:

- **Settings-->WLAN**, check **WLAN** to turn it on.
- Enter **WLAN.** The phone scans for available WLAN networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. The phone will auto login to the network if you have previously connected.
- 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.

Bluetooth

Bluetooth is a short-range wireless communications technology that devices can use to exchange information over a distance of about 10 meters. The most common Bluetooth devices are headphones for making calls or listening to music, hands-free kits for cars, and other portable device, including laptops and cell phones.

To send a file

- **Settings--> Bluetooth**, check **Bluetooth** to turn it on.
- Enter **File Explorer** to select a file, Select **More--> Share--> Bluetooth.**
- Touch **Scan for devices**, the phone will scan for and display the names of all available Bluetooth devices in range.
- Touch the names of the other device in the list to pair them. After pairing the file will be sent.

To receive a file

Settings--> Bluetooth, check **Bluetooth** to turn it on. Ensure your Bluetooth has been connected within visibility time.

You can receive files from the devices which are paired with yours. The file you received will be saved to the "**Bluetooth**" folder in the File Explorer.

To connect to a Handsfree device

- Turn on the Handsfree device, make it in a searchable state;
- **Settings-->Bluetooth**, Select "**Search for devices**";
- After searching for the Handsfree device，Select it in the list to pair.
- After pairing, you can use the Handsfree device to listen to music, video and receive call.

USB

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

Turn on USB connection

1. Connect the phone to your computer with a USB cable.
2. In notification center, tap **USB for charging** to open USB connection.
3. Choose the USB options.
   Charge only, connected as a USB for charging.
   File copy, Transfer music, videos, documents and other documents (MTP).
   View photos, Browse photos in DCIM and Pictures file folder (PTP).
   Install driver - If you are unable to connect, select this item and install the drive to the computer.

✓ **Note:**
Do not disconnect the USB cable from the phone when you are transferring files. Doing so may cause data loss or phone damage.

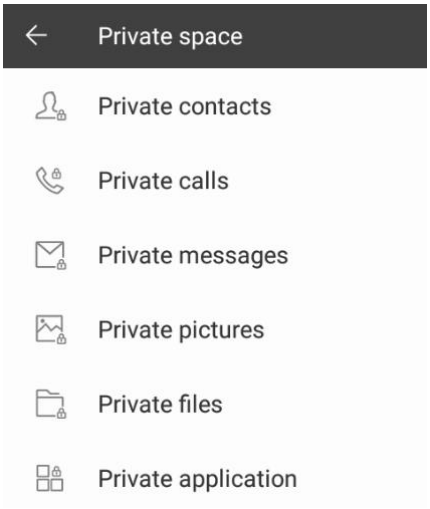
8. Advanced Features

Do not disturb

When Do Not Disturb is enabled calls and alerts that arrive while locked will be silenced. Except the apps which can be allowed to disturb. A moon icon will appear in the status bar. You can add rules or do priority allows to important notice, SMS, Call, and Repeated Calls.

Private space

In home screen or file explorer, double fingers to slide down to view encrypted files.



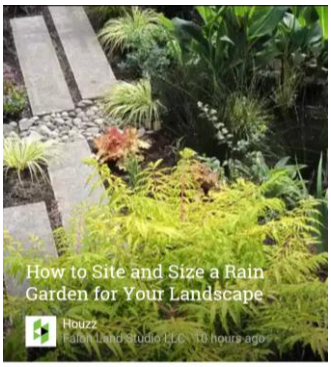
Super screenshot

In the control center, tap to access Super screenshots. Super screenshots includes Normal screenshots, Long screenshots and Part screenshots. To view on: **File Explorer --> Phone Storage / SD card --> Screenshots**

- Normal screenshots
  Capture 1 page in screenshots.

Rain gardens are growing in popularity as an environmentally friendly way to infiltrate stormwater into the home landscape. They have great potential to decrease overall demand on municipal sewer systems and are a cost-effective means of effectively managing storm runoff on site.
There are many different ways of creating rain gardens, and the first step is to determine where

- Long screenshots
  Capture 10 pages at most in screenshots. It’s easy for you to save conversations in commutation tools, articles in website and so on.



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There are many different ways of creating rain gardens, and the first step is to determine where you'll put yours and how big it will be. In this series, we'll explore the basics of designing a rain garden. You can use it to guide a DIY installation or to gain a fuller understanding of rain garden best practices.

View original article with high res images

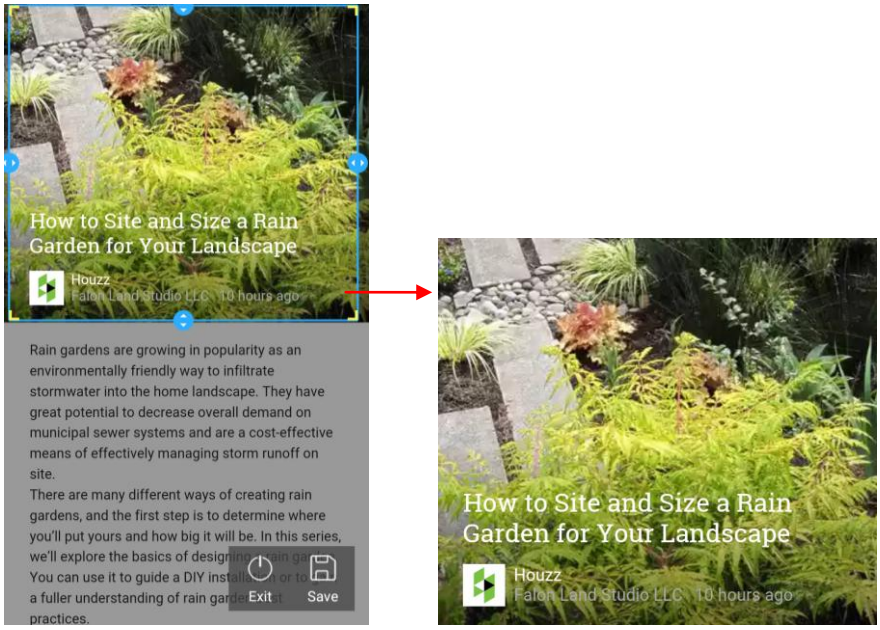
by Anne Roberts Gardens, Inc. | See large photo

What Is a Rain Garden? Rain gardens are planted areas that are designed to capture and slowly allow rainwater and stormwater runoff to infiltrate the landscape. They use natural processes to slow, filter and soak up stormwater, recharging the groundwater and contributing to the overall water quality of our communities.

Upgrade to the full Houzz experience

by Banyon Tree Design Studio | See large photo

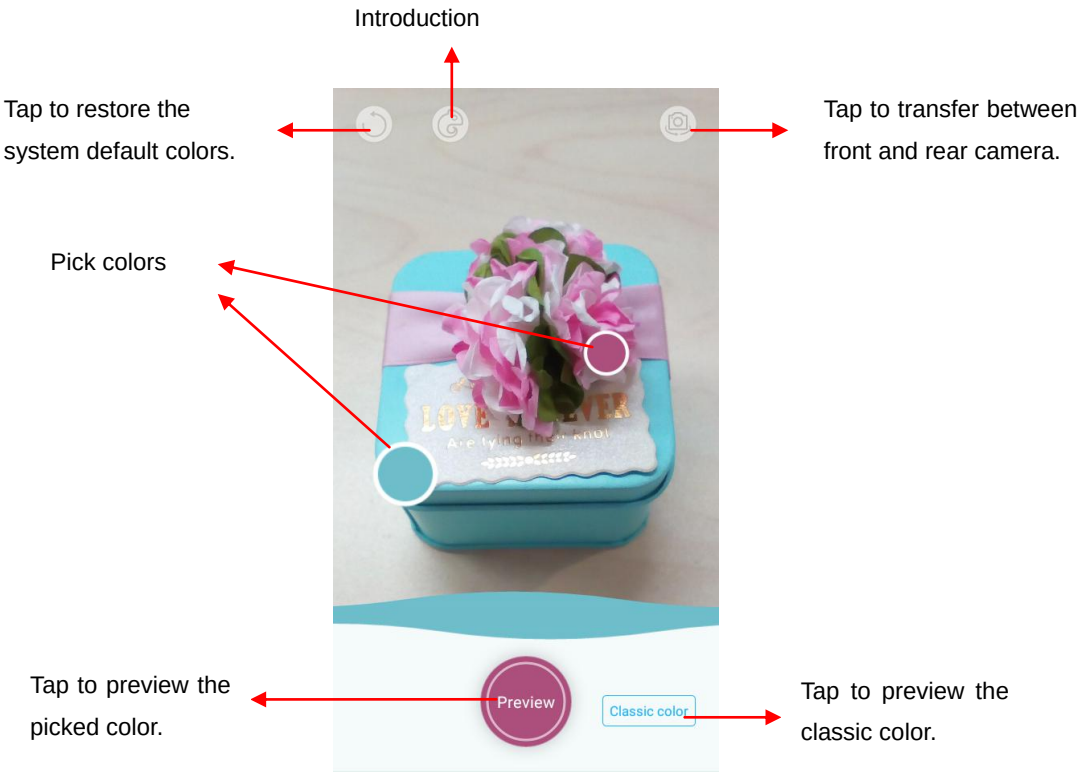
- Part screenshots
  Capture part size in screenshots. You can adjust the size with square on the screen.



Chameleon

With Chameleon, you can pick color with front or rear camera. Click anywhere or drag the color point to pick your favorite to design the colors of phone background.

Home screen --> Tools --> Chameleon



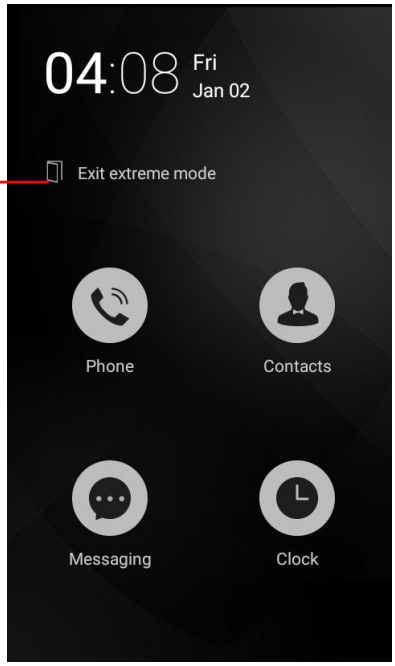
Extreme mode

Extreme mode lets mobile phone enter the minimalist desktop to extend standby time. But only phone, contacts, messaging and clock can be used during this time.

Access to extreme mode

1) **Home screen-->Control center-->Tap Extreme mode**
2) **Home screen-->System Manager-->Power Manager -->Tap Extreme power saving mode**
3) **Settings--> Advanced settings --> Manage battery --> Power manager-->Tap Extreme power saving mode**

Tap to exit the extreme mode



9. Operation

Smart gestures

Settings-->Advanced settings--> Smart gestures to turn it on.

The smart gestures system supports a variety of experience and control, through gesture can be more convenient operation, some of the smart gesture functions will not work while flip cover is closed.

- Pause alarm

Settings--> Advanced settings--> Smart gestures -->Select Pause alarm

Flip back the phone to pause the on-going alarm.

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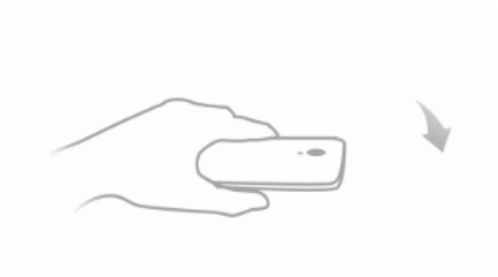
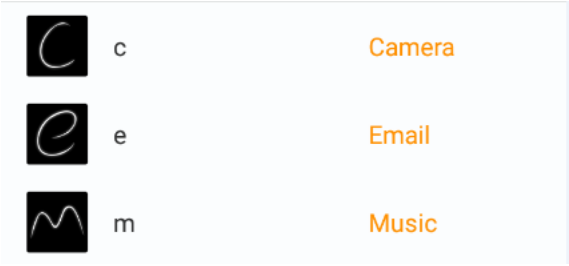


- Black screen gestures

Settings--> Advanced settings--> Smart gestures --> Select Black screen gestures

Draw pattern to access menu quickly while phone is on sleep mode.



- Smart vibration reminder

Settings--> Advanced Settings--> Smart Gestures-->Select Smart vibration reminder

Phone vibrate to remind the unread message or missed call notification in sleep mode.

① ②

- Smart bright screen

Settings--> Advanced settings--> Smart gestures-->Select Smart bright screen

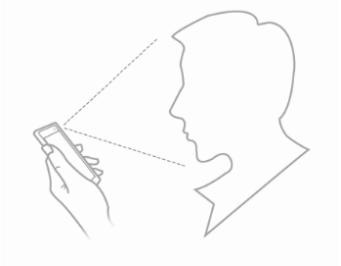
When front camera detects you are viewing screen, the screen can be maintained normally. Enable this function, the status bar will display this icon.

The following scenario, the function maybe failed:

-User doesn't face on the screen

-The light is too strong or too dark

-Front camera is used by other applications



- Double click wakeup

Settings--> Advanced settings --> Smart gestures -->Select Double click wakeup

In sleep screen, quick double tapping can wake up the mobile phone.

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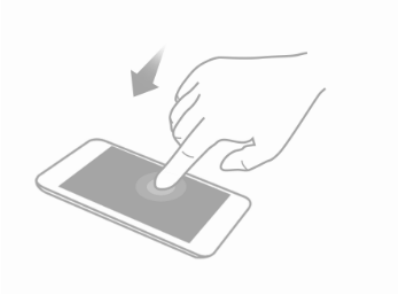
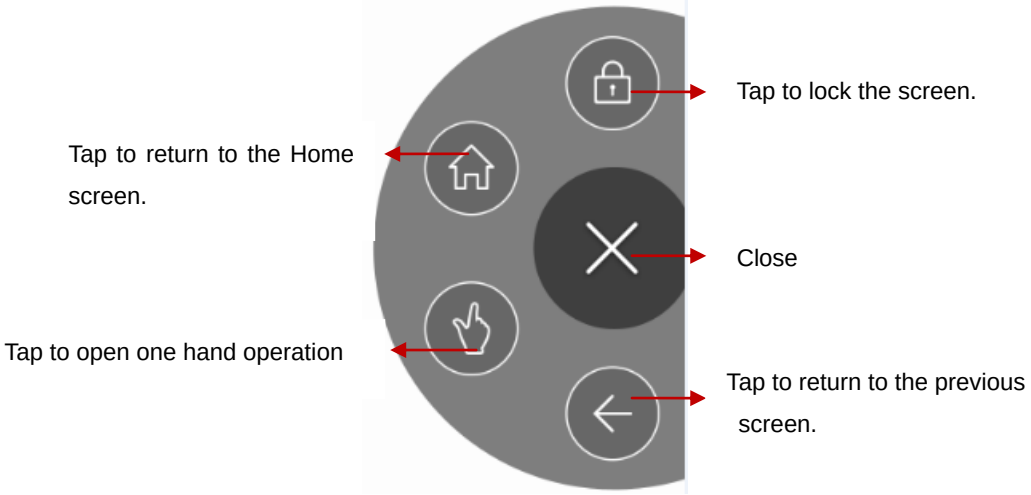


Suspend option

It's a quick access to lock the screen, return to home screen or previous screen, and one hand operation. Long press can hide it in the notification bar.

Settings--> Advanced settings--> Suspend option to turn it on.



10. Warnings and notes

FCC Warning:

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.

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 SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.

Device types PCB-i316 (FCC ID: **2AJ8OPCB-I316**) has also been tested against this SAR limit. The highest reported SAR values for head, body-worn accessory are 0.85 W/kg, 1.08 W/kg respectively. The Max simultaneous SAR is 1.18W/kg. This device was tested for typical body-worn operations with the back of the handset kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.