

SL452 user manual
Mobile Phone

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Safety Information

Please carefully read the terms below:

Use Safely

Do not use your mobile phone where it might cause danger.

Transportation Safety

Please observe all transportation laws and regulations.

Please drive with both hands on the wheel.

DO NOT TEXT AND DRIVE

Hospitals

Please follow limitations.

Please turn off your mobile phone when near medical instruments.

Airports

Please follow all flight safety regulations and do not use your phone during flight.

Toxic Chemicals

Do not use your mobile phone around fuels or chemicals.

Explosion Hazard

Please observe related limitations and do not use your mobile phone around an area where explosions may occur.

Accessories and Batteries

Please use only Blu authorized accessories and batteries.

Backup

Please remember to keep a written record of all important information.

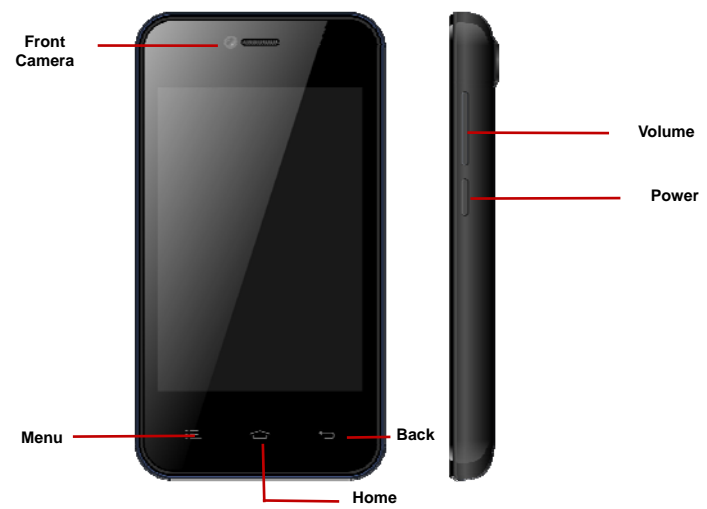
Water

Your phone is not waterproof. Keep it away from water and liquids.

SOS Emergency Calls

Make sure your mobile phone is switched on and in a service area. In home screen, tap the phone key and dial 911/112 and send.

Appearance and Key Function





Introduction

Installation of the SIM Card

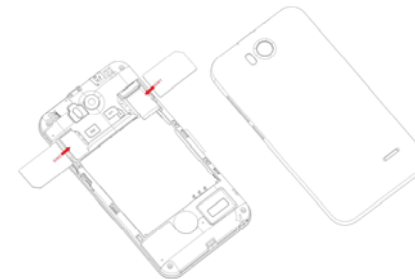
Please install the SIM card before using your phone.

Note: Please keep the SIM card out of the reach of children. The SIM card and its contact are easily damaged due to scratching or bending. Please be cautious when carrying, installing or taking out the SIM card.

To insert SIM card(s):

1. Switch off the mobile phone and remove the rear cover.
2. Insert the SIM card(s)

SIM Slot(s)



3. Replace the rear cover of the mobile phone and power on.

Power On and Off

On - Please ensure the SIM card has been properly inserted into the phone. Long press the Power key

to switch on the phone on.

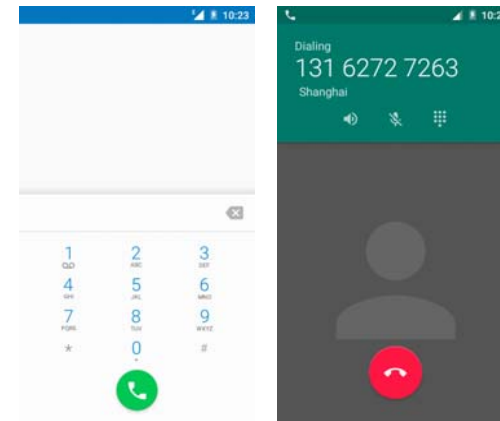
Off - In standby mode, long press on Power key until an options menu appears. Select OFF in the menu and confirm

Password Lock

You may set a screen unlock picture or a PIN code lock as a security measure. For further information regarding password locks, password revision and other functions please enter the security settings of the phone.

Call Functions

At the dial keyboard, enter the phone number and then click the dial key. You may choose which SIM card the call will be placed on. If dialing an extension, you may click the dial pad icon in the bottom of the screen to open the interface and enter the number of the extension. You may also enter an input number and call contacts through speed dial.



Call Logs

Every telephone number called and received will be saved in the phone's call log. All numbers in the call log can be dialed directly by clicking the dial icon on the right side of the screen. When the number appears on the list, click it to view details.

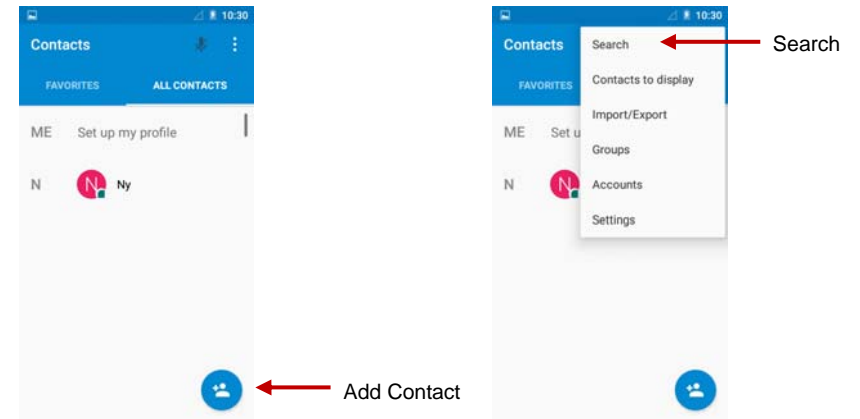
Proximity Sensor

The proximity sensor determines how far away an object is from the device. During the call or when you place the phone close to the ear, the backlight will turn off automatically which conserves battery and prevents inadvertently touching.

Contacts

Enter: Click on the applications menu and select contacts

- The default display is the phone contacts and SIM card contacts
- The contacts are organized alphabetically by default.



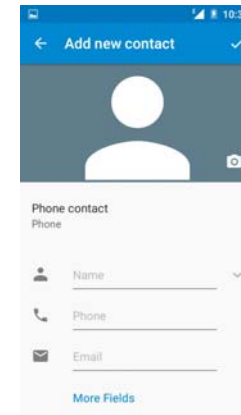
Click the Search icon to enter the contact search interface.

- Any numbers or letters associated with any of the contacts saved in the list will be shown in the search results.
- If there were no matches for the inputted contact, the interface will display no contacts found.

Add New Contact



1. Click "Add Contact" icon
2. Select to save contacts to phone or SIM card
3. You may edit contact picture, name, telephone number, group, address, and email among other options
4. Click to finish and save contact.



Messaging

You may use this function to exchange text messages and multimedia messages with your family and friends. The messages to and from the same contact or phone number will be saved into a single conversation so you may see the entire message history conveniently.

Send an SMS


Application Menu » Messaging » New message

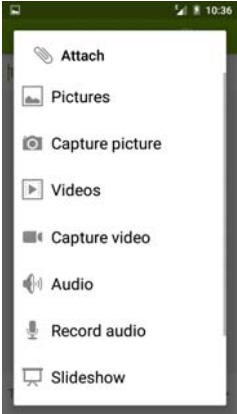
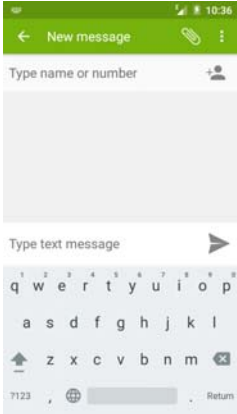
(or use shortcut icon)

1. Click to enter recipient (You may enter contacts from contact book or enter a new number)
2. Compose Message
3. Send

Send an MMS

When creating message, the default message style is SMS. The message will automatically convert to MMS when adding an attachment.

1. Click the  icon in the messaging interface.
2. Chose to add attachments.



Internet Browser

Menu Functions

Backward

- After browsing through multiple pages, this option will return the user to the previous page.

Forward

- After browsing through multiple pages, this option will move to a web page after the current page.

Windows

- You may view all windows open by clicking the windows icon in the upper right part of the browser.

Bookmarks

- Click the Bookmarks option to make the current URL as a saved Bookmark.
- Click Bookmarks to opened saved bookmarks.

More

Find on page: Search current page.

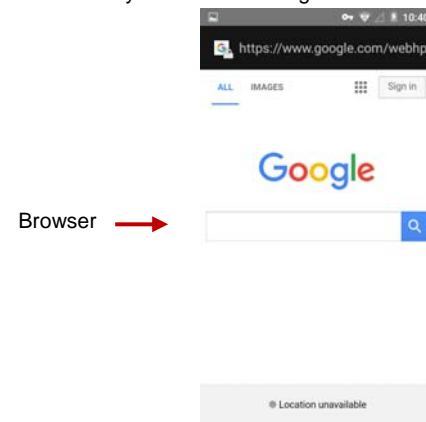
Share page: Select to share the current page.

Save for offline reading: Saves page for offline reading.

Page info: Display page address and other information of the current browsing

History: Show your browsing history and view the most visited pages.


Settings: Contains a variety of browser settings.



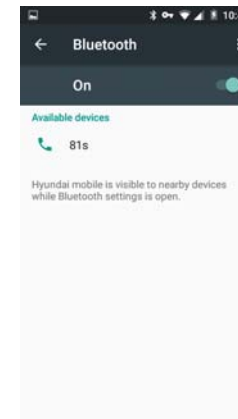
Bluetooth

Bluetooth is a short-range wireless communications technology that devices can use to exchange information and connect to different types of devices which include headsets, car kits, and other devices.

Power on Bluetooth

- 1) Settings » Wireless & Networks » Bluetooth and select to power on Bluetooth.
- 2) The Bluetooth icon will appear grey in the  in the notification bar, and the phone will start to scan for all devices within range.
- 3) In Bluetooth settings all the devices found will displayed in the list under the icon.

Note: The maximum detecting time of the phone is 2 minutes.



← List of available devices

Camera

Camera


Prior to use: Install memory card before using the camera or video camera. All photos or videos taken by the phone are stored in the memory card.

Open Camera


1. Applications Menu » Camera
2. Switch to video mode if you want to record videos.



Note: You may also place a camera shortcut on any of the screens

Take photos

1. In the All Apps screen, touch the **Camera** icon to open the camera.
2. Tap the  icon to take photos after the view is satisfactory.
To view it, slide the screen to the left or just tap the picture in the right corner of the screen.

Record video clips

You can use  icon to change from Camera to Camcorder or vice versa.


Tap the  icon to start recording and touch the  icon to end.

After a video is recorded, you can slide the screen to the left or touch the frame in the corner to view the video.

Camera settings

On the camera screen, touch the  icon, and then touch  to set **GPS location info, Exposure, Color effect, Scene mode, White balance and Anti-flicker**. Touch  to set **Face Detection, Self timer, Continuous shot,**

Picture size and Preview size. Touch  to set **Microphone, Audio mode, Time lapse interval and Video quality.**

Touch the  icon to change to the back or front camera.



← Camera Options

← Select from
Camera or Video

Gallery

Open Images

Applications Menu » Gallery

Share Pictures

You may share pictures by sending them through Gmail or the E-mail application. You may also send pictures through the MMS message function by composing a message and attaching the picture. Any image can also be sent via the Bluetooth function by selecting Bluetooth equipment that has been paired.

Adjust Image

Press Menu and Edit to adjust images

Edit light: Fill Light, Highlights, Shadows, Auto-Fix.

Edit image effects: Cross-process, Posturize, Logo, Documentary, and Fish Eye.

Color Effects: Warmth, Saturation, B&W, Sepia, Negative, Tint, Duo-tone, Doodle.

Crop: Crop, Red Eye, Straighten, Rotate, Flip, Sharpen.

View Images

In the picture interface, click on an album to view images

You can choose to display small or large thumbnails. In the photo album, scroll the picture towards left to view the next picture or towards right to view the previous one.

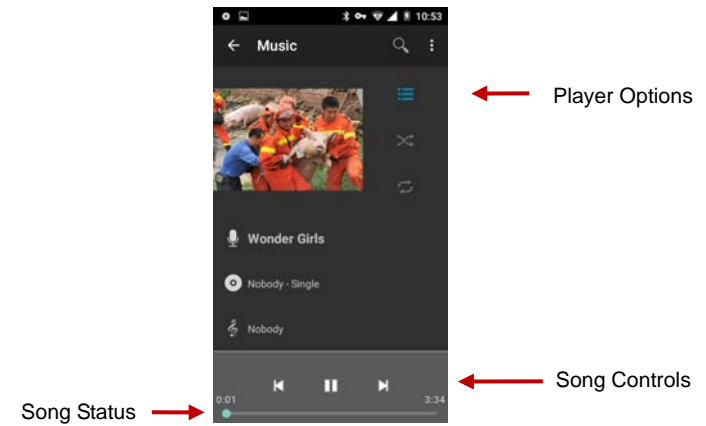
Crop Pictures

1. If you want to adjust the size of the picture, use the crop tools. Once the arrow appears, pinch your fingers in or out to adjust the size.
2. If you want to adjust the image and keep its proportion, please hold down any of the four corners of the image and adjust.

Music

Open Music

Application Menu » Music



Search Music

You may choose to search for music from media folder through artist name, song name, album name.
The following formats are available: AMR, M4A, MIDI, MP3, WAV, and OGG.

Sound Recorder

The Sound Recorder can record voice or any audio.

You may send any recorded audio via Bluetooth or MMS and also have the option to make any recorded audio the phones default ring tone.

Notice: The recorder only uses AMR 3GPP format.

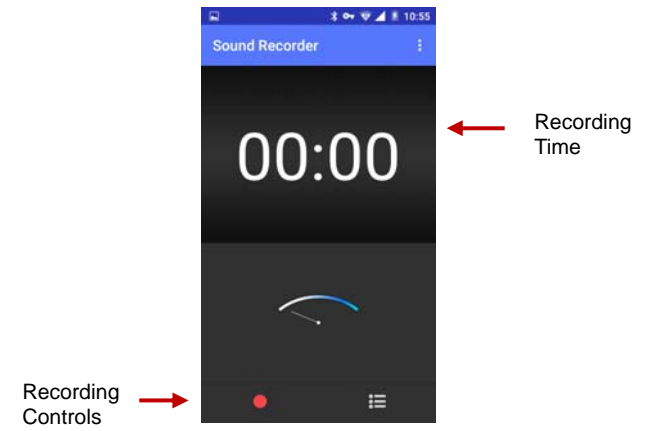
Record

-Keep the phone's microphone near the voice source.

-Click the record button to record the audio.

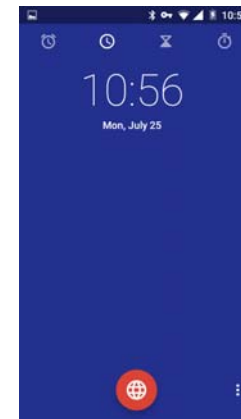
-Click the stop button to stop recording the audio.

All recordings will be saved in my recording folder in the default music program.



Alarm Clock

1. Click on the Clock icon in the application menu
2. Click set alarm button and enter the alarm clock set interface where you may add and edit alarms



Click to add, edit
or delete alarms









FM Radio

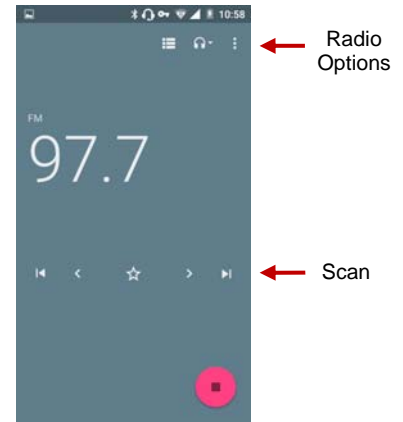
FM Radio

Through this function, you may listen to FM radio on the device. The FM radio uses the wired headphones as an antenna in order to receive signal. Before using this function, connect the original equipment headphones that came with the phone.

Open FM radio

Press the FM Radio icon to open the application.

- Tap  or  to scan for available FM channels.
- Tap  /  to change the frequency by +/- 0.1 MHz.
- Press the Volume Keys to adjust the volume.
- Touch  to select preset list.
- Touch  to switch off the radio.
- Touch  to search radio channels, choose the sound from speaker and record FM.
- Touch  to add to favorites/remove from favorites.



FM Radio as Background

Click on the Home key to move the FM Radio program to the background.

Settings

Wi-Fi / WLAN

- **Wi-Fi » Wi-Fi settings » Click Wi-Fi** to power on. When switched on, the Wi-Fi will automatically search for available networks. Any unsecured network can be used directly and any secured network requires a password or credentials prior to connection.

Bluetooth

- Press the switch to power on Bluetooth. Once on, the Bluetooth will automatically scan for any nearby open equipment.

Data Usage

- Data usage and mobile data traffic limit.

SIM Management

- Select to disable the SIM card.
- Network Operators.

Wireless & Networks

- Airplane Mode
- VPN
- Tethering & Portable hotspot
- Mobile networks and APN Settings

Note: When in flight mode, Wi-Fi will turn off automatically.

Audio Profiles

This option sets the phone tone settings for receiving calls or notifications. Some of the settings include

- Vibrate, volume, ring tones, ring tones notification and haptic feedback tones

Display

(a) Brightness (b) Auto rotating screen (c) Wallpaper (d) Screen Timeout

Storage

- View the SD card and phone memory usage.
- Allows the removal or formatting of the SD card.
- Allows selection of the default memory.

Battery

- General power usage

Apps

- Manage applications - Manage and delete installed applications.
- Running services - Press any of the services listed in the two-button operation box. Press the

'Stop' button to stop any of the services listed and removes from the "running services" list.

Location Access

- Use wireless - Use wireless services to find locations in applications.
- When using the GPS satellite positioning, set accuracy to street level (Cancel it to save battery).

Security

Set up screen locks: Use a pattern, PIN or password to lock the screen.

- Pattern: The first time there will be simple unlock instructions and examples. Click "next step" to continue the security pattern step.
- PIN: Enter PIN number to unlock the screen.
- Password: Set password to unlock the screen.

You may stop the security feature at any time.

Set up SIM card PIN lock

- SIM card PIN (Personal Identification Number) is used to prevent unauthorized use of SIM cards.

To change a blocked PIN code, you will need to unlock the SIM lock then go to the Change Password screen. The phone will automatically prompt you enter the old PIN code and ask to enter a new PIN code twice. The phone will then prompt you that the change was successful. If you enter the PIN incorrectly three times, the SIM and PIN codes will be automatically locked. You will need the PUK code to unlock the phone which is available through your service provider. If you enter the PUK code incorrectly 10 times, the SIM card will be permanently locked. Please see your service provider for a

new SIM card.

- Password visible – Make the password visible when it's typed.
- Use security credentials - Allow applications to visit security credentials or other credentials.
- Install from SD card - Install the encrypted certificate from SD card.

Language & Input

- Language – Change the language of the phone.
- Custom Dictionary - Add or delete words to the custom dictionary.
- Keyboard Settings – (a) Haptic vibration (b) Haptic tones (c) Capitalizing (d) Speech Input (e) Inputting words (f) Predictive text function (g) Auto-Text (h) Input keyboard method

Backup & reset

- Backup Data – Will back up all application data, WLAN passwords, and other settings to Google's servers
- Restore to Factory Settings - Clear all data stored on the phone.

Date & Time

- Automation - Use date and time provided by Network.
- Date and Time adjustment.
- Time Zone - Select Time Zone according to where your location.
- Select Time Format.

Schedule Power On & Off

- Schedule power on and off

Accessibility

- Power button ends call
- Speak Passwords
- Touch Delay

Developer Options

If the phone does not display Developer options, to access: Press '**Build number**' seven (7) times in the about phone tab in settings.

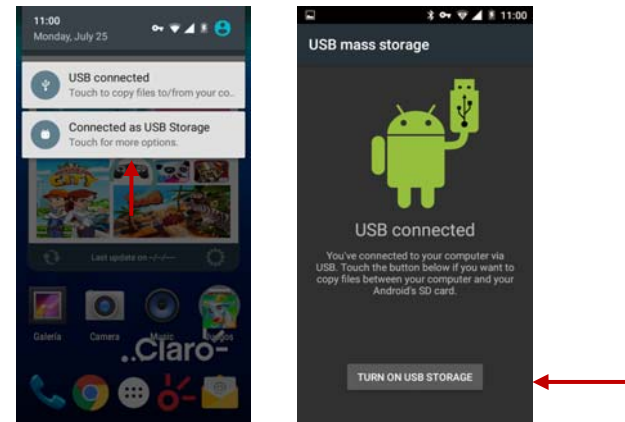
- The developer options gives access to USB Debugging and other developer options

About Phone

- You can check the information on status and remaining power
- You may periodically check for any software or firmware updates through the System Updates option.
- Unlock Developer options

Storage

Connect the phone with the USB cable provided. Once connected, a connection icon will appear in the status bar. Slide down bar and click on connection icon. Once in the connection mode interface, select USB mass storage and turn on from the connection screen.



Some system settings and user interface (UI) options may vary depending on final SW version.

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 SL442 (FCC ID: N2GSL452) has also been tested against this SAR limit. The highest reported SAR values for head and body-worn accessory are 0.45 W/kg and 0.80 W/kg respectively. The Max simultaneous SAR (Hotspot Mode) is 0.97W/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.