

neffos

S M A R T P H O N E

Y50 | User Guide

TP-LINK

Contents

About this guide.....	i
-----------------------	---

Chapter 1. Get started.....	1
-----------------------------	---

1.1 Overview	1
1.2 Buttons	1
1.3 Assemble your device	2
1.4 Charge your device.....	3

Chapter 2. Basics.....	4
------------------------	---

2.1 Touchscreen gestures	4
2.2 Home screen.....	6
2.3 Status icons	6
2.4 Quick Settings Panel.....	7
2.5 Type text.....	9

Chapter 3. Connection	11
-----------------------------	----

3.1 Connect to WLAN	11
3.2 Connect to the Internet.....	11
3.3 Connect to computer.....	11
3.4 Bluetooth	11
3.5 Tethering & portable hotspot	12

Chapter 4. Calls	13
------------------------	----

4.1 Make a call	13
4.2 Answer & end a call.....	14
4.3 Options during a call	14
4.4 Call log.....	15
4.5 Call settings.....	15

Chapter 5. Messenger	16
----------------------------	----

5.1 Type of messages	16
5.2 Send & receive messages	16
5.3 Message management	16
5.4 Message settings.....	17

Chapter 6. Contacts 19

- 6.1 Manage contacts 19
- 6.2 Import/export contacts 19
- 6.3 Contacts settings 20

Chapter 7. Phone Manager 21

- 7.1 Phone accelerator 21
- 7.2 Power saving 21
- 7.3 Permission manager 21
- 7.4 Harassment filter 21

Chapter 8. Camera 22

- 8.1 Get to know Camera 22
- 8.2 Take a photo 23
- 8.3 Record a video 23

Chapter 9. Calendar 24

- 9.1 Use the calendar 24
- 9.2 Calendar settings 24

Chapter 10. Clock 25

- 10.1 Alarm 25
- 10.2 Worldclock 25
- 10.3 Timer 25
- 10.4 Stopwatch 26

Chapter 11. Browser 27

- 11.1 Go to a webpage 27
- 11.2 Browser tabs 28
- 11.3 Bookmarks 28
- 11.4 History 28
- 11.5 Browser settings 28

Chapter 12. File Manager 29

- 12.1 View files (AUDIO, VIDEO, IMAGE, DOCUMENT, COMPRESS, APP) 29
- 12.2 Manage your files & folders 29

Chapter 13.Weather 31

- 13.1 Add a city 31
- 13.2 Check the weather 31
- 13.3 Remove a city 31
- 13.4 Weather settings 31

Chapter 14.Gallery..... 32

- 14.1 Manage your photos 32
- 14.2 Screenshot..... 33

Chapter 15.Notes 34

- 15.1 Compose a note..... 34
- 15.2 Note options..... 34

Chapter 16.Applications 35

- 16.1 Manage applications 35
- 16.2 Google™ applications 35

Chapter 17.Tools 37

- 17.1 FM Radio..... 37
- 17.2 Flashlight 37
- 17.3 Sound Recorder 37
- 17.4 Calculator..... 38
- 17.5 Downloads..... 38
- 17.6 System Update..... 38
- 17.7 Feedback 38
- 17.8 SIM Toolkit 38

Chapter 18.Settings..... 39

- 18.1 SIM cards 39
- 18.2 Airplane mode 39
- 18.3 Display..... 39
- 18.4 Lock screen 40
- 18.5 Sound and notification 40
- 18.6 Storage 40
- 18.7 Battery..... 41
- 18.8 Apps..... 41

18. 9	Location	41
18. 10	Security.....	41
18. 11	Accounts.....	41
18. 12	Language and input.....	42
18. 13	Backup and reset.....	42
18. 14	Date & time	43
18. 15	Accessibility.....	43
18. 16	About phone.....	43

Appendix A: Specifications	44
---	-----------

Appendix B: Technical Support	46
--	-----------

Appendix C: Explanation of the symbols on the product label	48
--	-----------

About this guide

This guide is a complement to Quick Start Guide. The Quick Start Guide provides instructions for quick setup, while this guide provides details of each function and shows how to configure the smart phone appropriate to your needs.

When using this guide, please notice that features of the device may vary slightly depending on the model and software version you have, and on your location, language, and Internet service provider. All screenshots, images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following conventions are used:

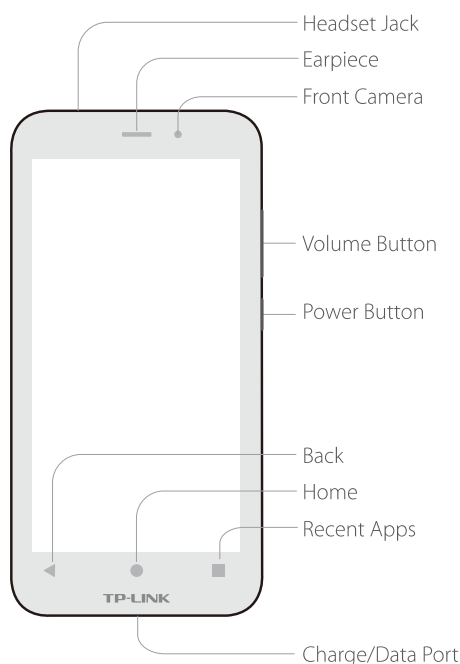
Convention	Description
Smart phone/phone	Stands for Y50 without any explanation.
Parameters	Parameters provided in the screenshots are just references for configuring the smart phone, which may be different from the actual situation. You can set the parameters according to your demand.
Screenshots	The demonstrated screenshots may look a little different from the actual UI of your smart phone due to the various firmware versions. Please just configure your phone based on the actual UI.
->	The menu structure which shows the path to enter the corresponding page. For example, Settings -> WLAN means the WLAN function page is under the Settings menu.
 Note:	Ignoring the notes in the guide might result in a malfunction or damage to the phone.
 Tips:	Tips Indicate important information that helps you make better use of your phone.

1 Get started

This chapter introduces the smart phone's hardware information and guides you how to assemble your phone when you get started on using your new phone.

- [Overview](#)
- [Assemble your device](#)
- [Power on](#)
- [Charge your device](#)

1.1 Overview



1.2 Buttons

The buttons you use with Neffos include virtual ones and physical ones.

Power button

- **Lock Neffos:** When you are not using your phone, press the Power button to lock your phone. Locking your phone puts the display to sleep, saves the battery and prevents unmeant operations on the screen. You can still receive phone calls, text messages, alarms and notifications as well as listening to music and adjusting the volume. Neffos locks the screen automatically if you do not touch it for some time. To adjust the timing, go to **Settings** -> **Display** -> **Sleep**.
- **Unlock Neffos:** Press the Power button, then swipe the screen to unlock your phone screen. For additional security, you can require a password to unlock you phone. Go to **Settings** -> **Lock screen** -> **Screen lock** to choose a safe way to unlock your phone. For more information, see [Lock screen](#).
- **Turn Neffos on:** Press and hold the Power button until your phone vibrates and the logo appears.

- **Turn Neffos off:** Press and hold the Power button until a pop-up window appears and then tap **Power off**.

Volume button

You can adjust the audio volume on the right side when you're on the phone or listening to songs, movies, or other media. You can also use Volume button to take a picture or record a video. See [Take a photo](#) and [Record a video](#).

Home button

The Home button takes you to the Home screen and provides other convenient shortcuts.

Back button

Tap the virtual Back button to return to the previous screen, or close a dialogue box, menu, the notification panel or onscreen keyboard.

Recent apps

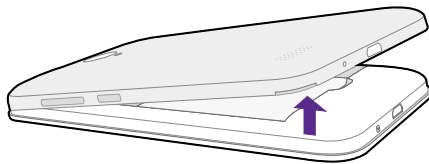
Tap the Recent button to display recent apps, or tap and hold for home screen options.

1.3 Assemble your device

Remove the back cover

Hold your phone face down, put a fingernail in the bottom corner hole in the cover and pry the back cover off.

■ Note: Do not bend or twist the back cover excessively in case you damage the phone.

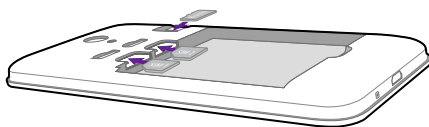


Insert Micro SIM cards and MicroSD card (optional)

Carefully slide the cards into the card slots with the gold contacts facing down. Since your phone is a dual SIM phone, you can use one or two SIM cards by putting them in the corresponding card slots.

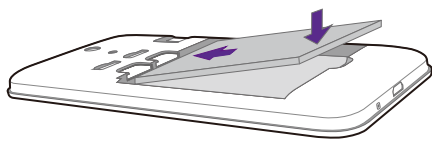
■ Note:

1. The device uses Micro SIM cards.
2. If the card is not inserted correctly, the phone will not detect them.



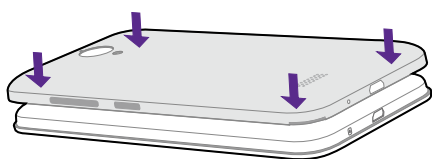
Insert the battery

Insert the battery into the opening on the back of the phone, aligning the gold contacts on the battery with the gold contacts in your phone. Then gently press down to secure the battery.



Replace the back cover

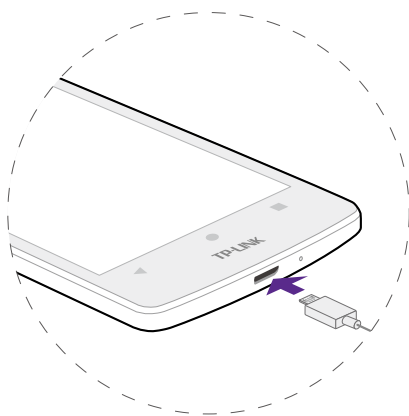
Align the cover and press all the way around the cover's edges, making sure it snaps into place.



1.4 Charge your device

Connect the device to a power outlet using the included USB cable and power adapter.

1. Connect the USB cable into the port.
2. Connect the USB cable to the power adapter, then plug the power adapter into a power outlet.
3. When the battery is full, unplug the power adapter from the power outlet and remove the USB cable from your phone.



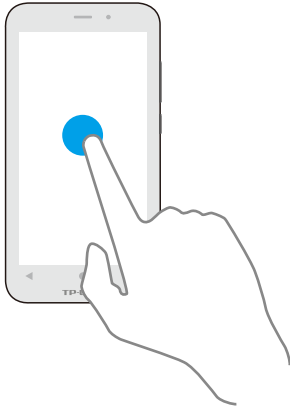
2 Basics

This chapter introduces the smart phone's basic feature.

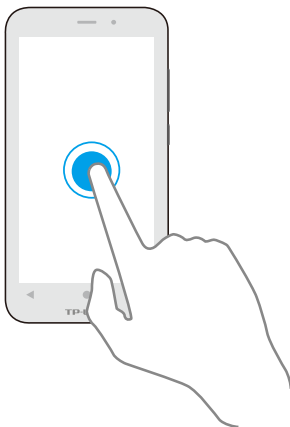
- [Touchscreen gestures](#)
- [Unlock and lock the screen](#)
- [Home screen](#)
- [Quick settings panel](#)
- [Notification panel](#)
- [Type text](#)

2.1 Touchscreen gestures

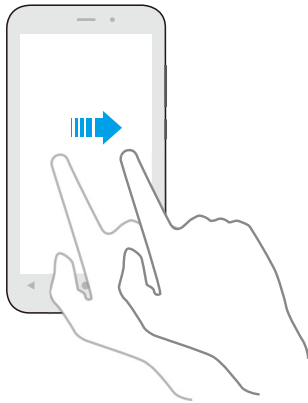
Touch: Simply tap an item to select or launch it.



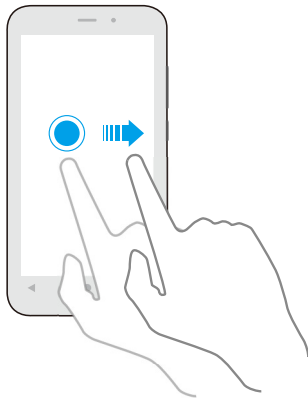
Touch and hold: Touch and leave your finger on the screen for 2 seconds or more to activate onscreen items. For example, touch and hold a widget on the Home screen to move it.



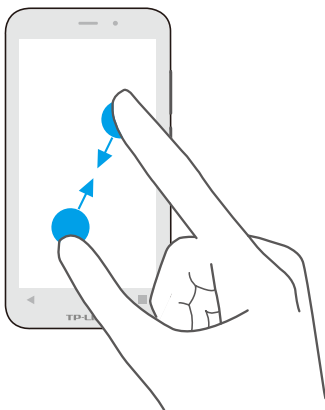
Swipe: Place your finger on the screen, and drag your finger to the direction you want. For example, you can swipe to scroll through the Home screen or a list.



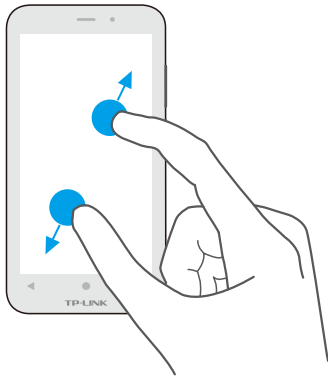
Drag: To drag, touch and hold an item and then move it to a new position. For example, you can rearrange a widget on the home screen.



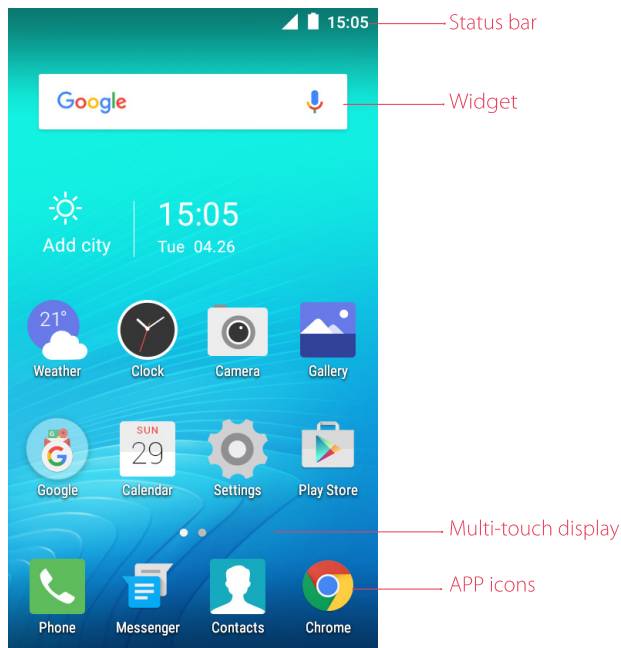
Zoom out: Pinch two fingers together on the screen. For example, pinch two fingers together to zoom out while viewing a picture or a web page.



Zoom in: Pinch two fingers apart on the screen. For example, pinch two fingers out to zoom in while viewing a picture or a web page.



2.2 Home screen



Status bar: Status and notification icons are displayed in the status bar.

Widget: Self-contained applications that run on the Home screen (not shortcuts).

Multi-touch display: A display where you do various operations of your phone.

APP icons: App icons that show you the shortcuts to your favorite applications.

2.3 Status icons

The icons in the status bar at the top of the screen provide device information.

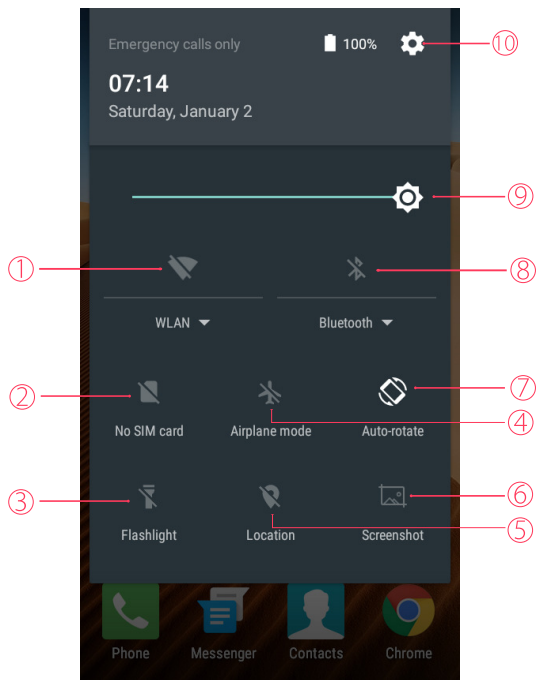
Status icons	Indications
	Battery low
	Charging

	Battery full
	Signal strength
	No signal
	GPRS network connected
	3G network connected
	4G network connected
	Enhanced Data Rates for GSM Evolution network connected
	High Speed Packet Access(HSPA) network connected
	Evolved HSPA network connected
	Connected to a PC using USB cable
	Wi-Fi
	Hotspot
	MicroSD card
	Micro SIM card
	No SIM card installed
	Screenshots
	Mute mode enabled(not include alarms)
	Vibrate mode enabled
	Airplane mode enabled
	Bluetooth enabled
	Download status
	Uploading data
	Alarms enabled
	Call in progress
	Call on hold
	Forward calls
	Missed calls
	New messages

2.4 Quick Settings Panel

Swipe down from the top of any screen twice to open the Quick Settings Panel.

■ Note: On the lock screen, swipe only once to open the Quick Settings Panel.



Touch the shortcut switches on the Quick Settings Panel to turn the functions on or off.

1. **WLAN:** Tap to enable WLAN.
2. **No SIM card:** Tap to view the data usage.
3. **Flashlight:** Tap to enable flashlight.
4. **Airplane mode:** Tap to enable airplane mode.
5. **Location:** Tap to enable location services.
6. **Screenshot:** Tap to make a screenshot.
7. **Auto-rotate:** Tap to enable auto-rotate.
8. **Bluetooth:** Tap to enable Bluetooth.
9. **Brightness slider:** Use this slider to adjust the brightness of the screen.
10. **Settings:** Tap to configure the settings.

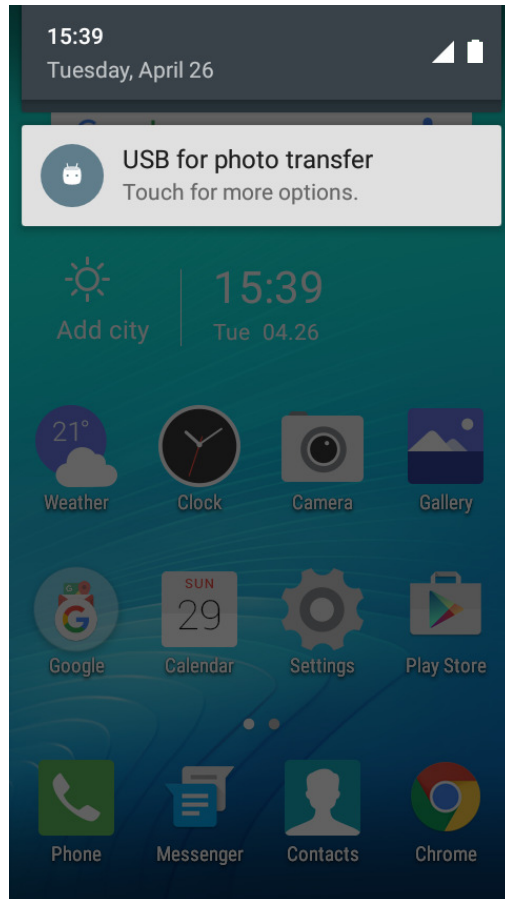
Notification Panel

Notification Panel collects all the notifications and alerts so that you can review them whenever you like.

Open Notification Panel: Swipe down from the top edge of the screen to open the Notification Panel.

View a notification: Tap an item to view the details. Or swipe the notification left or right to remove it from the list.

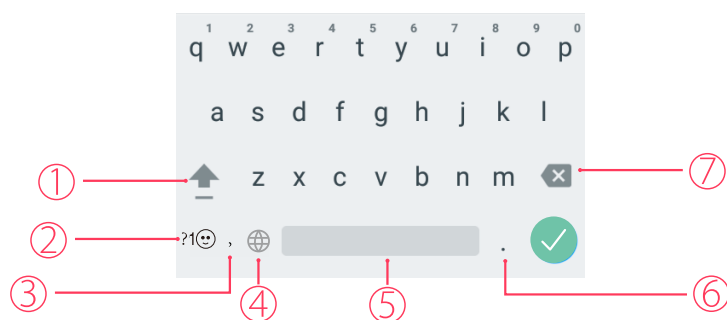
Close Notification Panel: Swipe up, or press the Home button.



2.5 Type text

The onscreen keyboard enables you to enter text when needed.

Enter text



1. Tap **Shift** to type uppercase, or touch and hold the key to slide to the uppercase. Double-tap **Shift** for caps lock.
2. To enter numbers, punctuations, or symbols, tap ?1😊 .
3. Tap to enter a comma, or tap and hold the key to open the input options.

4. If you have several keyboards, you can tap  to switch to the last one you used. You can also touch and hold it to choose the keyboard you need.
5. Tap to enter a space, or you can double-tap the space bar quickly to end a sentence with a period or space.
6. Tap to enter a period.
7. Tap to delete the characters to the left of the cursor.
Tap and hold to delete multiple characters to the left of the cursor.

Edit text

- **Revise text:** Tap the text to position the insertion point  and start revising.
- **Select text:** Tap and hold the text field to display the selection options (cut/copy/share/select all). Or double-tap a word to select it. Drag   to select more or less text.

Spell checker

You can turn on the Spell checker feature to help you enter correct words.

1. Go to  **Settings** -> **Language & input** -> **Spell checker**.
2. Turn the switch on.

Switch input method

1. On the Home screen, tap  **Settings**.
2. Tap **Language & input** -> **Keyboard & input methods** to select an input method you need.

3 Connection

Learn how to connect to WLAN, computer and how to use Bluetooth and hotspot helps you a lot.

This chapter contains the following sections.

- [Connect to WLAN](#)
- [Connect to computer](#)
- [Bluetooth](#)
- [Tethering & portable hotspot](#)

3.1 Connect to WLAN

If  appears at the top of the screen, you are connected to a Wi-Fi network. Neffos reconnects anytime you return to the same location.

1. Swipe down from the top of any screen (except for the Lock screen) twice to open the Quick Settings Panel.
2. Tap and hold **WLAN** to enter the WLAN settings.
3. Tap the switch to turn it on. (You can also turn Wi-Fi on in  **Settings** -> **WLAN**.)
4. Tap an available WLAN to connect. Then enter the password if needed.

3.2 Connect to the Internet

Neffos connects to the Internet whenever necessary, using a Wi-Fi connection (if available) or your carrier's cellular network. For information about connecting to a Wi-Fi network, see [Connect to WLAN](#) above.

1. Swipe down from the top of any screen (except for the Lock screen) twice to open the Quick Settings Panel.
2. Tap and hold **Mobile** to enter the cellular data settings.
3. Tap the switch to turn it on.

 **Note:**

If a Wi-Fi connection to the Internet isn't available, apps and services may transfer data over your carrier's cellular network, which may result in additional fees. Contact your carrier for information about your cellular data plan rates.

3.3 Connect to computer

1. Connect your phone to a computer using a USB cable.
2. On the notification panel, tap **USB for charging**.
3. Select a USB connection mode (Charging/File transfers/Photo transfer (PTP)/MIDI) depending on your needs.

3.4 Bluetooth

You can share data on your phone with other devices using Bluetooth.

1. Swipe down from the top of any screen (except for the Lock screen) twice to open the Quick Settings Panel.

2. Tap and hold  to enter the Bluetooth settings.
3. Tap the switch to turn it on and find the device you want to connect, then follow the pop-up prompts to complete the connection. (You can also turn Bluetooth on in  **Settings** -> **Bluetooth**.)

Rename your phone

1. On the Home screen, tap  **Settings** -> **Bluetooth**.
2. Tap the switch to turn it on.
3. Tap  -> **Rename this device**.
4. Edit the device name and tap **Rename** to complete the settings.

3.5 Tethering & portable hotspot

Use USB tethering

You can use a USB cable to share your phone's mobile data with a computer.

1. Connect your phone to a computer using a USB cable.
2. On the Home screen, tap  **Settings** -> **More** -> **Tethering & portable hotspot**.
3. Tap the **USB tethering** switch to turn it on. Then you can share your phone's mobile data with computer.

Use WLAN hotspot

You can use portable WLAN hotspot to share your phone's mobile network with other devices.

1. On the Home screen, tap  **Settings** -> **More** -> **Tethering & portable hotspot**.
2. Tap the **Portable WLAN hotspot** switch to turn it on.
3. Tap **Set up WLAN hotspot**.
4. Set the WLAN name, security and password.
5. Tap **SAVE** to complete the settings.

Use Bluetooth tethering

You can use Bluetooth tethering to share your phone's mobile data with other devices.

1. Pair your phone with other devices via Bluetooth.
2. On the Home screen, tap  **Settings** -> **More** -> **Tethering & portable hotspot**.
3. Tap the **Bluetooth tethering** switch to turn it on. Then you can share your phone's mobile data with the connected devices.

4 Calls

This chapter contains the following sections.

- [Make a call](#)
- [Answer & end a call](#)
- [Options during a call](#)
- [Call log](#)
- [Call settings](#)

4.1 Make a call

Dial directly by entering numbers

1. On the Home screen, tap  **Phone** -> .
2. Enter a number and tap  to make a call.

Dial a recent number from the call log

All incoming, outgoing and missed call are in the call log.

1. On the Home screen, tap  **Phone** ->  **Recents**, a list of recent calls will be displayed.
2. Tap a number to call. If your phone supports dual SIM cards, choose SIM1 or SIM2 to make the call.

■ Note:

If you want to make SIM1 or SIM 2 as the default SIM card to make calls, choose one of them and check **Always use this for calls** or go to  **Settings** -> **SIM cards** to configure.

Dial from contact list

1. On the Home screen, tap  **Phone** ->  **Contacts**.
2. Tap a contact and then tap the number to dial. If your phone supports dual SIM cards, choose SIM1 or SIM2 to make a call.

Dial from your speed dial

1. On the Home screen, tap  **Phone** ->  **Speed dial**.
2. Tap the contact directly to make a call. If your phone supports dual SIM cards, choose SIM1 or SIM2 to make a call.

Make an international call

1. On the Home screen, tap  **Phone**.
2. On the dialer, tap and hold **0** to enter **+**, then enter the country or region code, area code, and phone number in sequence.
3. Tap . If your phone supports dual SIM cards, choose SIM1 or SIM2 to make a call.

Make an emergency call without SIM cards

The emergency calling mode makes dialing an emergency number a one-tap process.

1. On the Lock screen, tap **EMERGENCY**.
2. Enter an emergency number and tap  to dial.

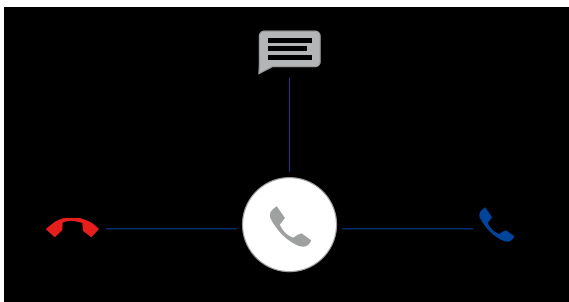
Make a conference call

The conference calling enables multiple persons to talk simultaneously.

1. Call the first participant.
2. After connected, tap  and enter another phone number.
3. When the second call is connected, the first participant will be placed on hold.

4.2 Answer & end a call

On the incoming call screen:



Answer a call: Drag  right.

Reject a call: Drag  left.

Quick response message: Drag  upward to reject the call and select a quick response message to the caller.

■ Note:

On the dialer screen, you can tap  -> **Settings** -> **Quick responses** to edit the quick response message.

End a call: When you are ready to end a call, tap .

4.3 Options during a call

Your phone provides a variety of functions that you can use during a call.

Adjust the call volume

You can press the Volume button to increase or decrease the volume.

Listen with the speaker

You can press  to hear the caller with the speaker.

Place a new call while in a call

You can make another call while a call is in progress.

1. While making a call with others, tap  on the calling screen.
2. Enter another phone number or choose another contact, then tap  to dial.

Call Waiting

When you want to answer a new incoming call while you are calling someone, you can use Call Waiting function.

When a new call comes in,

1. Slide  right to answer the new call. The previous call will hold on automatically.
2. When you want to reactivate the previous call and place the new caller on hold, tap .

4.4 Call log

All incoming, outgoing and missed calls are recorded in the call log.

Save a recent call to your contact list

1. Go to  **Phone** ->  **Recents** -> **Creat new contact**.
2. Configure the contact information and save.

Delete a call from the call log

1. Go to  **Phone** ->  **Recents**.
2. Tap the contact you want to delete and tap **Call details**.
3. Tap  to delete.

4.5 Call settings

Go to  **Phone** ->  -> **Settings** to configure the call settings.

- **Display options:** set up the name format displayed on the screen.
- **Sounds and vibration:** set the phone ringtone, dialpad tones, etc.
- **Quick responses:** edit your quick responses.
- **Calling accounts:** configure your SIM card settings, SIP settings.

5 Messenger

Use Messenger to keep in touch with your friends through SMS or MMS messages.

This chapter contains the following sections.

- [Type of messages](#)
- [Send & receive messages](#)
- [Message Management](#)

5.1 Type of messages

Text Messages (SMS)

The Short Messages Service (SMS) lets you send and receive text messages to and from other mobile phones.

Multimedia Messages (MMS)

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as pictures, videos, and audio messages) to and from other mobile phones.

5.2 Send & receive messages

Send messages

1. On the Home screen, tap  **Messenger** ->  to start a new message.
2. Enter a contact name or a phone number.
3. Tap the **Send message** field and start composing your message. You can tap  or  to add emotions and tap  to add an attachment (such as pictures, videos or other multimedia files).
4. Then tap  to send out the message.

Receive messages

Messages are saved in the message list. Bold fonts indicate unread messages.

Option 1: Tap  **Messenger** and the new message to view.

Option 2: Slide down from the top of the screen to display the Notification Panel and tap the new arrived message to view or reply.

5.3 Message management

Reply to a message

1. Tap  **Messenger** and the received message to view the conversation thread.
2. Tap the **Send message** field to begin composing your message, then tap  to send out.

Delete a message

1. Tap  **Messenger** and then tap and hold the message you want to delete.
2. Tap  -> **DELETE**.

Delete a conversation

1. On the Home screen, tap  **Messenger**.
2. In the message list, tap and hold the conversation you want to delete all its conversation and tap  -> **DELETE**.

Share a message

1. On the Home screen, tap  **Messenger**.
2. Tap and hold the message you want to share and tap .

Forward a message

1. On the Home screen, tap  **Messenger**.
2. Tap and hold the message you want forward and tap .

Archive a message

1. On the Home screen, tap  **Messenger**.
 2. Tap the message you want to archive and then tap  -> **Archive**.
-  Note:  Go to **Messenger** -> **Archived** to view the archived messages.

Archive a conversation

1. On the Home screen, tap  **Messenger**.
 2. On the message list, tap the conversation you want to archive and then tap .
-  Note:  Go to **Messenger** -> **Archived** to view the archived conversations.

Block unwanted messages

When you block the unwanted messages, you will continue to receive messages from this number but won't be notified anymore.

1. On the Home screen, tap  **Messenger**.
2. On the message list, tap and hold the conversation you want to block and then tap .

Turn off the notification

When you turn off the notification, you will not receive any notifications when you receive messages from the number.

1. On the Home screen, tap  **Messenger**.
2. On the message list, tap and hold the conversation you want to block and then tap .

Search a message

You can search the message you need by using the Message Search feature.

1. On the Home screen, tap  **Messenger** -> .
2. Enter a keyword to search for, then tap  on the keyboard.

5.4 Message settings

Go to  **Messenger** ->  -> **Settings** , where you can:

Default SMS app: Tap to change your default app.

Outgoing message sounds: Turn the switch on to turn on the outgoing message sounds.

Notifications: Turn the switch on to enable notifications when you receive messages.

Sound: Tap to choose the ringtone when new message comes.

Vibrate: Turn the switch on to make the phone vibrate when new message comes.

Advanced: Tap to configure some advanced settings.

6 Contacts

Organize your contacts and easily stay in touch with them via calls, SMS messages, emails, or other social networks.

This chapter contains the following sections.

- [Manage contacts](#)
- [Import/export contacts](#)
- [Contacts settings](#)

6.1 Manage contacts

Add a contact

1. On the Home screen, tap  **Contacts** ->  to add a new contact.
2. Enter the contact's information.
3. Tap  to save the new contact.

Edit a contact

1. On the Home screen, tap  **Contacts**.
2. Tap the contact you want to edit and then tap  to edit.
3. Tap  to save when finishing the editing.

Delete a contact

1. On the Home screen, tap  **Contacts**.
2. Tap the contact you want to delete and then tap  -> **Delete** -> **OK**.

Share a contact

1. On the Home screen, tap  **Contacts**.
2. Tap the contact you want to share and then tap  -> **Share**.

Add a contact to favorites

1. On the Home screen, tap  **Contacts**.
2. Tap the contact you want to add to your favourites.
3. Tap  until it turns to .

Notes:

You can view the favorites in  **Contacts** -> **FAVORITES**.

6.2 Import/export contacts

1. On the Home screen, tap  **Contacts** ->  -> **Import/export**.
2. Follow the pop-up prompts to complete.

6.3 Contacts settings

1. On the Home screen, tap  **Contacts** ->  -> **Settings**.
2. Set the contacts order.
 - **Sort by:** You can make the contacts sort by first name or last name.
 - **Name format:** You can choose the name format (first name first/ last name first).

7 Phone Manager

Use Phone Manager to better manage and protect your phone.

This chapter contains the following sections.

- [Phone accelerator](#)
- [Power saving](#)
- [Permission manager](#)
- [Harassment filter](#)

7.1 Phone accelerator

Clean up the unnecessary to accelerate your phone's operation.

1. On the Home screen, tap  **Phone manager** -> **Phone accelerator** -> **Clean** to free up the memories.
2. Tap **Finish**.

7.2 Power saving

Different power plans lead to different duration of your phone power. Choose your power plan here to help you better control the phone power.

- **Smart:** Auto-optimize settings.
- **Marathon:** Turn off Wi-Fi and data service.
- **Sleep:** Turn off all network functions (call, SMS, Wi-Fi, and data services) except for alarm clock.

7.3 Permission manager

You can give the apps access to permission as you need by using Permission manager.

7.4 Harassment filter

You can see the blocked messages in  **Phone manager** -> **Harassment filter** -> **MESSAGES** and blocked calls in  **Phone manager** -> **Harassment filter** -> **CALLS**.

8 Camera

Use Camera to capture your precious moments.

This chapter contains the following sections.

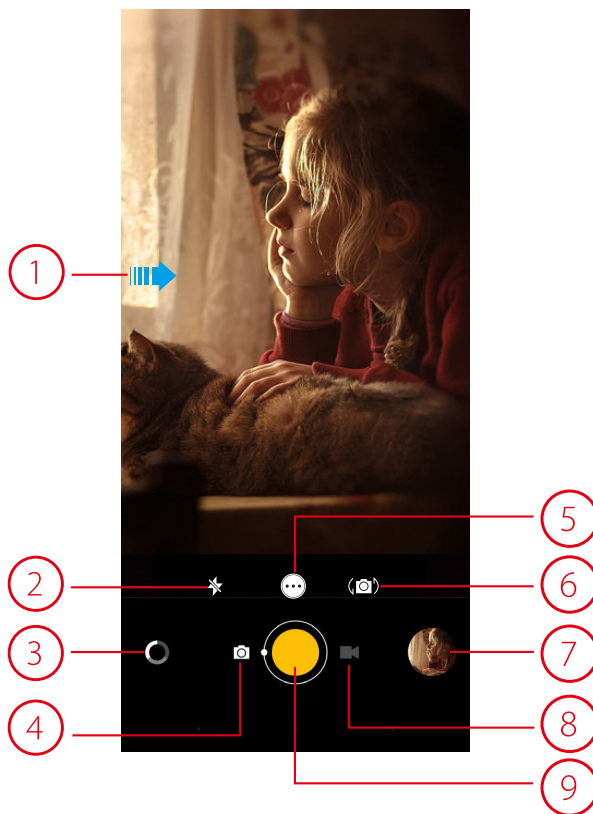
- [Get to know Camera](#)
- [Take a photo](#)
- [Record a video](#)

8.1 Get to know Camera

Launch the camera app

- **On the Home screen:** Tap  **Camera**.
- **On the Lock screen:** Press the Power button. Then swipe left until the camera app is launched.

Camera home screen



1. Swipe to show or hide the setting menu. For more information, see [Camera settings](#).
2. Tap to switch to the flash mode.
3. Tap to select a filter.
4. Tap to switch to camera mode.
5. Tap to select a shooting mode. For more information, see [Shooting mode](#).
6. Tap to switch between front camera and back camera.

7. View the photos and videos you have taken.
8. Tap to switch to video mode.
9. Tap to take a photo.

8.2 Take a photo

Tap  to choose camera mode, then tap the  or press Volume button to take a photo.
If you want to take a selfie, please tap  to switch to selfie mode.

Shooting mode

- **Intelligent:** Intelligent mode allows camera to evaluate the surroundings and determine the ideal mode for the photo.
 - **Normal:** Normal mode can set configuration automatically and allow you to capture the daily scenes.
 - **Scenery:** Scenery mode can adjust aperture automatically and make the photo colorful.
 - **Food:** Food mode allows you to capture the food photos more delicious.
 - **HDR:** HDR (High-dynamic-range) mode allows you to take more detailed images for low-light and highly contrasting scenes.
 - **Beauty:** Beauty mode can automatically beautify the images when you are taking photos
- Note: Your phone supports various filters when you are using Scenery and Food mode.

Camera settings

- **Time stamp:** Enable it to add the time stamp to your photos.
- **Self timer:** Set a timer to delay shooting.
- **Shutter sound:** Turn the shutter sound on or off.
- **Forced focus:** Turn the forced focus on or off.
- **Picture size:** Select the picture size.
- **Reset:** Reset camera to its default settings.

8.3 Record a video

Tap  to choose Video, and then tap  or press the Volume button to start and stop recording.

Video settings

Swipe from the left to open the video settings panel.

- **Microphone:** Turn the microphone on or off.
- **Video quality:** Select the video quality you need.

9 Calendar

Use Calendar to manage your event and tasks.

This chapter contains the following sections.

- [Use the calendar](#)
- [Calendar settings](#)

9.1 Use the calendar

View the calendar

1. On the Home screen, tap  **Calendar**.
2. Tap ▼ at the top of the screen to select Day, Week, Month, Agenda and Year to switch the calendar view.

Create an event

1. On the Home screen, tap  **Calendar**.
2. Tap  to create an event.
3. Follow the pop-up prompts to complete the settings and then tap **Done** when finished.

Delete an event

1. On the Home screen, tap  **Calendar** -> ⋮ -> **Delete events**.
2. Check the options you want to delete and tap .

9.2 Calendar settings

On the Home screen, tap  **Calendar** -> ⋮ -> **Settings** -> **General settings**.

Calendar view setting

- **Default view:** Tap to choose a view.
- **Hide declined events:** Check the option to hide declined events.
- **Show week number:** Check the option to show week number.
- **Week starts on:** Tap to choose the day when a week starts on.
- **Use home time zone:** Tap to display calendars and events in your home time zone when travelling.
- **Clear search history:** Tap to remove all the searches you've performed.

Notifications & reminders

- **Notifications:** Check the option to enable notifications.
- **Sound:** Tap to choose the sound when receiving notifications.
- **Vibrate:** Check the option to make the phone vibrate when receiving notifications.
- **Pop-up notification:** Check the option to enable pop-up notifications.
- **Ask for reminder snooze delay:** Check the option to always use default snooze delay.
- **Default reminder time:** Tap to set the default reminder time.
- **Quick responses:** Tap to edit default responses when emailing guests.

10 Clock

Use Clock to customize the time zone settings of your device, set alarms, and use your device as a stop watch or timer.

This chapter contains the following sections:

- [Alarm](#)
- [Worldclock](#)
- [Timer](#)
- [Stopwatch](#)

10.1 Alarm

Create an alarm

1. On the Home screen, tap  **Clock** ->  **Alarm** -> .
2. Choose a time for the alarm and tap **OK**.
3. Configure the following settings:
 - **Repeat:** Check the option to repeat the alarm.
 - **Ringtones:** Tap to choose a ringtone.
 - **Vibrate:** Tap the option to make the phone vibrate when the alarm takes effect.
 - **Label:** Tap to create a label for the alarm.

Delete an alarm

1. On the Home screen, tap  **Clock** -> .
2. Tap the alarm you want to delete and tap .

10.2 Worldclock

You can check the time of a country or region using Worldclock.

1. On the Home screen, tap  **Clock** ->  **Worldclock** ->  to choose a country or region.
2. Tap  and the time of the place will be displayed on the screen.

10.3 Timer

You can use Timer to count down.

1. On the Home screen, tap  **Clock** ->  **Timer**.
2. Set a specific time that you want to count down and then tap .
3. Tap  to stop counting and tap  to continue or tap  to restart the count down.
4. Tap **Label** to create a label for the timer.
5. Tap  to add another timer.
6. Tap  to delete the timer.

10.4 Stopwatch

Stopwatch contributes to recording precise time.

1. On the Home screen, tap  **Clock** ->  **Stopwatch**.
2. Tap  to start counting.
3. Tap  to stop counting, and then tap  to continue or tap  to restart.
4. Tap  once or several times to count the time when counting. The time of your each tap and the interval time between every two taps will be displayed.
5. Tap  to share the lap times.

11 Browser

Use your phone browser to browse the Internet and find out all that you are curious about.

This chapter contains the following sections.

- [Go to a webpage](#)
- [Browser tabs](#)
- [Bookmarks](#)
- [History](#)
- [Browser settings](#)

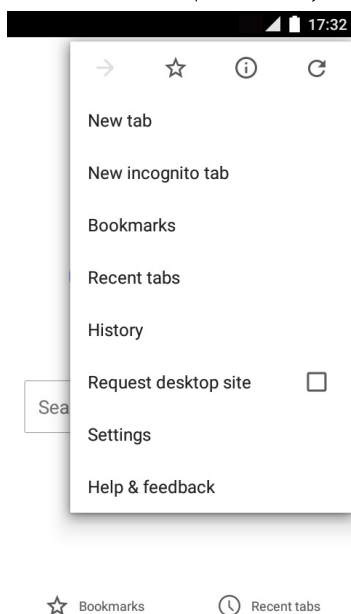
11.1 Go to a webpage

View a website

1. On the Home screen, tap  **Chrome**, then tap the address bar on top of the page and enter the web address you want to visit.
2. Tap .

Do more options about the web page

Tap  and choose the options that you want to configure.



- **New tab:** Tap to open a new tab.
- **New incognito tab:** Tap to open a new incognito tab.
- **Bookmarks:** Tap to view your bookmarks.
- **Recent tabs:** Tap to view the recent visited tabs.
- **History:** Tap to view your browsing history.
- **Request desktop site:** Check the option to turn the page to a desktop site.
- **Settings:** Tap to configure the browser settings.

- **Help & feedback:** Tap to search for help or send your feedback.

11.2 Browser tabs

You can view multiple pages simultaneously using tabs. Tap the icon  and all the pages will be displayed. The number on the icon means the current number of the web pages.

Open a tab

Tab  **Chrome** ->  -> **New tab**.

Close a tab

1. Tab  and choose the tab you want to close.
2. Drag the tab left or right to close the tab.

11.3 Bookmarks

Use bookmarks to record the address of a website so that you can find it easily.

On the Home screen, tap  **Chrome** ->  ->  to save the website to your bookmarks.

11.4 History

You can visit History to check the websites that you have visited before.

On the Browser interface, tap  -> **History** to view a list of recent visited and most visited web pages.

11.5 Browser settings

Basics settings

- **Search engine:** Tap to choose a search engine.
- **Merge tabs and apps:** Tap to enable it and the tabs will live together with recent apps.
- **Autofill forms:** Tap to enable autofill forms.
- **Save passwords:** Turn it on and the saved passwords will appear.

Advanced settings

- **Privacy:** Tap to configure the settings about privacy.
- **Accessibility:** Tap to configure the text scaling and force enable zoom.
- **Site settings:** Tap to configure the site settings.
- **Data Saver:** Tap to enable the data saver.
- **About Chrome:** Tap to know about the application version, operating system and legal information.

12 File Manager

Access files stored on your device (including AUDIO, VIDEO, IMAGE, DOCUMENT, COMPRESS and APP).

This chapter contains the following sections.

- [View files \(AUDIO, VIDEO, IMAGE, DOCUMENT, COMPRESS, APP\)](#)
- [Manage your files & folders](#)

12.1 View files (AUDIO, VIDEO, IMAGE, DOCUMENT, COMPRESS, APP)

1. On the Home screen, tap  **File Manager**. Files are stored in and organized into six categories (AUDIO, VIDEO, IMAGE, DOCUMENT, COMPRESS, APP).
2. Tap a category to view the relevant files.
3. Tap a file to view it.

12.2 Manage your files & folders

On the main screen of the File Manager, the following options are available:

Search

Tap  and then enter the file name to search.

New folder

You can add a new folder if needed.

1. Tap  **File Manager** -> **Internal storage** -> .
2. Enter a name for the new folder and tap **OK**.

Sort by

1. Tap  **File Manager** -> **Internal storage** -> .
2. Select a sort (Type/Name/Size/Date) to arrange the folders in a specific order.

Rename a folder

1. Tap  **File Manager** -> **Internal storage**.
2. Find the folder you want to rename and tap  -> **Rename**.
3. Enter a new name and tap **OK**.

Copy a folder

1. Tap  **File Manager** -> **Internal storage**. Find the folder you want to copy.
2. Tap and hold the folder and tap .
3. Select the folder you want to copy to and tap .

Move a folder

1. Tap  **File Manager** -> **Internal storage**. Find the folder you want to move.
2. Tap and hold the folder and tap .
3. Select the folder you want to move into and tap .

Delete a folder

1. Tap  **File Manager** -> **Internal storage**. Find the folder you want to remove.
2. Tap and hold the folder and tap  to remove it.

View the file information

You can view the file path, size, modified date, and its status.

1. Tap  **File Manager** -> **Internal storage**.
2. Find the folder you want to view and tap  -> **Details**.

Share files

1. Tap  **File Manager** -> **Share File**.
2. Tap the switch to open the file-sharing feature.

Note:

When opening the service, computer/pad/phone on the LAN can access to shared files. Make sure your computer, pad and phone are in the same LAN.

13 Weather

Use Weather to get current temperature for one or more cities around the world.

This chapter contains the following sections.

- [Add a city](#)
- [Check the weather](#)
- [Remove a city](#)
- [Weather settings](#)

13.1 Add a city

Add a city to check its real-time weather information.

1. On the Home screen, tap  **Weather**.
2. Add a city in the **City** field and the weather information about the city will be displayed on the screen.

13.2 Check the weather

On the Weather interface, slide left or right to switch to different cities and view the detailed weather information.

13.3 Remove a city

1. Tap  **Weather** ->  to log into the City list.
2. Tap  and then tap  beside the city you want to remove.

13.4 Weather settings

1. Tap  **Weather** ->  ->  to configure the weather settings.
 - **Temperature units:** Tap °C or °F until it turns blue as the temperature unit.
 - **Auto refresh:** Turn the switch on to make the phone auto refresh the weather information.
 - **Refresh interval:** Tap to set the refresh interval.

14 Gallery

Use Gallery to view the photos stored in your phone.

This chapter contains the following sections.

- [Manage your photos](#)
- [Screenshot](#)

14.1 Manage your photos

View photos

1. On the Home screen, tap  **Gallery**.
2. Choose an option to view your photos.
 - **Photos** : View the photos in a timeline.
 - **Albums**: View the photos grouped by album.
 - **Collections**: Create a new album and then you can view the photos grouped by your selection.

Edit a photo

1. Select the photo you want to edit. Then tap  to log into the edit page.
2. You can:
 - Tap **Edit** to crop or rotate the photo.
 - Tap **Effect** to select a filter.
 - Tap **Beauty** to beautify the photo.
 - Tap **Sticker** to add stickers to the photo.
 - Tap **Frame** to add a frame to the photo.
 - Tap **Blur** to make some region of the photo blurry.
 - Tap **Brush** to paint some patterns.
 - Tap **Mosaic** to add mosaic effects to the photo.
 - Tap **Color** to adjust the color.
3. Tap **Save** to complete the editing.

Delete a photo

1. Select the photo you want to edit.
2. Tap .

Share photos

1. Select the photo you want to share and tap .
2. Follow the pop-up prompts to share the photo.

14.2 Screenshot

Capture a screenshot

Press the Volume down button and Power button at the same time to capture a screenshot.

View a screenshot

Option One: Slide down from top of the screen to open the notification panel and tap the screenshot you have capture.

Option Two: Tap  **Gallery** -> **Albums** -> **Screenshot** to view.

15 Notes

Use Notes to record your important information for later reference.

This chapter contains the following sections.

- [Compose a note](#)
- [Note options](#)

15.1 Compose a note

1. On the Home screen, tap  **Notes** ->  and begin composing your new note.
2. When finishing composing, tap  to save the note.

15.2 Note options

Edit a note

1. On the Home screen, tap  **Notes**, tap the note you want to edit and start editing.
2. Tap  to save the note.

Delete a note

On the Home screen, tap  **Notes**, and then tap and hold the note you want to delete and tap  -> **OK**.

Delete all the notes

On the Home screen, tap  **Notes** ->  -> **Delete all** -> **OK**.

16 Applications

Enjoy the applications from Google and learn how to manage them.

This chapter contains the following sections.

- [Manage applications](#)
- [Google™ applications](#)

16.1 Manage applications

Download applications from

- Google Play™ Store
- Phone browser
- Computer browser

Install an application

1. On the Home screen, tap  **File Manager**.
2. Tap **APP** to view all the application files.
3. Select the application you want to install and follow the pop-up prompts.

Uninstall an application

1. On the Home screen, tap and hold the application icon you want to uninstall until  **Remove** appears at the top of the screen.
2. Tap  **Remove** -> **OK** to uninstall the application.

16.2 Google™ applications

Google

Google indexes billions of web pages so that you can search for the information you desire through the use of keywords and operators.

Gmail™

Gmail, a free webmail service provided by Google.

Maps™

Google Maps helps you find your current location, get directions, and other location-based information. To use Maps, you should enable location services first.

YouTube™

Use YouTube to share and view videos.

Drive™

Use Drive to open, view, rename, and share your Google Docs and files.

Play Music™

With Google Play Music, you can play music from local file or copied from your computer.

Play Movies & TV™

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you're not connected to the Internet. You can also view videos in local storage.

Hangouts™

Use Hangouts to meet friends and family, share photos and host video calls. The conversation logs would be saved automatically in your Gmail account.

Photos™

Use Google Photos to back up your photos and videos in the Google cloud.

Voice Search™

Use voice commands to search for the information you desire.

17 Tools

This chapter contains the following sections.

- [FM Radio](#)
- [Flashlight](#)
- [Sound Recorder](#)
- [Calculator](#)
- [Downloads](#)
- [System Update](#)
- [Feedback](#)
- [SIM Toolkit](#)

17.1 FM Radio

Scan stations

1. Connect a headset to the phone.
2. On the Home screen, tap **Tools** ->  **FM Radio**.
3. Tap  to search for all stations.

Listen to FM Radio

1. Connect a headset to the phone.
2. On the Home screen, tap **Tools** ->  **FM Radio**.

17.2 Flashlight

1. On the Home screen, tap **Tools** ->  **Flashlight** to enable the flashlight.
2. Tap  to turn on or off the flashlight.

17.3 Sound Recorder

Make a record

1. On the Home screen, tap **Tools** ->  **Sound Recorder**.
2. Tap  to start recording.
3. Tap  to pause.
4. Tap  -> **SAVE** to stop and save.

■ Note:

You can tap  -> **List** to view all the recordings you have saved.

Choose a format

Tap  -> **Format** to choose **AAC** or **WAV** format.

17.4 Calculator

1. On the Home screen, tap **Tools** ->  **Calculator**.
2. Tap numbers and use the arithmetic feature to complete an operation.

17.5 Downloads

On the Home screen, tap **Tools** ->  **Downloads** to view the download information.

17.6 System Update

1. On the Home screen, tap **Tools** ->  **System Update**.
2. Tap **Check for update**.
3. Follow the pop-up prompts to update the system.

17.7 Feedback

1. On the Home screen, tap **Tools** ->  **Feedback**.
2. Enter your feedback.
3. Attach the snapshot.
4. Tap **Submit**. Then the technical support will help you solve your issue.

17.8 SIM Toolkit

On the Home screen, tap **Tools** ->  **SIM Toolkit** to configure the settings.

■ Note: Please insert a SIM card before you launch SIM Toolkit.

18 Settings

This chapter contains the following sections.

- [*SIM cards*](#)
- [*Airplane mode*](#)
- [*Display*](#)
- [*Cast screen*](#)
- [*Sound and notification*](#)
- [*Storage*](#)
- [*Battery*](#)
- [*Apps*](#)
- [*Location*](#)
- [*Security*](#)
- [*Accounts*](#)
- [*Language and input*](#)
- [*Backup and reset*](#)
- [*Date and time*](#)
- [*Schedule power on & off*](#)
- [*Accessibility*](#)
- [*About phone*](#)

18.1 SIM cards

1. On the Home screen, tap  **Settings**.
2. Tap **SIM cards**.
3. Choose the preferred SIM for cellular data, calls or SMS messages.

18.2 Airplane mode

When you turn on airplane mode, you could not make calls. Additionally, other wireless functions may be disabled.

Option One

1. On the Home screen, tap  **Settings** -> **More**.
2. Tap the Airplane mode switch to turn it on.

Option Two

1. On the Home screen, swipe down from top of any screen (except for the Lock screen) twice to open the quick settings panel.
2. Tap **Airplane mode** to turn it on.

18.3 Display

1. On the Home screen, tap  **Settings** -> **Display**.

2. You can set the following options.
 - **Brightness level:** Tap to adjust screen brightness.
 - **Adaptive brightness:** Turn on the switch to enable your phone to optimize brightness level for available light.
 - **Sleep:** Tap to select the time when the phone starts to sleep.
 - **Daydream:** Tap to turn Daydream on to control what happens when the phone is docked and/or sleeping.
 - **Ambient display:** Turn the switch on to wake up screen on notification.
 - **Font size:** Tap to select a font size.

18.4 Lock screen

1. On the Home screen, tap  **Settings** -> **Lock screen**.
2. Tap **Screen lock** to choose a screen lock.
 - None:** Never use a screen lock.
 - Swipe:** Swipe the screen to unlock. It's the default option and offers no security.
 - Pattern:** Slide your finger on the dots to create a pattern. You can use the pattern to unlock the screen.
 - PIN:** Create a PIN code (must be at least 4 digits) to unlock the screen.
 - Password:** Create a password (must be at least 4 characters) to unlock the screen.

18.5 Sound and notification

1. On the Home screen, tap  **Settings**.
2. Tap **Sound & notification**.
3. You can set the following options.
 - **Media volume:** Tap to adjust media volume.
 - **Alarm volume:** Tap to adjust alarm volume.
 - **Ring volume:** Tap to adjust ring volume.
 - **Do not disturb:** Tap to configure the settings that you do not want your phone to disturb when receive notifications.
 - **Phone ringtone:** Tap to set a phone ringtone.
 - **Default notification ringtone:** Tap to set a default notification ringtone.
 - **Increasing ring volume:** Turn the switch on to enable increasing ring volume.
 - **Also vibrate for calls:** Turn the switch on to make the phone vibrate for calls.
 - **Vibrate on touch:** Turn the switch to enable vibrate on touch.
 - **Do Not Disturb access:** Tap to view the installed apps that have requested Do Not Disturb access.

18.6 Storage

1. On the Home screen, tap  **Settings** -> **Storage & USB**.
2. Know about the internal storage taken up by all applications.

18.7 Battery

1. On the Home screen, tap  **Settings** -> **Battery** -> .
2. Configure the following settings to better use your battery feature.
 - **Power plan:** Choose the power plan you like to better save your phone power.
 - **Battery optimization:** Tap to optimize the battery.

18.8 Apps

1. On the Home screen, tap  **Settings**.
2. Tap **Apps** to view all the apps and their space usage.

18.9 Location

1. On the Home screen, tap  **Settings**.
2. Tap **Location**.
3. Tap the switch to enable the location service.

18.10 Security

1. On the Home screen, tap  **Settings**.
2. Tap **Security**.
3. You can manage the security settings to secure your phone and protect your data.

18.11 Accounts

When you use your phone for the first time, you can set up a connection with your existing account or create a new account.

Add an account

1. On the Home screen, tap  **settings**.
2. Tap **Accounts**.
3. Tap **Add account**.
4. Select an account type.
5. Follow the pop-up prompts to set up the account.

Synchronize accounts

1. On the Home screen, tap  **settings**.
2. Tap **Accounts**.
3. Tap  -> **Auto-sync data** to turn it on.

Delete an account

1. On the Home screen, tap  **settings**.
2. Tap **Accounts**.
3. Select an account type.

4. Then select the account you want to delete.
5. Tap  -> **Remove account** to delete the account.

18.12 Language and input

Manage your phone's language and input settings.

Select your default language

1. On the Home screen, tap  **Settings**.
2. Tap **Language and input** -> **Language**.
3. Select the language from the list.

Keyboard settings

For more information, see [Type text](#).

Use Google Voice Typing

This feature uses Google voice recognition to convert your spoken words into text.

To quickly access Google Voice Typing, tap  on the Home screen and speak the words you want your phone to type.

Configure Google Voice Typing

On the Home screen, tap  **Settings** -> **Language and input** -> **Google voice typing**.

- **Languages:** Select a language as your default language.
- **"OK Google" detection:** Tap to choose whether you say "OK Google" to start a voice search from the Google app.
- **Hands-free:** Tap to choose whether you allow requests or not with device locked.
- **Speech output:** Tap to choose "On" or "Hands-free only".
- **Offline speech recognition:** Tap to download additional language packs.
- **Block offensive words:** Turn the switch to make the phone recognize and block offensive voice results.
- **Bluetooth headset:** Turn the switch to enable the phone to record audio through Bluetooth headset if available.

18.13 Backup and reset

You can back up your app data, WLAN passwords and other settings to Google servers.

Back up your data

1. On the Home screen, tap  **Settings** -> **Backup & reset**.
2. Tap **Back up my data** and turn the switch on.

Factory data reset

1. On the Home screen, tap  **Settings**.
2. Tap **Backup & reset** -> **Factory data reset** -> **RESET PHONE**.

18.14 Date & time

1. On the Home screen, tap  **Settings**.
2. Tap **Date & time**.
3. You can set the following options:
 - **Automatic date & time:** Turn the switch on to use network-provided time.
 - **Automatic time zone:** Turn the switch on to use the network-provided time zone.
 - **Set date:** Tap to set date manually when Automatic date & time option is disabled.
 - **Set time:** Tap to set time manually when Automatic date & time option is disabled.
 - **Select time zone:** Tap to select the time zone manually when Automatic time zone is disabled.
 - **Use 24-hour format:** Tap to switch between the 24-hour format and 12-hour format.

18.15 Accessibility

Use Accessibility to make mobile phone easy to use for all individuals, including those with disabilities.

1. On the Home screen, tap  **Settings**.
2. Tap **Accessibility**.
3. Set the accessibility options.

18.16 About phone

Use About phone to know more information about your phone including your phone's status, model, android version, baseband version and so on.

1. On the Home screen, tap  **Settings**.
2. Tap **About phone**.

Appendix A: Specifications

Specifications	
Size and Weight	Height: 133.4mm Width: 66.6mm Depth: 9.8mm Weight: 128 g
Color	White/Black/Yellow
Display	4.5inches, FWVGA 854 x 480 220PPI
CPU	Qualcomm MSM8909 ARM Cortex-A7 1.1 GHz GPU: Adreno™ 304
Memory	ROM: 8 GB RAM: 1 GB
Memory Slot	MicroSD card (up to 32 GB)
Camera	Front 2 Mega-pixel Rear 5 Mega-pixel, Auto Focus
Network	LTE FDD Cat4 (up to 150Mbps DL / 50Mbps UL) HSPA+ (up to 21Mbps DL / 5.76Mbps UL) DC-HSPA+ (up to 42Mbps DL / 5.76Mbps UL)
GPS	GPS/A-GPS
Sensors	Ambient Light Sensor Accelerometer Proximity sensor
Audio	Audio formats: 3GPP; MPEG-4; MPEG-TS; WAVE; FLAC; MP3; MIDI; Ogg; AAC+; eAAC; AMR-NB; AMR-WB; PCM
Video	Video formats: H.264 BP, MPEG-4 SP, H.263, VP8, VP9, (HEVC) H.265 MP
Connectivity	Wi-Fi 802.11b/g/n, 2.4GHz Bluetooth: 4.1 Dual Micro SIM card (Dual SIM Dual Standby) SIM1 Support 2G/3G/4G SIM2 Support 2G/3G/4G

Specifications	
Network Standard	FDD-LTE/WCDMA/GSM TP803A: GSM: band (2/3/5/8) WCDMA: band (1/5/8) LTE: band(1/3/5/7/8/20) TP803C: GSM: band (2/3/5) WCDMA: band (2/4/5) FDD-LTE: band (2/4/7/28A&B)
Navigation	GPS/GLONASS
Cloud Service	Supported
Operation System	Android 6.0
Battery	2020mAh
In the box	TP-LINK Neffos Y50 Charger USB Cable Quick Start Guide

Appendix B:

Technical Support

Contact our technical support if you have any questions related to this product.

Countries/Regions		Support
Global		Tel: +86 755 26504400 (English Service) Fee: Depending on rate of different carriers, IDD. E-mail: support@neffos.com(English Service) Service Time: 24 hours a day, 7 days a week.
Europe	Germany	Tel: +86 755/ 26504400 (englischsprachig) E-mail: support@neffos.com (englischsprachig) Service Time: 24/7
	Italy	Tel: +390221116579 E-mail: support.it@neffos.comService Time: 9:00 AM to 1:00PM & 2:00PM to 6:00PM, Monday to Friday.
	Poland	Tel: +48 (0) 801 002 228; +48 22 360 63 90 E-mail: support.pl@neffos.com Service Time: 9:00AM to 5:00PM, Monday to Friday.
	Russia	Tel: 8 (495) 228-55-60 (Moscow and the Moscow Region) 8 (800) 250-55-60 (free call from any region of the Russian Federation) E-mail: support.ru@neffos.com Service Time: 10:00 - 18:00 (GMT+3), Monday to Friday. *Except for holidays in the Russian Federation
	Spain	Tel: 902 060 365 E-mail: soporte.es@neffos.com Service Time: 9:00AM to 7:00PM, Monday to Thursday 9:00AM to 5:00PM, Friday (*Except Spanish Bank holidays) August, 8:00AM to 4:00PM, Monday to Friday.
	Turkey	Tel: +90 (850) 222 00 15 E-mail: support.tr@neffos.com
	Ukraine	Tel: 0 (800) 505-508 E-mail: support.ua@neffos.com Service Time: 10:00AM to 10:00PM, working day, Monday to Friday.
Middle East & Africa	United Arab Emirates	Tel: +971-4-3966356(Arabic & English) E-mail: support.mea@neffos.com Service Time: 8:30 - 22:30

Countries/Regions		Support
Asia-pacific	India	Toll Free:1800 2094 168 E-mail:support.in@neffos.com Service Time:10:00AM to 6:00PM, Monday to Saturday.
	Indonesia	Local No.: (+62) 021 63861936 E-mail: support.id@neffos.com Service Time: 09:00AM to 12:00AM & 01:00PM to 06:00PM, Monday to Friday.
	Malaysia	Tel: + 60 (3) 2141 4358 (Mon-Sun, 10.30am-8.00pm) E-mail: support.my@neffos.com Service Time: 24 hours a day, 7 days a week
	Singapore	Local No.: +65 62840493 E-mail: support.sg@neffos.com Service Time: 24 hours a day, 7 days a week
	Thailand	Tel: +66 2 440 0029 (Depending on rate of different carriers) E-mail:support.th@neffos.com Service Time: 08.30-17.30, Monday to Saturday.
	Vietnam	Local No.: (08) 62615079 E-mail: support.vn@neffos.com Service Time: Thứ 2 – Thứ 6: Giờ hành chính (8h30 – 12h ; 13h – 17h30); Thứ 7: Buổi sáng (8h30 – 12h)
Americas	Brazil	Tel: Portuguese Service Only 4007-2172 (Capitais e regiões metropolitanas) 0800-608-9799 (Demais localidades) 11 2222-1245 (SP) 21 3180-0092 (RJ) Service Time: Monday to Friday 9:00AM to 6:00PM, Saturday 9:00AM to 3:00PM. E-mail: suporte.br@neffos.com (Dúvidas Técnicas)
	Mexico	Local No.: +525 59 1388104 E-mail: support.mx@neffos.com Service Time: 09:00AM to 5:30PM, Monday to Friday.

Appendix C: Explanation of the symbols on the product label

The meaning of symbols on the product label is explained below.

Symbol	Explanation
 	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.
	To prevent possible hearing damage, do not listen at high volume levels for long periods.

COPYRIGHT & TRADEMARKS

Specifications are subject to change without notice. **neffos** is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders.

No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-Link Technologies Co., Ltd. Copyright © 2016 TP-Link Technologies Co., Ltd. All rights reserved.

Android is a trademark of Google Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. And any use of such marks by TP-Link Technologies Co., Ltd. is under license.

<http://www.neffos.com>



Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



Personal information and data security

The use of some functions or third-party applications on your device could result in your personal information and data being lost or becoming accessible to others. Several measures are recommended to help you protect personal and confidential information.

- Place your device in a safe area to prevent it from unauthorized use.
- Set your device screen to lock and create a password or unlock pattern to open it.
- Periodically back up personal information kept on your USIM card, memory card, or stored in your device memory. If you change to a different device, be sure to move or delete any personal information on your old device.
- If you are worried about viruses when you receive messages or emails from a stranger, you can delete them without opening them.
- If you use your device to browse the Internet, avoid websites that might pose a security risk to avoid theft of your personal information.
- If you use services such as Wi-Fi tether or Bluetooth, set passwords for these services to prevent unauthorized access. When these services are not in use, turn them off.
- Install or upgrade device security software and regularly scan for viruses.
- Be sure to obtain third-party applications from a legitimate source. Downloaded third-party applications should be scanned for viruses.
- Install security software or patches released by Neffos or third-party application providers.
- Some applications require and transmit location information. As a result, a third-party may be able to share your location information.
- Your device may provide detection and diagnostic information to third-party application providers. Third party vendors use this information to improve their products and services.
- If you have concerns about the security of your personal information and data, please contact support@neffos.com.

Legal notice

Copyright © 2017 TP-Link Technologies Co., Ltd. All rights reserved.

Trademarks and permissions

neffos is a registered trademark of TP-Link Technologies Co., Ltd.

Android is a trademark of Google Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by TP-Link Technologies Co., Ltd. is under license.

Other trademarks, product, service and company names mentioned may be the property of their respective owners.

Third-Party software statement

Neffos does not own the intellectual property of the third-party software and applications that are delivered with this product. Therefore, Neffos will not provide any warranty of any kind for third party software and applications. Neither will Neffos provide support to customers who use third-party software and applications, nor be responsible or liable for the functions or performance of third-party software and applications.

Third-party software and applications services may be interrupted or terminated at any time, and Neffos does not guarantee the availability of any content or service. Third-party service providers provide content and services through network or transmission tools outside of the control of Neffos. To the greatest extent permitted by applicable law, it is explicitly stated that Neffos shall not compensate or be liable for services provided by third-party service providers, or the interruption or termination of third-party contents or services. Neffos shall not be responsible for the legality, quality, or any other aspects of any software installed on this product, or for any uploaded or downloaded third-party works in any form, including but not limited to texts, images, videos, or software etc. Customers shall bear the risk for any and all effects, including incompatibility between the software and this product, which result from installing software or uploading or downloading the third-party works.

This product is based on the open-source Android™ platform. Neffos has made necessary changes to the platform.

Therefore, this product may not support all the functions that are supported by the standard Android platform or may be incompatible with third-party software. Neffos does not provide any warranty or representation in connect with any such compatibility and expressly excludes all liability in connection with such matters.

DISCLAIMER

ALL CONTENTS OF THIS MANUAL ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS MANUAL.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL NEFFOS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOSS OF PROFITS, BUSINESS, REVENUE, DATA, GOODWILL SAVINGS OR ANTICIPATED SAVINGS REGARDLESS OF WHETHER SUCH LOSSES ARE FORSEEABLE OR NOT.

THE MAXIMUM LIABILITY (THIS LIMITATION SHALL NOT APPLY TO LIABILITY FOR PERSONAL INJURY TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH A LIMITATION) OF NEFFOS ARISING FROM THE USE OF THE PRODUCT DESCRIBED IN THIS MANUAL SHALL BE LIMITED TO THE AMOUNT PAID BY CUSTOMERS FOR THE PURCHASE OF THIS PRODUCT.

Privacy policy

To better understand how we protect your personal information, please see the privacy policy at www.neffos.com.

Safety information

This section contains important information about the operation of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

Electronic device

Do not use your device if using the device is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices.

Interference with medical equipment

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.

- Avoid using your device within a 15 cm range of a pacemaker if possible, as your device can interfere with the pacemaker. To minimize possible interference with a pacemaker, use your device only on the side of your body that is opposite the pacemaker.
- If you use medical equipment, contact the equipment manufacturer before using your device to determine whether or not the equipment will be affected by radio frequencies emitted by the device.
- Do not use your device near devices or apparatuses that emit radio frequencies, such as sound systems or radio towers. Radio frequencies may cause your device to malfunction.
- Do not use your device near devices or apparatuses that emit radio frequencies, such as sound systems or radio towers. Radio frequencies may cause your device to malfunction.
- Electronic devices in your car may malfunction, due to radio interference from your device. Contact the manufacturer for more information.

Protecting your hearing when using a headset

-  To prevent possible hearing damage, do not listen at high volume levels for long periods.
- Using a headset at high volumes may damage your hearing. To reduce this risk, lower the headset volume to a safe and comfortable level.
- Exposure to high volumes while driving may cause distraction and increase your risk of an accident.
- Do not use a headset while driving or riding. Doing so may distract your attention and cause an accident, or may be illegal depending on your region.

Areas with flammables and explosives

- Turn off your device in potentially explosive environments instead of removing the battery. Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refueling points (petrol stations), near fuels or chemicals, or in blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Traffic security

- Observe local laws and regulations while using the device. To reduce the risk of accidents, do not use your wireless device while driving.
- Concentrate on driving. Your first responsibility is to drive safely.
- Do not hold the device while driving. Use hands-free accessories.
- When you must make or answer a call, pull off the road safely and park the vehicle first.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- Do not place the device over the air bag or in the air bag deployment area in a motor vehicle. Doing so may hurt you because of the strong force when the air bag inflates.
- On an aircraft, using electronic devices can interfere with the aircraft's electronic navigational instruments. Make sure the device is turned off during takeoff and landing. After takeoff, you can use the device in flight mode if allowed by aircraft personnel.

Operating environment

- Do not expose the device to heavy smoke or fumes. Doing so may damage the outside of the device or cause it to malfunction.
- Do not use or store your device in areas with high concentrations of dust or airborne materials. Dust or foreign materials can cause your device to malfunction and may result in fire or electric shock.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.
- Avoid exposing your device and battery to very cold or very hot temperatures. Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Prevent the battery from coming into contact with metal objects, as this can create a connection between the + and – terminals of your battery and lead to temporary or permanent battery damage.

- Do not expose your device to direct sunlight (such as on a car dashboard) for prolonged periods.
- To protect your device or accessories from fire or electrical shock hazards, avoid rain and moisture.
- Keep the device away from sources of heat and fire, such as a heater, microwave oven, stove, water heater, radiator, or candle.
- Do not place sharp metal objects, such as pins, near the earpiece or speaker. The earpiece may attract these objects and result in injury.
- Prevent the multipurpose jack and the small end of the charger from contact with conductive materials, such as liquids, dust, metal powders, and pencil leads. Conductive materials may cause a short circuit or corrosion of the terminals, which may result in an explosion or fire.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- Do not touch the device's antenna. Otherwise, communication quality may be reduced.
- Do not allow children or pets to bite or suck the device or accessories. Doing so may result in damage or explosion.
- Observe local laws and regulations, and respect the privacy and legal rights of others.
- Do not use your device's camera flash directly in the eyes of people or pets. Otherwise temporary loss of vision or damage to the eyes may occur.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.

Child's safety

- Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.
- The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

Accessories

- Using an unapproved or incompatible power adapter, charger or battery may cause fire, explosion or other hazards.
- Use manufacturer-approved batteries, chargers, accessories, and supplies
- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction. They may also cause a fire or cause the battery to explode.
- TP-LINK cannot be responsible for the user's safety when using accessories or supplies that are not approved by TP-LINK.

Charger safety

- For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible.
- Unplug the charger from electrical outlets and the device when not in use.
- Do not drop or cause an impact to the charger.
- Do not use damaged power cords or plugs, or loose electrical sockets. Unsecured connections can cause electric shock or fire.
- Never use a damaged charger or battery.
- Do not touch the device or the charger with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- If your charger has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.
- Ensure that the charger meets the requirements of Clause 2.5 in IEC60950-1/EN60950-1 and has been tested and approved according to national or local standards.
- Connect the device only to products with the USB-IF logo or with USB-IF compliance program completion.
- Do not bend or damage the power cord. Doing so may cause electric shock or fire.
- Do not use your device while it is charging or touch your device with wet hands. Doing so may cause electric shock.

- Do not short-circuit the charger or the device. Doing so may cause electric shock or fire, or the battery may malfunction or explode.

Battery safety

- Do not connect battery poles with conductors, such as keys, jewelry, or other metal materials. Doing so may short-circuit the battery and cause injuries or burns.
- Keep the battery away from excessive heat and direct sunlight. Do not place it on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode if overheated.
- Do not attempt to modify or remanufacture the battery, insert foreign objects into it, or immerse or expose it to water or other liquids. Doing so may lead to fire, explosion, or other hazards.
- If the battery leaks, ensure that the electrolyte does not make direct contact with your skins or eyes. If the electrolyte touches your skins or splashes into your eyes, immediately flush with clean water and consult a doctor.
- In case of battery deformation, color change, or overheating while charging or storing, immediately stop using the device and remove the battery. Continued use may lead to battery leakage, fire, or explosion.
- Do not put batteries in fire as they may explode. Damaged batteries may also explode.
- Dispose of used batteries in accordance with local regulations. Improper battery use may lead to fire, explosion, or other hazards.
- Do not bite or suck the device or the battery. Doing so may damage the device or result in an explosion or fire.
- Do not smash or pierce the battery, or expose it to high external pressure. Doing so may lead to a short circuit or overheating.
- Do not drop the device or battery. If the device or battery is dropped, especially on a hard surface, and may be damaged.
- If the device standby time shortens significantly, replace the battery.
- Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery. For safe disposal of your Li-Ion battery, contact your nearest authorized service center.
- If you notice strange smells or sounds coming from your device or the battery, or if you see smoke or liquids leaking from the device or battery, stop using the device immediately and take it to a TP-LINK Service Centre. Failure to do so may result in fire or explosion.

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

Cleaning and maintenance

- Keep the device and accessories dry. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer. Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.
- Do not expose your device or accessories to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion.
- Avoid collision, which may lead to device malfunctions, overheating, fire, or explosion.
- Before you clean or maintain the device, stop using it, stop all applications, and disconnect all cables connected to it.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or accessories. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and accessories.
- Do not store your device near magnetic fields for extended periods of time. Your device may malfunction or the battery may discharge from exposure to magnetic fields. Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.
- Do not use your device with the back cover removed. The battery may fall out of the device, which may result in damage or malfunction.
- Do not dismantle or remanufacture the device and its accessories. This voids the warranty and releases the manufacturer from liability for damage. In case of damage, contact an authorized service center for assistance or repair.

- If the device screen is broken in a collision, immediately stop using the device. Do not touch or attempt to remove the broken parts. Promptly contact an authorized service center.
- Do not store your device with metal objects, such as coins, keys, and necklaces. Your device may be scratched or may malfunction. If the battery terminals come into contact with metal objects, this may cause a fire.

Emergency calls

The availability of emergency calls is subject to your cellular network quality, service provider policy, and local laws and regulations. Never rely solely on your device for critical communications like medical emergencies.

Environmental protection

- The device and its accessories (if included), such as the power adapter, headset, and battery should not be disposed of with household garbage.
- Disposal of the device and its accessories is subject to local regulations. Support proper collection and recycling.

Disposal and recycling information

 This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, batteries, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

This product is RoHS compliant.

EU regulatory conformance.

Body worn operation

The device complies with RF specifications when used near your ear or at a distance of 5 mm from your body. Ensure that the device accessories, such as a device case and device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

Certification information (SAR)

This device meets guidelines for exposure to radio waves. Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), an independent scientific organization, and include safety measures designed to ensure the safety of all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level during operation can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue, and the highest SAR value for this device complies with this limit.

The highest SAR value reported for this device type when tested at the ear is 0.220 W/kg, and when properly worn on the body is 0.974 W/kg.

Operating Frequency:

GSM900 : Tx 880~915, Rx 925~960; Power Class: Class 4;

GSM1800 : Tx 1710~1785, Rx 1805~1880; Power Class: Class 1;

WCDMA Band I: Tx 1920~1980, Rx 2110~2170; Power Class: Class 3;

WCDMA Band VIII : Tx 880~915, Rx 925~960; Power Class: Class 3;

LTE Band 1: Tx 1920~1980, Rx 2110~2170; Power Class: Class 3;

LTE Band 3: Tx 1710~1785, Rx 1805~1880; Power Class: Class 3;

LTE Band 7: Tx 2500~2570, Rx 2620~2690; Power Class: Class 3;

LTE Band8: Tx 880~915, Rx 925~960; Power Class: Class 3;

LTE Band20: Tx 832~862, Rx 791~821; Power Class: Class 3;

WLAN 802.11 b/g/n: 2412~2472 (Rated Power 15.7dBm);

Bluetooth: 2402~2480; Power Class: Class 1;

Bluetooth(BLE): 2402~2480; Power Class: Class 1;

Statement

Hereby, TP-Link Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and 2011/65/EU.

For the declaration of conformity, visit the web site "<http://www.neffos.com/en/ce>".

The following marking is included in the product:



This device may be operated in all member states of the EU. Observe national and local regulations where the device is used.

This device may be restricted for use, depending on the local network.