About this Manual ....

Thank you for choosing the REVVL® 5G In order to keep your device in its best condition, please read this manual and keep it for future reference.
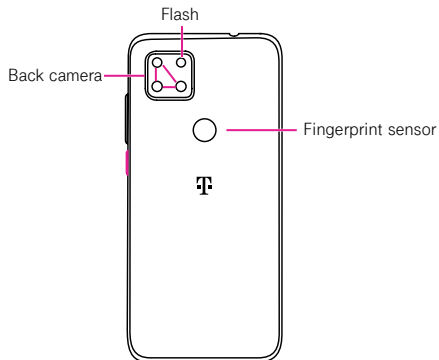
Table of Contents

1 Getting Started ....

1.1 Overview

Headset connector   Microphone

Front Camera

SIM and
microSD™
tray

Volume
keys

Power
key

12:00   5G

Sunday, Jan 12

Microphone   Speaker

USB Type-C

Flash

Back camera

Fingerprint sensor

Recent Apps button

- Touch to open a card view of applications you've worked with recently. Swipe up on the screen to remove a specific thumbnail from the list, or touch **CLEAR ALL** to remove all thumbnails from the list.

Home button

- From any application or screen, touch to return to the Home screen.

- Touch and hold to open Google Assistant. Through this function, you can search for information online, open apps on your phone, send messages, etc.

Back button

- Touch to go back to the previous screen, or close a dialog box, options menu, the Notification panel, etc.

Power key

- Press: Lock the screen/Light up the screen.
- Press and hold: Show the popup menu to select from Power off, Restart or Screenshot.
- Press and hold the **Power** key and **Volume** down key to take a screenshot and save it.
- Press and hold the **Power** key for at least 10 seconds to force reboot.

Volume Keys

- Adjust the call volume during a phone call.
- Adjust the media volume while listening to music or a video, or streaming content.
- Adjust the ringtone volume.
- Mutes the ringtone of an incoming call.
- While using the Camera, press the Volume up or down key to take a photo, or touch and hold to take several photos.
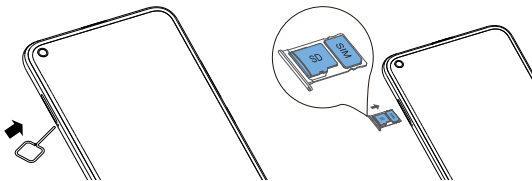
1.2 **Setup**

Inserting Nano SIM card

You must insert your Nano SIM card to make phone calls using your network.

> Your phone only supports Nano SIM card. Do not attempt to insert other SIM types like Mini or Micro cards, otherwise you may damage your phone.

Note: Even if no SIM card is installed, your phone will still power on and you will be able to connect to a Wi-Fi network and use some of the phone's features.

Setup your phone for the first time

The first time you power on the phone, you should set the following options:

- Touch ▼ to select the phone's language, then touch START.

- Select an enabled Wi-Fi, touch **Set up offline** and **CONTINUE**.

- Copy your app & data from other device or touch **Don't copy** to continue.

- Set PIN for a screen lock, otherwise touch **Skip** to continue.

- Set up Face key to unlock screen by touching **Add face data**, otherwise touch **Skip**.

- Touch **SETUP TIME** and then **Set install time** to update the system at your set time once there is the latest verion.

1.3 Home Screen

You can bring all the items (applications, shortcuts, folders and widgets) you love or use most frequently to your Home screen for quick access. Touch the Home button to switch to the Home screen.
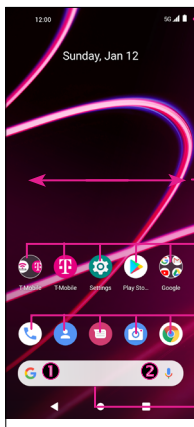
Status bar
- Status/Notification indicators
- Swipe down to open the Notification panel

Swipe left or right to view more screens

Touch to open an application, folder, etc.

Favorite apps tray
- Touch to open the application.
- Touch and hold to move or change applications

Search bar
❶ Enter text search screen.
❷ Enter voice search screen.

1.4 **Status Bar**

The Status bar appears at the top of your Home screen. Icons indicating your phone's status and new notification alerts appear in the Status bar.

Icon	Status	Icon	Status
$\ast$	Bluetooth® active		Battery (fully charged)
$\updownarrow$	Wi-Fi® active		New message
	Network (full signal)		Vibrate mode
5G	5G data service		Screenshot captured
	Airplane mode		Connected via USB cable
$\bigcirc$	Alarm set	M	New Gmail message
	Battery (charging)	$\mathbb{N}$	NFC is on

2 About Your Phone ....

2.1 Power On/Off

Hold down the **Power** key until the phone powers on, unlock your phone (Swipe, Pattern, PIN, Password, Fingerprint or Face key) if necessary, once unlocked, Home screen is displayed.

If you don't know your PIN code or if you have forgotten it, contact Customer Care. For Safety, please do not store PIN code in your phone.

Press and hold the **Power** key until options appear, then select **Power off**.

Charging

Insert the small end of the charging cable into the charge port, and plug the charger into an electrical outlet.
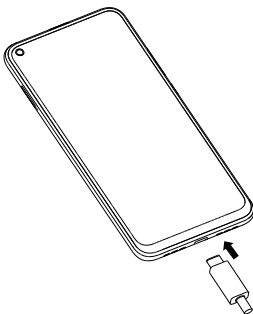
2.2 Battery

To optimize your battery life, you may do the following:

Turn on power saving mode

- Go to **Settings** > **Battery** > **Battery saver**

- Touch TURN ON NOW to activate the battery saving mode.

Lower screen brightness

- Go to **Settings** > **Display** > **Brightness level**

- Lower the brightness by sliding ⚙ to the left.

Screen timeout

- Go to **Settings** > **Display** > **Advanced** > **Screen timeout**

- Select the screen timeout duration.

3 Personalize Your Phone...............................

3.1 **Language**

Your device supports multiple languages. You can change your phone language by:

- Go to **Settings** > **System** > **Languages & input** > **Languages**.
- Touch **+ Add a language** to select a language from the language list.
- Touch and hold ▬ beside the desired language, drag it to the top of the list.

3.2 **Date & time**

Go to **Settings** > **System** > **Date & time**.

Use network-provided time

Turn on ⬤ to enable the network-provided time.

Use network-provided time zone

Turn on ⬤ to enable the network-provided time zone.

If **Use network-provided time** is turned off, you will have the following two options to manually set the date and time:

- **Set date**

  Touch to open a dialog in which you can manually set the date.

- **Set time**

  Touch to open a dialog in which you can manually set the time.

If **Use network-provided time zone** is turned off, you will have the following option to manually set the time zone:

- **Time zone**

  You can select the time zone and region manually.

- **Time format**

  You can toggle the switch to use **24-hour format** or not.

3.3 NFC

Go to **Settings > Connected devices > Connection preferences > NFC**.

NFC allows data exchange when the phone touches another device.

3.4 Display

3.4.1 Dark mode

Your screen will become black in this mode, which makes it easier to look at your screen or read in dim light.

3.4.2 Eye comfort mode

Eye comfort mode can effectively reduce blue light radiation and adjust the color temperature to relieve eye fatigue. You can also create a custom schedule to turn on it.

3.4.3 **Auto-rotate screen**

Select whether the screen rotates automatically or not.

3.4.4 **Wallpaper**

Adjusting Wallpapers

▪ Go to **Settings** > **Display** > **Wallpaper.**

▪ Touch **Wallpapers** to select from pre-loaded wallpapers.

▪ Touch **Photos** to select from images that are stored on your device.

3.5 **Sound**

Adjusting volume:

▪ Press the volume keys that are located on the right side of the device to adjust the Ringtone & Notification volume.

▪ You can also go to **Settings > Sound** to adjust the volume for media, call, ring and alarm.

Adjusting tones

▪ Go to **Settings > Sound > Phone ringtone**.

▪ You may select ringtones for phone, notification, alarm as well as other sounds.

Adjusting other sounds

All other sounds that are related to Dial Pad, Screen locking and Charging sound can be adjusted to by doing the following:

▪ Go to **Settings** > **Sound** > **Advanced** > **Other Sounds and vibrates**.

3.6 **Digital Wellbeing & parental controls**

In this menu you can find how much time you have spent on the phone and even on each app. You can customize the time limit for using the phone so that have a healthy and balanced life.

In addition, parents are able to restrict their children's usage time to manage their browsing habits.

4 Application..

Making a call

To make a call, touch 📞.

Touch to send a message,
block the number or view
call details
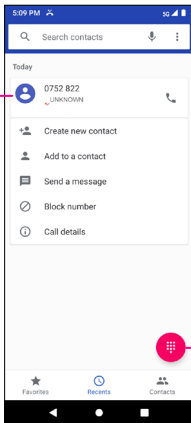
Show the dial pad

Suggested numbers are displayed as you enter numbers on the dial pad.

Touch and hold to access voicemail
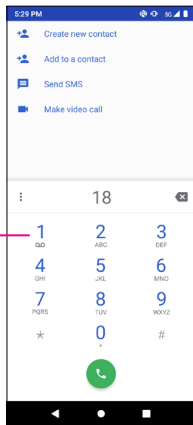
Enter the desired number from the dial pad and touch 📞 to place the call. Or select a contact from Favorites ⭐, Recents 🕐 or Contacts 👥 by touching the tabs.

The number you entered can be saved to **Contacts** by touching **Create new contact**.

If you make a mistake, you can delete the incorrect digits by touching ⊗.

To hang up a call, touch 📞.

International call

To dial an international call, touch and hold 0 to enter "+", then enter the international country prefix followed by the full phone number and touch 📞.

Emergency call

If your phone has network coverage, dial the emergency number and touch 📞 to make an emergency call. This works even without a SIM card and without typing the PIN code.

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Answering or rejecting a call

When you receive a call:

- Slide 📞 up to answer;

- Slide 📞 down to reject;

- Touch ▤ to reject the call by sending a preset message.

To mute the ringtone of an incoming call, press the **Volume** key.

Voicemail

Your voicemail is provided to avoid missing calls. It works like an answering machine that you can consult at any time.

To access your voicemail, touch and hold 1 .

To set your voicemail number: touch **Phone** 📞 and , go to menu ⋮ > **Settings > Voicemail > Advanced Settings > Setup > Voicemail number**.

If you receive a voicemail, $\mathbf{Q}\mathbf{O}$ appears in the Status bar. Open the Notification panel and touch **Voicemail**.

4.2   Contacts ....

Contacts enables quick and easy access to the contact you want to reach.

You can view and create contacts on your phone and synchronize them with your Gmail contacts or other applications on the web or on your phone.

Adding a contact

Touch ➕ in the contact list to create a new contact.

Enter the contact's name and other contact information. By scrolling up and down the screen, you can move from one field to another
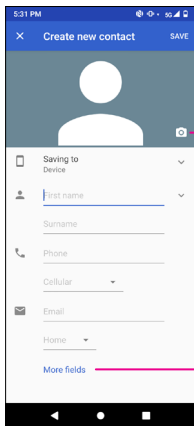
When finished, touch **SAVE** to save

Select a picture or take a photo for the contact

Touch to open available labels

When finished, touch **SAVE** to save.

To exit without saving, you can touch ✕ and then touch **DISCARD**.

Editing your contacts

Touch ✏ in the contact details screen to edit. When finished, touch **SAVE** to save.

Add to/remove from Favorites[1]

Touch a contact to view details then touch ☆ to add the contact to favorites.

Touch the star ★ to remove a contact from favorites.
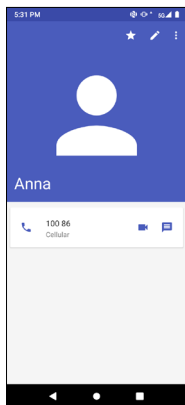
Deleting a contact

From the contact list screen:

• Touch and hold the contact you want to delete, then touch 🗑 and confirm to delete.

[1]   Only phone contacts can be added to Favorites.

- Mark the checkbox of all contacts, then touch 🗑 and confirm to delete all contacts.

From the contact details screen:

- Touch ⋮ then select **Delete**. Select **DELETE** when prompted to confirm.

💡 The contact you have deleted will also be removed from other applications on the phone or web the next time you synchronize your phone.

Sharing a contact

You can share a single contact with others by sending the contact's vCard to them via Email, Messages, and Bluetooth. Select a contact you want to share, touch ⋮ and then select **Share.**

Available options

From the contact list, you may also make further settings by touching ≡.

Settings

▪ **My info**	Touch to set up your profile
▪ **Accounts**	Touch to add account and configure related info.
▪ **Default account for new contacts**	Touch to choose the default place to save a new contact.
▪ **Sort by**	Touch to sort the list by the first name or last name.
▪ **Name format**	Touch to choose whether to display first name first, or last name first.
▪ **Phonetic name**	Touch to choose display or hide phonetic name.
▪ **Import/Export**	Import or export contacts between phone, SIM card, microSD card and phone storage, etc.

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- **Blocked numbers**   Add numbers here so that you won't receive the calls or texts from them.

- **About Contacts**   Touch to view the build version, open source licenses and so on.

4.3 Messages...

4.3.1 Messaging

Use the messaging app ▢ to send and receive text (SMS) and multimedia (MMS) messages.

Creating a message

On the Messaging list screen, touch ⊕ to write text/multimedia messages.

Add recipients

Type the text message
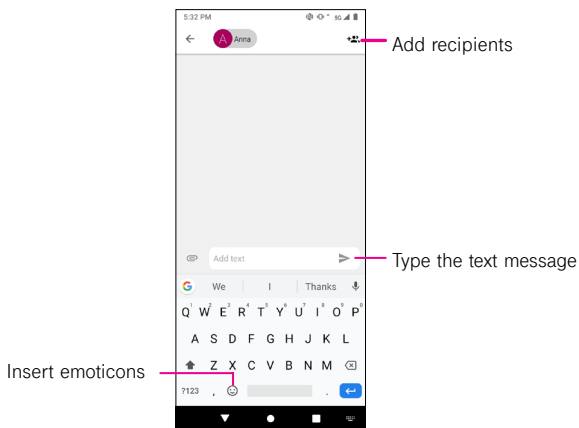
Insert emoticons

Sending a text message

- Enter the name or the phone number of the recipient in the **To** bar or touch **+🙎** to add recipients.
- Touch the **Add text** bar to enter the text of the message.
- Touch 😊 to insert emoticons.
- When finished, touch ➤ to send the text message.

An SMS message of more than 160 characters will be charged as several SMS. A counter will be on the right of the text box to remind you how many characters are allowed to be entered in one message.

 Specific letters (accented) will also increase the size of the SMS, this may cause multiple SMS to be sent to your recipient.

Sending a multimedia message

MMS enables you to send video clips, images, audios and Vcard to other compatible mobiles and e-mail addresses.

- Enter the recipient's phone number in the **To** bar.
- Touch the **Add text** bar to enter the text of the message.
- Touch 📎 to attach a picture, video, audio or contact.
- When finished, touch ➤ to send the multimedia message.

Managing messages

When receiving a message, 📑 will appear in the Status bar as a notification. Drag down the Status bar to open the Notification panel, touch the new message to open and read it. You can also access the Messaging application and touch the message to open it.

Messages are displayed as a conversation.

Touch a message to enter the message composing screen:

- Touch 📞 to call the number.

- Touch 👤 to save the number to contacts or view the contact details if the number has been saved.

- To reply to a message, enter the text. When finished, touch ➤.

- If you touch and hold a message, the following options will be available: delete 🗑, turn off notification 🔕, archive ⬇, etc. Touch ⋮ to add contact.

4.4   Gmail .... M

Setting up Gmail

To set up your email account, swipe up from the Home screen, then select **Gmail** M.
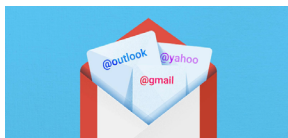
Select ➕ to add an email address.

An email setup process will guide you through the steps to set up an email account.

- Select the type of email account that you have and enter the email address and password of the account you want to set up.

- If the account you entered is not provided by your service provider in the device, touch **Other** and then **MANUAL SETUP** after entering the email address, select an account type and enter password of your email, then correctly fill in server and port in both **Incoming server settings** and **Outgoing server settings** interfaces. Finally touch **FINISH** to complete setup.

- To add another email account, you can touch ☰ on the upper left corner and select **Settings**. And then touch **Add account**. Or you can touch the account name on the upper right corner and select **Add another account** to implement this function.

Sending an email

- Touch ➕ from the Inbox screen.

- Enter recipient(s) email address(es) in the **To** field.

- If necessary, touch ∨ > **Cc/Bcc** to add a copy or a blind carbon copy to the message.

- Enter the subject and the content of the message.

- Touch ⊜ to add an attachment.

- If you do not want to send the mail right away, you can touch ⋮ and **Save draft** or touch the **Back** key to save a copy.

- Touch ▷ to send.

If you do not want to send or save the email, you can touch ⋮ and then select **Discard**.

To add a signature that will appear on all of your emails, touch ☰ and select Settings, then choose the account that you want to create or modify the signature, touch **Mobile Signature** to edit.

Note: If you are seeing a "password incorrect" error when setting up your Gmail Account in Gmail app, please review the following options:

Option 1. Generate an App password

An App password is a 16-digit passcode that gives an app or device permission to access your Google Account. If you use 2-Step-Verification and are seeing a "password incorrect" error when trying to access your Google Account, an App password may solve the problem.

Steps to generate an App password:

- Visit your App passwords page https://myaccount.google.com/security/signinoptions/two-step-verification. You may be asked to sign in to your Google Account.

- At the bottom, click **Select app** and choose the app you're using.

- Click **Select device** and choose the device you're using.

- Select **Generate**.

- Follow the instructions to enter the App password (the 16-character code in the yellow bar) on your device.

- Select **Done**.

- Once you are finished, you won't see that App password code again. However, you will see a list of apps and devices you've created App passwords for.

If generate an app password does not fix "Password incorrect" issue, please proceed to Option 2 or Option 3.

Option 2. Change your settings to allow less secure apps

- Go to the "Less secure apps" https://www.google.com/settings/security/lesssecureapps section in My Account.

- Next to "Access for less secure apps," select **Turn on**.

- You can now setup your email using your username and password. If you continue to see a "password incorrect" error, please proceed to Option 3.

Option 3. Access Gmail through browser

If you don't want to change your security settings, please follow steps to access your Gmail:

- From the home page, press the OK button and press on the Browser. Enter https://www.google.com/gmail/ on the browser URL tab.

- Enter your username and password to log in.

4.5 Chrome ....

Using Chrome, you can enjoy surfing the Web.

To access this function, touch Chrome 🔵 from the Home screen.

4.6 Calendar ....

You can use **Calendar** to keep track of important meetings, appointments, etc.

To access the function, swipe up from the Home screen, then touch **Calendar**.

Viewing calendars

You can display the Calendar in **Schedule**, **Day**, **3 days**, **Week** or **Month** view. Touch ☰ and select your desired calendar view.

Schedule view · **Day view** · **3-day view** · **Week view** · **Month view**
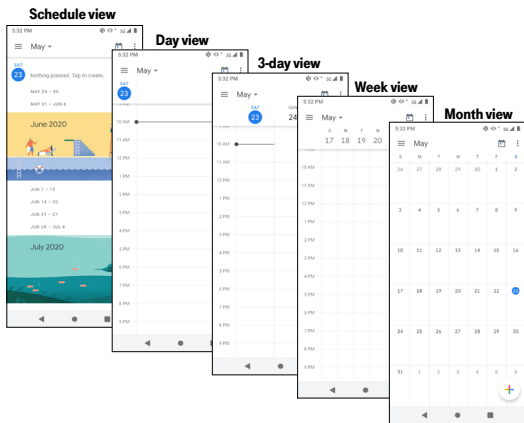
Creating a new event

You can add new events from any Calendar view.

- Touch +.

- Fill in all required information for this new event. If it is a whole-day event, you can turn on 🔵 of **All-day**.

- Invite guests to the event. Enter the email addresses of the guests you want to invite with commas to separate. The guests will receive an invitation from Calendar and Email.

- When finished, touch **Save** from the top of the screen.

To quickly create an event from the Day, 3 Day, or Week views, touch an empty spot to select a target area which will then turn into , and touch the icon to create the new event.

Deleting or editing an event

- To delete or edit an event, touch the event to enter its details screen, touch 🖉 to edit the event.

- Touch ⋮ and **Delete** to remove the event.

Event reminder

If a reminder is set for an event, the upcoming event icon **31** will appear in the Status bar as a notification when the reminder time arrives.

- Touch and drag down the Status bar to open the Notification panel.

- Touch an event name to view the Calendar notification list.

4.7   Camera ....

Accessing the camera

From the Home screen, touch **Camera**. If the phone is locked, double-press the **Power** key to open the camera.

Taking a picture

- Position the object or landscape in the viewfinder, touch the screen to focus if necessary

- Touch ⚬ to take the picture which will be automatically saved.

- To take burst shots, touch and hold ⚬ or the Volume key.
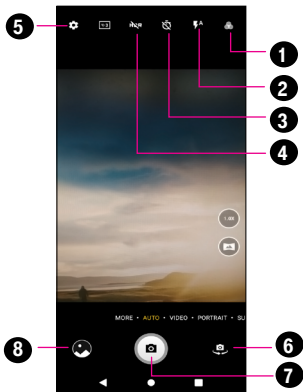
1 Touch to select a filterTouch to turn on/off the camera flash

2 Select flash mode

3 Touch to set countdown seconds

4 Touch to turn on/off HDR

5 Touch to access more options

6 Switch between front/back camera

7 Touch to take a photo

8 Touch to view photos or videos you have taken

Making a video

- Touch **VIDEO** to enter the Video mode.

- Touch ⦿ in the center of the screen to start video recording.

- You can also touch ⌾ to take a picture during video recording.

- Touch ⦿ to stop recording. The video will be automatically saved.

Further operations when viewing a picture/video you have taken

- Touch ⬮ from camera screen to view the photos or videos you have taken.

- Touch ⬦ then Gmail, Bluetooth, MMS, etc to share the photo or video.

- Touch 🔁 to edit.

- Touch 🔟 to delete.

- Touch ⬜ to go back to Camera mode

4.8   Photos ....

Photos acts as a media player for you to view photos and play videos.

Pictures and videos are displayed by moments and albums in **Photos**.
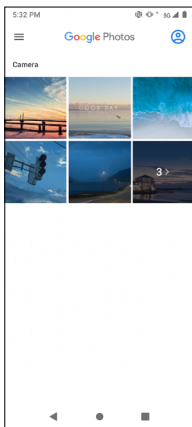
- Touch the picture/video directly to view or play.
- Slide left/right to view previous or next pictures/videos.

Working with photos

You can work with pictures by rotating or cropping them, sharing them with friends, setting them as a contact photo or wallpaper, etc.

- Locate the picture you want to work on, and touch the picture in the full-screen picture view.

▪ Touch ![share icon] to share the picture, or touch ![delete icon] to delete the picture. Touch ⋮ and select **Use as** to set the picture as **Contact photo** or **Wallpaper**.
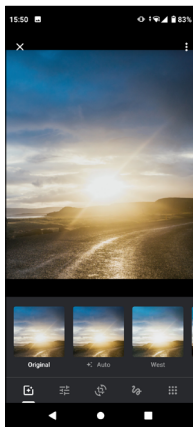
Find the picture you want to work on, and tap the picture in the full screen view. Tap to edit.

![effects icon] Set effects such as **Auto, West, Palma, Metro,** etc**.**

![adjust icon] Adjust the picture color.

![straighten icon] **Straighten** or **Rotate** the picture**.**

![paint icon] Personalize your picture with painting or adding words to it .

![crop icon] Crop the picture.

4.9 Clock ....

To access clock, swipe up from the Home screen, then touch **Clock**.

Setting world clocks

Touch 🕐 on the clock screen.

Touch ⊕ to add a time zone.

Setting alarms

Touch 🕐 on the clock screen.

Turn on ⬭ to enable existing alarm, or touch ⊕ to add a new alarm, the following options will appear:

- ▪ ▣ **Repeat** Mark the **repeat** checkbox, then select the days when you want to set.

- ▪ 🔔 Touch to select a ringtone for the alarm.

- ▪ ▣ **Vibrate** Mark the checkbox to activate vibration.

- ▪ ▣ **Label** Touch to set a name for the alarm.

- ▪ 🗑 **Delete** Touch to delete the alarm.

- ▪ 🔲 Touch to add the alarm to Google Assistant Routine.

Setting timer

Touch ✖ on the clock screen.

- Enter time in the sequence of hours, minutes, and seconds.

- Touch ▶ to activate **Countdown**.

- Touch **Add timer** to add another timer in panel.

- Touch ▥ to deactivate Countdown.

- Touch **Delete** to delete current countdown timer.

Setting stopwatch

Touch ⏱ on the clock screen.

- Touch ▶ to start the timer.

- Touch **Lap** to show a list of records according to the updated time.

- Touch ▥ to halt the total and lap times.

- Touch **Reset** to start a new timer.

5 Google applications...................................

Google apps are preinstalled on your phone to improve work efficiency and help you enjoy life.

This manual briefly introduces the apps. For detailed features and user guides, refer to related websites or the introduction provided in the apps.

You are recommended to register with a Google account to enjoy full functionality.

Google

A web browser with which you can surf the internet.

Your bookmarks, browsing history, and settings across all devices on which the browser is installed can be synchronised with your Google account.

Gmail

As Google's web-based email service, Gmail is configured when you first set up your phone. With this application, you can send and receive emails, manage emails by labels, archive them, etc. Emails can be automatically synchronised with your Gmail account.

Maps

Google Maps offers satellite imagery, street maps, 360° panoramic views of streets, real-time traffic conditions, and route planning for travelling by foot, car, or public transportation. By using this application, you can find your own location, search for a place, and get suggested route planning for your trips.

YouTube

YouTube is an online video-sharing application where users can upload, view, and share videos. Available content includes video clips, TV clips, music videos, and other content such as video blogging, short original videos, and educational videos. It supports a streaming function that allows you to start watching videos almost as soon as they begin downloading from the internet.

Drive

A file storage and synchronisation service created by Google, which allows users to store files in the cloud, share and edit files.

Files in Drive are kept secure and can be accessed from any device by logging in to your Google account. Files or folders can be shared privately with other Google account users.

Play Movies & TV

Google Play Movies & TV allows you to watch movies and TV shows purchased or rented on Google Play.

Play Store

Serves as the official app store for the Android operating system, allowing users to browse and download applications and games. Applications are either free of charge or at a cost.

In Play Store, search for the app you need, download it and then follow the installation guide to install the app. You can also uninstall, update an app, and manage your downloads.

Duo

A video chat mobile app.

With phone numbers verified, users can easily video call people from their contact list.

Photos

Google Photos stores and backs up your photos and videos. It also automatically analyses photos and organises them into groups, so that you can quickly find the photos you need.

Keep notes

A note taking application developed by Google.

You can insert images, lists, and make voice recordings in your notes. You can also set time or location-based reminders for notes. Google Keep allows you to categorise notes by labels, and notes are searchable based on their colour, whether they have reminders, audio, images, or lists.

Files

Files displays all data stored on the phone, including both external SD card and internal storage, such as applications, media files downloaded from Google Play Store, YouTube or other locations; Videos, pictures or audios you have captured; other data transferred via Bluetooth, USB cable, etc.

6 Security ....

6.1 Screen lock

From the Home screen, touch > **Settings** > **Security** > **Screen lock**

Screen lock allows you to set a screen lock option to secure your phone from being used by others without your permission, activate the following security options: **Pattern, PIN, Password or Fingerprint**. Whoever turns on your phone will be required to unlock the screen in order to access your device. Your device can be unlocked by anyone if you select **None** or **Swipe**.

6.2 SIM card lock

A SIM PIN prevents access to the cellular data networks. When it's enabled, any device containing the SIM card will request the PIN upon restart. A SIM PIN is not the same as the lock code used to unlock the device.

6.3 Lock screen preferences

Through this menu you can customize what displays on your lock screen.

6.4 Fingerprint sensor

Use your Fingerprint to unlock the screen or clear notifications, take a photo/video, pick up a call, etc.

Access **Settings > Security > Fingerprint** to activate these functions.

6.5 Face key

Face key allows you to unlock your device with your facial data. Set it according to the on-screen steps.

Ensure that you are facing the phone screen when using face recognition.

NOTE: you need to set a pattern, PIN, or password before using face key.

6.6 Smart Lock

This function is inactive by default. You need to set a screen lock to activate this function. If Smart lock is turned on, your device remains unlocked when it is safe with you.

6.7 Encryption & credentials

Touch to view your device encryption status and the credentials items. You can modify and clear all of the stored credentials.

7 Account ....

7.1 Account information

Be sure to access your account at My.T-Mobile.com to check your minutes, pay your bill, upgrade your phone, change your rate plan, and contact customer service.

You can also access this account information from your phone using the T-Mobile app .

Touch the T-Mobile folder from the Home screen and then touch the T-Mobile app .

7.2 Software Update

To access Software Updates, follow the steps below:

- Connect your device to a Wi-Fi network and make sure it has a strong data connection.

- Ensure your battery is fully charged before starting the software update. Your device's current battery level can be found on your device under **Settings** > **Battery**.

- Go to **Settings** > **System** > **Advanced** > **System update**.

- If you want to update the system, tap **CHECK FOR UPDATES NOW** and when that's finished, your phone will have the latest version of the software.

8 Safety and Regulatory Information................

SAFETY AND USE

We recommend that you read this chapter carefully before using your phone. The manufacturer disclaims any liability for damage, which may result as a consequence of improper use or use contrary to the instructions contained herein.

TRAFFIC SAFETY:

Given that studies show that using a phone while driving a vehicle constitutes a real risk, even when the hands-free kit is used (car kit, headset...), drivers are requested to refrain from using their phone when the vehicle is not parked. Check the laws and regulations on the use of wireless phones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.

CONDITIONS OF USE:

- You are advised to switch off the phone from time to time to optimize its performance;

- Remember to abide by local authority rules of mobile phone use on aircrafts;

- If your phone is a unibody device, where the back cover and battery are not removable, disassembling the phone will void your warranty. Disassembling the phone can cause bodily injury if the battery is punctured;

- Always handle your phone with care and keep it in a clean and dust-free place;

- Do not allow your phone to be exposed to adverse weather or environmental conditions, such as moisture, humidity, rain, infiltration of liquids, dust, sea air, etc. The manufacturer's recommended operating temperature range is 0°C (32°F) to 55°C (131°F). At over 55°C (131°F), the legibility of the phone's display may be temporarily impaired;

- Do not open, dismantle, or attempt to repair your phone yourself;

- Do not drop, throw, or bend your phone;

- Use only batteries, battery chargers, and accessories which are recommended by TCL Communication Ltd. and its affiliates and are compatible with your phone model. TCL Communication Ltd. and its affiliates disclaim any liability for damage caused by the use of other chargers or batteries;

- Your phone should not be disposed of in a municipal waste. Please check local regulations for disposal of electronic products;

- Remember to make backup copies or keep a written record of all important information stored on your phone;

- Some people may suffer epileptic seizures or blackouts when exposed to flashing lights, or when playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout. If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone;

- Parents should monitor their children's use of video games or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, orientation, or movements.

PRIVACY:

Please note that you must respect the laws and regulations in force in your jurisdiction or other jurisdiction(s) where you will use your phone regarding taking photographs and recording sounds with your phone. Pursuant to such laws and regulations, it may be strictly forbidden to take photographs and/or to record the voices of other people or any of their personal attributes, and reproduce or distribute them, as this may be considered to be an invasion of privacy. It is the user's sole responsibility to ensure that prior authorization has been obtained, if necessary, in order to record private or confidential conversations or take a photograph of another person; the manufacturer, the seller or vendor of your phone (including the carrier) disclaim any liability which may result from improper use of the phone.

BATTERY:

Observe the following precautions:

- Do not attempt to open the back cover;

- Do not attempt to eject, replace, or open the battery;

- Do not puncture the back cover of your phone;

- Do not burn or dispose of your phone in household rubbish or store it at temperature above 60°C (140°F);

Phone and battery as a unibody device must be disposed of in accordance with locally applicable environmental regulations.

This symbol on your phone, the battery, and the accessories means that these products must be taken to collection points at the end of their life:

- Municipal waste disposal centers with specific bins for these types of equipment;

- Collection bins at points of sale.

They will then be recycled, preventing substances being disposed of in the environment, so that their components can be reused.

In European Union countries:

These collection points are accessible free of charge.

All products with this sign must be brought to these collection points.

In non-European Union jurisdictions:

Items of equipment with this symbol are not to be thrown into ordinary bins if your jurisdiction or your region has suitable recycling and collection facilities; instead they are to be taken to collection points for them to be recycled.

In the United States you may learn more about CTIA's Recycling Program at http://www.gowirelessgogreen.org/

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

CHARGERS:

Home A.C./ Travel chargers will operate within the temperature range of: 0°C (32°F) to 45°C (113°F).

The chargers designed for your phone meet the standard for safety of information technology equipment and office equipment use. Due to different applicable electrical specifications, a charger you purchased in one jurisdiction may not work in another jurisdiction. They should be used for this purpose only.

Characteristics of power supply:
Travel charger: 9V2A QC3.0

Input 100-240V, 50/60Hz, 500mA

Output: 5V,3A/9V,2A/12V,1.5A

Battery: Softpack 4500mAh typ

RADIO WAVES

THIS PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio-frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. These guidelines include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by public authorities such as the Federal Communications Commission of the US Government (FCC), or by Innovation, Science and Economic Development Canada (ISEDC), is 1.6 W/kg averaged over 1 gram of body tissue. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands.

This device is complied with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: 2ACCJN039.

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. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone. Before a phone model is available for sale to the public, compliance with national regulations and standards must be shown.

The highest SAR value for T790W when tested is 1.34 W/Kg for use at the ear and 1.12 W/Kg for use close to the body.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for RF exposure.

For body-worn operation, the phone meets FCC RF exposure guidelines provided that it is used with a non-metallic accessory with the handset at least 15 mm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Additional information on SAR can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site: http://www.ctia.org/

The World Health Organization (WHO) considers that present scientific information does not indicate the need for any special precautions for use of phones. If individuals are concerned, they may choose to limit their own or their children's RF exposure by limiting the length of calls, or using "hands-free" devices to keep phones away from the head and body. Additional WHO information about electromagnetic fields and public health are available on the following website: http://www.who.int/peh-emf.

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 to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna;

- Increase the separation between the equipment and receiver;

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected;

- Consult the dealer or an experienced radio/ TV technician for help.

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

For the receiver devices associated with the operation of a licensed radio service (e.g. FM broadcast), they bear the following statement:

This phone complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference;

- This device must accept any interference received, including interference that may cause undesired operation.

Your phone is equipped with a built-in antenna. For optimal operation, you should avoid touching it or degrading it.

As mobile devices offer a range of functions, they can be used in positions other than against your ear. In such circumstances the device will be compliant with the guidelines when used with a headset or usb data cable.

If you are using another accessory ensure that whatever product is used is free of any metal and that it positions the phone at least 15 mm away from the body.

Please note by using the device some of your personal data may be shared with the main device. It is under your own responsibility to protect your own personal data, not to share with it with any unauthorized devices or third party devices connected to yours. For products with Wi-Fi features, only connect to trusted Wi-Fi networks. Also when using your product as a hotspot (where available), use network security. These precautions will help prevent unauthorized access to your device. Your product can store personal information in various locations including a SIM card, memory card, and built-in memory. Be sure to remove or clear all personal information before you recycle, return, or give away your product. Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your product's performance and/or have access to private information including account details, call data, location details and network resources.

Note that any data shared with TCL Communication Ltd. is stored in accordance with applicable data protection legislation. For these purposes TCL Communication Ltd. implements and maintains appropriate technical and organizational measures to protect all personal data, for example against unauthorized or unlawful processing and accidental loss or destruction of or damage to such personal data whereby the measures shall provide a level of security that is appropriate having regard to

- The technical possibilities available;

- The costs for implementing the measures;

- The risks involved with the processing of the personal data, and;

- The sensitivity of the personal data processed.

You can access, review, and edit your personal information at any time by logging into your user account, visiting your user profile or by contacting us directly. Should you require us to edit or delete your personal data, we may ask you to provide us with evidence of your identity before we can act on your request.

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The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License (the text will show when you touch **Google legal** in **Settings** > **System** > **About phone** > **Legal information)** [1]**.**

You have purchased a product which uses the open source (http://opensource.org/) programs mtd, msdosfs, netfilter/iptables and initrd in object code and other open source programs licensed under the GNU General Public Licence and Apache Licence.

We will provide you with a complete copy of the corresponding source codes upon request within a period of three years from the distribution of the product by TCL Communication Ltd.

You may download the source codes from https://sourceforge.net/projects/tcl-mobile/files/. The provision of the source code is free of charge from the internet.

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[1]   May not be available in all countries.

US Information Concerning the Federal Communications Commission ("FCC") Requirements for Hearing Aid Compatibility with Wireless Devices

When wireless devices are used near hearing devices (such as hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference, and wireless devices also vary in the amount of interference that they generate.

The wireless telephone industry has developed ratings to assist hearing device users in finding wireless devices that may be compatible with their hearing devices. Not all wireless devices have been rated. Wireless devices that are rated will have the rating displayed on the box together with other relevant approval markings.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device is vulnerable to interference, you may not be able to use a rated wireless device successfully. Consulting with your hearing health professional and testing the wireless device with your hearing device is the best way to evaluate it for your personal needs.

This smartphone has been tested and rated for use with hearing aids for some of the wireless technologies that the smartphone uses. However, other wireless technologies may be used in this smartphone that have not been tested for use with hearing aids. It is important to try the different features of your smartphone thoroughly and in different locations to determine if you hear any interfering noise when using this smartphone with your hearing aid or cochlear implant. Consult your wireless service provider about its return and exchange policies, and for information about hearing aid compatibility.

Hearing aid compatibility rating for this smartphone: M3/T4.

How the ratings work

M-Ratings: Wireless devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than wireless devices that are not labeled. M4 is the better or higher of the two ratings.

T-Ratings: Wireless devices rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated wireless devices. T4 is the better or higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from wireless devices.

For more information about the actions that the FCC has taken with regard to hearing aid compatibility with wireless devices and other steps that the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, visit www.fcc.gov/cgb/dro.

FCC ID: 2ACCJN039

General information

- Internet address: tclusa.com

- Manufacturer: TCL Communication Ltd.

- Address: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

- **Electronic labeling path**: Touch **Settings** > **System** > **Regulatory & safety** or press *#07# to find more information about labelling [1], such as FCC ID.

On our website, you will find our FAQ (Frequently Asked Questions) section. You can also contact us by email to ask any questions you may have.

Your phone is a transceiver that operates on GSM in quad-band (850/900/1800/1900 MHz), UMTS in penta-band (B1/2/4/5/8), LTE (B2/B4/B5/B12/B66/B71/B46/66) or 5G(n71/n2/n66/n25).

[1]   This may vary depending on country.

Protection against theft[1]

Your phone is identified by an IMEI (phone serial number) shown on the packaging label and in the phone's memory. We recommend that you note the number the first time you use your phone by entering *#06# and keep it in a safe place. It may be requested by the police or your carrier if your phone is stolen. This number allows your phone to be blocked preventing a third person from using it, even with a different SIM card.

Disclaimer

There may be certain differences between the user manual description and the phone's operation, depending on the software release of your phone or specific carrier services.

TCL Communication Ltd. shall not be held legally responsible for such differences, if any, nor for their potential consequences, which responsibility shall be borne by the carrier exclusively.

Frequency Stability

The product meets Section 15.407(g) requirements from KDB

789033 D02v02r01. The emissions are maintained within the

band of operation under all conditions of normal operation.

[1] Contact your network carrier to check service availability.

9 Troubleshooting ....

Before contacting the service center, you are advised to follow the instructions below:

▪ To have optimal operation, fully charge the battery.

▪ To improve the phone's performance, remove unnecessary files or apps on your phone.

▪ To update your system software, use the **System update** command in your phone's settings.

▪ To set your phone to factory default, use the **Reset options** in the phone's settings. All your phone data will be lost permanently. It is strongly advised to fully back up your phone before resetting.

My phone can't be switched on

▪ When the phone can't be switched on, charge for at least 10 minutes to ensure the minimum battery power needed. Then switch it on again.

My phone has not responded for several minutes

▪ If your phone doesn't respond, turn off your phone by pressing and holding the **Power** key until it turns off and then restart it again.

My phone turns off by itself

▪ When your phone turns off by itself, make sure that the Power key is not accidentally pressed.

▪ Check the battery charge level.

▪ If it still doesn't work, **Factory** reset the phone via the Reset options in the phone's Settings. Make sure you have backed up your data.

My phone can't charge properly

▪ Make sure that you are using the proper charger that comes with the phone.

▪ Make sure that your battery is not completely discharged; if the battery power has been discharged for a long time, it may take around 10 minutes to display the battery charging indicator on the screen.

▪ Make sure that charging is carried out under normal conditions (0°C (32°F) to 55°C (131°F)).

- When abroad, check that the voltage input is compatible.
- Check that the charging port is secured or it's not damaged.

My phone can't connect to a network or "No service" is displayed
- Try connecting to the network by moving to another physical location.
- Verify the network coverage in your current area.
- Check that your SIM card is valid.
- Make sure your phone's setting is not in airplane mode.
- If you are away from your T-Mobile's network, you may need to enable roaming in the phone's settings to connect to other network. Roaming charges may apply.

My phone can't connect to the internet
- Make sure that Cellular Data internet service is available in your wireless service plan.
- Check your phone's settings. Make sure **Cellular Data** is enabled or Wi-Fi connected.
- Make sure that you are in a place with network coverage for cellular data or Wi-Fi internet connection.
- Try connecting at a later time or another location.

Invalid SIM card
- Make sure that the SIM card has been correctly inserted (see "Inserting Nano SIM card").
- Make sure that the chip on your SIM card is not damaged.
- Make sure that the service of your SIM card matches the network you're on.

My phone can't make outgoing calls
- Make sure that you have dialed a valid number and have touched Call on your phone.
- For international calls, check the country and area codes.
- Make sure that your phone is connected to a network, and the network is not overloaded or unavailable.
- Check your subscription status.
- Make sure that you have not barred outgoing calls.

- Make sure that your phone is not in airplane mode.

My phone can't receive incoming calls

- Make sure that your phone is switched on and connected to a network.
- Check for overloaded or unavailable network.
- Check your subscription status.
- Make sure that you have not forwarded incoming calls.
- Make sure that you have not barred certain calls.
- Make sure that your phone is not in airplane mode.

The caller's name/number doesn't appear when a call is received

- If the caller is not in your contact list, you have the option to subscribe to NameID
- Your caller may have concealed his name or number.

I can't find my contacts

- Make sure that your SIM card is not broken.
- Make sure that your SIM card is inserted properly.
- Import all contacts stored in SIM card to phone.

The sound quality of the calls is poor

- Adjust the volume during a call by pressing the **Volume** key.
- Check the network strength. Move to a location with stronger signal strength.
- Make sure that the receiver, connector or speaker on your phone is clean.

I can't use the features described in the manual

- Check to make sure that your subscription includes this service.
- Make sure that this feature doesn't require any additional accessory.

When I select a number from my contacts, the number can't be dialed

- Make sure that you have correctly recorded the number in your file.

- Make sure that you have selected the country code when calling an international number.

I can't add a contact
- Make sure that your SIM card contact list are not full; delete some files or save the files to the phone.

My callers can't leave messages on my voicemail
- Contact your network carrier to check service availability.
- Set up your voicemail, so that your caller can leave a message.

I can't access my voicemail
- Make sure that T-Mobile's voicemail number is correctly entered in "Voicemail number".
- Try later if the network is busy.

I can't send and receive MMS
- Check your phone storage as it might be full.
- Contact customer care to check service availability and MMS parameters.
- Verify the server center number or your MMS profile with customer care.
- The server center may be swamped. Try again later.
- Start a new Messaging string. You messaging string may have reached its limit.

SIM card PIN locked
- Contact customer care to obtain the PUK (Personal Unblocking Key) code.

I can't connect my phone to my computer
- Install Smart Suite.
- Check that your USB driver is installed properly.
- Open the Notification panel to check if the Smart Suite Agent has been activated.
- Check that you have marked the USB debugging checkbox.
- Check that your computer meets the requirements for Smart Suite installation.
- Make sure that you're using the right cable from the box.

I can't download new files

- Make sure that there is sufficient phone storage space for your download.
- Select the microSD card as the location to store downloaded files.
- Check your subscription status.

The phone can't be detected by others via Bluetooth

- Make sure that Bluetooth is turned on and your phone is visible to other users.
- Make sure that the two devices are within Bluetooth's detection range.

The battery drains too fast

- Make sure that you follow the complete charge time (minimum 2.3 hours).
- After a partial charge, the battery level indicator may not be exact.
- Wait for at least 10 minutes after removing the charger to obtain an exact indication.
- Adjust the brightness of screen as appropriate.
- Extend the email auto-check interval for as long as possible.
- Update news and weather information on manual demand, or increase their auto-check interval.
- Exit background-running applications if they are not being used for extended periods of time.
- Deactivate Bluetooth, Wi-Fi, or GPS when not in use.

The phone becomes warm following prolonged calls, game playing, internet surfing or running other complex applications

- This heating is a normal consequence of the CPU handling excessive data. Ending the above actions will make your phone return to normal temperature.

After Factory data reset is performed, I can't use my phone without entering Google account credentials

- After reset is performed, you must enter the original Google account credentials that were used on this phone.
- If you don't remember your Google account credentials, complete Google account recovery procedures.

The phone doesn't ring when a call or message arrives

- Make sure that Do Not Disturb mode (go to **Settings** > **Sound** > **Do Not Disturb**) is not activated.

- Press the **Volume** key to adjust volume.