



N105 | User Guide

Contents

About this guide	i
Chapter 1. Get started	1
1.1 Overview	1
1.2 Key functions	2
1.3 Assemble your device	3
1.4 Power on/off your phone	4
1.5 Unlock/lock the keys	4
1.6 Charge your phone	4
Chapter 2. Basics	5
2.1 Interface icons	5
2.2 Type text	6
2.3 Turn the torch on/off	6
2.4 Adjust ringtone and volume	6
2.5 Copy content between your phone and computer	7
Chapter 3. Calls and Contacts	8
3.1 Make and answer a call	8
3.2 Call logs	9
3.3 Contacts	9
Chapter 4. Messages	11
4.1 Send messages	11
4.2 Receive and reply to messages	11
4.3 Delete messages	12
Chapter 5. FM radio	13
5.1 Listen to radio	13
5.2 Save radio stations	13
5.3 Manage channel list	13
Chapter 6. Alarm	14
6.1 Edit an alarm	14
6.2 Enable or disable an alarm	14

Chapter 7. Calendar.....	15
7.1 View the calendar.....	15
7.2 Add new schedules.....	15
7.3 Edit schedules.....	15
7.4 Delete schedules.....	15
Chapter 8. Calculator	16
8.1 Use the calculator	16
8.2 Repeat an operation	16
Chapter 9. Camera	17
9.1 Take photos	17
9.2 View and delete captured photos	17
9.3 Record videos	17
9.4 View and delete recorded videos.....	17
Chapter 10.Media and Games.....	19
10.1 View and delete photos.....	19
10.2 Record videos	19
10.3 Play music.....	19
10.4 Play videos	19
10.5 Manage files.....	20
10.6 Play games	20
Chapter 11.Settings	21
11.1 Configure dual-SIM settings	21
11.2 Set time and date.....	21
11.3 Set system languages	21
11.4 Set shortcut keys.....	21
11.5 Restore factory settings	21
11.6 Adjust brightness.....	22
11.7 Set display backlight duration.....	22
11.8 Set auto keypad lock	22
11.9 Improve security	22
11.10 About phone	23
Appendix A: Specifications.....	24
Appendix B: Technical Support.....	25

Appendix C: Explanation of the symbols on the product label..... 31

Appendix D: Authentication 32

About this guide

This guide is a complement to Quick Start Guide. The Quick Start Guide provides instructions for quick setup, while this user guide provides more details for you to configure your 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. All images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following conventions are used:

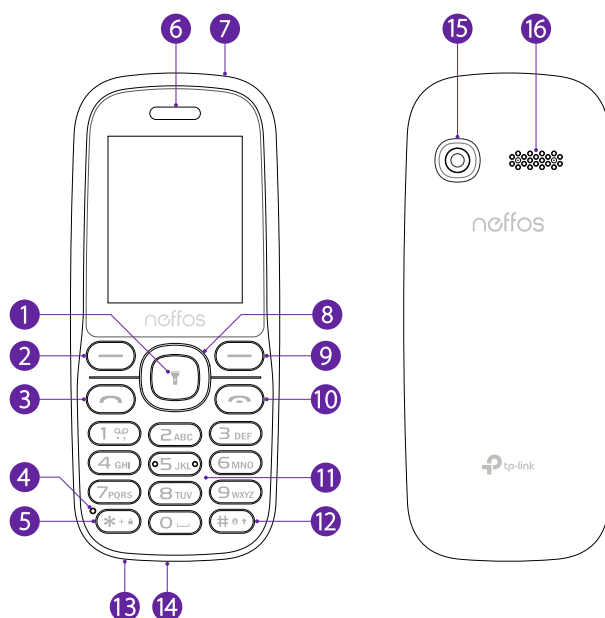
Convention	Description
Phone	Stands for Neffos N105 without any explanation.
<u>Underlined</u>	Italic and underlined words or phrases are hyperlinks. You can click to redirect to a specific section for more details.
>	The menu structure which shows the path to enter the corresponding page. For example, Menu > Messages means the Messages function page is under the Menu .
 Note:	Highlights important information and tips, and provides additional information.
 Caution:	Indicates potential problems that may arise if proper care or attention is not given.

1 Get started

Get started with the basics and have your phone set up.

- [Overview](#)
- [Key functions](#)
- [Assemble your device](#)
- [Power on/off your phone](#)
- [Unlock/lock the keys](#)
- [Charge your phone](#)

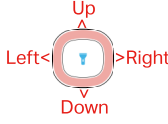
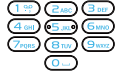
1.1 Overview



1	OK key	9	Right key
2	Left key	10	End call/Power key
3	Call key	11	Key pad
4	Microphone	12	# key
5	* key	13	Headphone jack
6	Earpiece	14	Charging/Data port
7	Torch	15	Camera
8	Up/Down/Left/Right navigation key	16	Speaker

1.2 Key functions

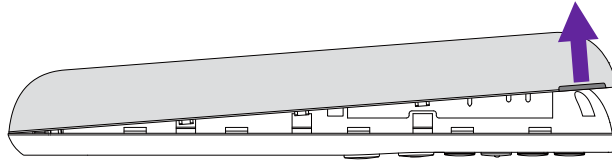
Explore the keys and parts of your new phone.

Key		Function Description
OK key		- Select the current option. - On the Home screen, press and hold it to turn on/off the torch. - On the Home screen, press it to enter Menu.
Navigation key		- Scroll the cursor up/down/left/right. - On the Home screen, press the Up navigation key to enter Calendar. - On the Home screen, press the Down navigation key to enter Camera. - On the Home screen, press the Left navigation key to write message. - On the Home screen, press the Right navigation key to enter Contacts.
Left key		- On the Home screen, press it to enter Menu. - Select the options in the bottom left corner.
Right key		- On the Home screen, press it to enter Contacts. - Select the options in the bottom right corner.
Call key		- Make or answer a call. - On the Home screen, press the Call key to enter Call logs.
End call/Power key		- End an active call or reject a call. - Press and hold it to power on/off the phone. - Exit from any interface to the Home screen.
Key pad		- Input numbers or characters. - Press and hold the appropriate number key to make a speed dial call. For how to set the speed dial, see Set a speed dial.
* key		- Input characters while editing text. - Input * or + in the dialer.
# key		- Input # in the dialer. - Select text mode while editing text. - On the Home screen, press and hold it to switch between normal/silent/vibrate mode.

1.3 Assemble your device

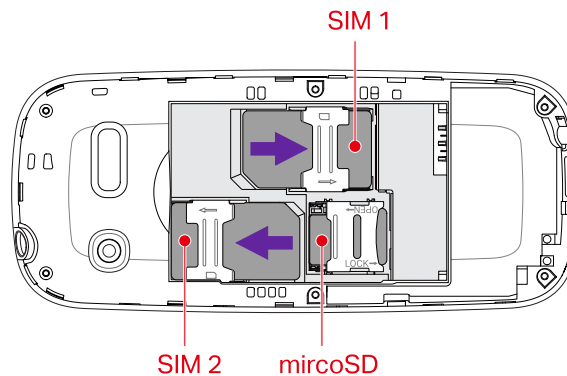
Remove the back cover

Switch the device off and disconnect the charger and any other device before removing any covers. Hold your phone face down, put a fingernail in the bottom corner hole in the cover and pry the back cover off.



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

Insert cards



- **Insert the SIM cards**

Carefully slide the Normal SIM cards into the card slots with the gold contacts facing down. Your phone supports two Normal SIM cards. You can use one or two SIM cards by putting them in the corresponding card slots.

⚠ Caution:

1. This device is designed to be used with one or two Normal SIM cards. Using incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card.



2. If the card is not inserted correctly, the phone will not detect it.
3. Your phone supports only dual card dual standby single pass, which means you cannot use both SIM cards for calls or data services simultaneously.

- **Insert the microSD card**

1. Slide the clip up and lift the clip to open it.
2. Insert the microSD card into the slot with the gold contacts facing down.
3. Lower the clip and slide it down to lock the clip.

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 Power on/off your phone

Press and hold the Power key to turn on or turn off your phone.

📌 Note: If your phone does not respond after holding down the Power button for about 10 seconds, the

battery may be empty. Connect your phone to a charger to charge the battery.

1.5 Unlock/lock the keys

- **Unlock the keys:** Press any key to wake the screen up; press the Left key and then press the * key.
- **Lock the keys:** On the Home screen, press the Left key and then press the * key.

1.6 Charge your phone

Your phone displays a low battery warning when the battery is nearly empty, and your phone will turn off automatically when the battery is nearly empty. Charge your phone immediately to prevent it from switching off automatically.

⚠ Caution:

1. When charging your phone, only use genuine Neffos batteries and chargers. Third-party accessories are a potential safety hazard and may impair your phone's performance.
2. Avoid using your phone when it is charging. Do not cover your phone or the power adapter.
3. It is entirely normal that your phone may become warm after prolonged use or when exposed to high ambient temperatures. If your phone becomes hot to touch, stop charging it and disable unnecessary features. Place your phone in a cool location and allow it to cool down to room temperature. Avoid prolonged contact with the surface of your phone if it becomes hot.

Use the charger to charge your device

Connect your phone to a mains socket using the charger that came with your phone.

Use a USB port to charge your device

Charge your device by connecting it to a computer with a USB cable, and select **Charging**.

2 Basics

Learn how to get the most out of your new phone.

- [Interface icons](#)
- [Type text](#)
- [Turn the torch on/off](#)
- [Adjust ringtone and volume](#)
- [Copy content between your phone and computer](#)

2.1 Interface icons

Learn the interface icons, include status icons and notification icons.

Status icons

Status icons tell you about your phone's status, including battery, signal strength, SIM cards and more.

Status icons	Indications
	Battery full
	Battery low
	Signal strength
	No signal
	No SIM card installed
	MicroSD card installed
	Vibrate mode enabled
	Silent mode enabled
	Headset inserted
	Alarms enabled

Notification icons

Notification icons will be displayed when you missed calls or received new messages.

Notifications icons	Indications
	Missed calls

	New messages
---	--------------

2.2 Type text

Change input language

On the input screen, press the **#** key. Select **Input language**, and choose the input language you need.

Change input mode

On the input screen, press the **#** key. Select the input mode you need.

i Note: Under some input language, you should press and hold the **#** key to open the input mode list.

Input words/letters/numbers

- In the **abc/Abc/ABC mode**: Press the corresponding keys repeatedly until the desired letter or number appears.
- In the **En/en/EN mode**: Press the keys to key in words. When typing, press the Down/Up/Left/Right navigation key to find matching words shown in the dictionary and pressing the OK key or the Left key to select the word you need.
- In the **123 mode**: Press the number key once to enter the number.

Input symbols

You can input symbols in following ways:

- Press the ***** keys and choose the symbol you need.
- In the **En/en/EN mode**, press the **1** key and choose the symbol you need.
- In the **abc/Abc/ABC mode**, press the **1** key till the symbol (common symbols) appears.

Input space

Press the **0** key, except in the **123** mode.

Erase characters

Press the Right key.

2.3 Turn the torch on/off

You can turn the torch on or off in following ways:

- On the Home screen, press and hold the OK key to turn the torch on or off.
- On the Home screen, select **Menu > Extras > Torch** and select **On** or **Off**.

2.4 Adjust ringtone and volume

1. On the Home screen, select **Menu > Settings > Profiles** and find your profile.
2. Select **Options > Settings**. You can rename the profile, set the ringtone and volume of call and message, choose the ring type and customize other alert rings.

2.5 Copy content between your phone and computer

1. Insert a memory card into your phone.
2. Connect your phone to a compatible computer with a compatible USB cable.
3. Select **Mass storage** on the pop-up prompt.
4. On your computer, open a file manager, such as Windows Explorer, and browse to your phone. You can see the content stored on the memory card.
5. Drag and drop items between your phone and computer.
 - ❗ Note: Apps and games installed on the phone memory card can not be used normally in this connecting type. Media and Camera also can not be used normally.

3

Calls and Contacts

Make calls with your phone to contact one quickly.

- [Make and answer a call](#)
- [Call logs](#)
- [Contacts](#)

3.1 Make and answer a call

Make a call from dialer

1. Type in the phone number.
2. Press the Call key. If asked, select which SIM card to use to call.
3. To end the call, press the End call key.

Dial a recent number from the Call logs

1. On the Home screen, press the Call key or select **Menu > Call logs** to enter **Call logs**.
2. Press the Left/Right navigation key to switch between **Missed**, **Dialed**, **Received** and **Rejected** call list.
3. Choose a number or contact and press the Call key. If asked, select which SIM card to use to call.
4. To end the call, press the End call key.

Dial from Contact list

1. On the Home screen, select **Contacts**.
2. Choose the contact you want to call and press the Call key. If asked, select which SIM card to use to call.
3. To end the call, press the End call key.

Make an international call

1. Press the * key twice to enter + symbol.
2. Type in the country code, area code, and phone number.
3. Press the Call key. If asked, select which SIM card to use to call.
4. To end the call, press the End call key.

Make an emergency call

On the Locked screen, enter the emergency number for your location directly and select **SOS**.

 Note:

1. You must be in an area with cellular coverage, when you have to make an emergency call.
2. The ability to make emergency calls depends on local regulations and carriers in your area.
3. Poor network coverage or environmental interference may prevent your call from being connected. Never rely solely on your device for essential communication during emergencies.

Answer or reject a call

- Press the Call key to answer the call.

- Press the End key to reject the call.

3.2 Call logs

View recent calls

1. On the Home screen, press the Call key or select **Menu > Call logs** to enter **Call logs**.
2. Press the Left/Right navigation key to switch between **Missed**, **Dialed**, **Received** and **Rejected** call list.
3. Select one to view the call details.

Send a message from the call logs

1. On the Home screen, press the Call key or select **Menu > Call logs** to enter **Call logs**.
2. Press the Left/Right navigation key to switch between **Missed**, **Dialed**, **Received** and **Rejected** call list.
3. Choose a number or contact and select **Options > Create SMS**.
4. After writing, press the OK key to send. If asked, select which SIM card to use to send the message.

Delete call logs

1. On the Home screen, press the Call key or select **Menu > Call logs** to enter **Call logs**.
2. Press the Left/Right navigation key to switch between **Missed**, **Dialed**, **Received** and **Rejected** call list.
3. Choose a number or contact and select **Options > Delete**.

3.3 Contacts

View contacts

1. On the Home screen, select **Contacts**.
2. Press the Left/Right navigation key to switch between **All** contacts and **Group** contacts.

Add a contact

You can create a new contact or add a number to a contact in following ways:

- **Add a contact directly**
 1. On the Home screen, enter the phone number you want to save.
 2. Select **Options > Add to contacts**.
 3. Select **Add to new contact** to save the number as a new contact, and select the storage location you want to store the contact to. Or select **Add to exist contact** to add the number to an existing contact.
 4. Configure the contact information and select **Save**.
- **Add a contact in Contacts**
 1. On the Home screen, select **Contacts > Options**.
 2. Select **New** and the select the storage location you want to store the contact to.
 3. Configure the contact information and select **Save**.
- **Save a recent call to your contact list**

1. On the Home screen, press the Call key or select **Menu > Call logs** to enter **Call logs**.
 2. Press the Left/Right navigation key to switch between **Missed**, **Dialed**, **Received** and **Rejected** call list.
 3. Choose a number or contact and select **Options > Add to contacts**.
 4. Select **Add to new contact** to save the number as a new contact, and select the storage location you want to store the contact to. Or select **Add to exist contact** to add the number to an existing contact.
 5. Configure the contact information and select **Save**.
- **Add a contact in Message**
 1. On the Home screen, select **Menu > Messages > Inbox**.
 2. Choose the message you need and select **Options > Add sender to**.
 3. Select **Add to new contact** to save the number as a new contact, and select the storage location you want to store the contact to. Or select **Add to exist contact** to add the number to an existing contact.
 4. Configure the contact information and select **Save**.

Edit a contact

1. On the Home screen, select **Contacts**.
2. Select a contact and select **Options > Edit**.
3. Configure the contact information and select **Save**.

Delete Contacts

1. On the Home screen, select **Contacts**.
2. Choose a contact and select **Options > Delete**.

Set a speed dial

Set the speed dials to dial your most frequently-connected acquaintances by just pressing and holding one corresponding key.

1. On the Home screen, select **Contacts > Options > Advanced settings > Speed dial**.
2. Choose a number and select **Options > Edit** to edit the number.
3. Enter the phone number or select **Contacts** to choose a contact.
4. Select **OK** to save the speed dial number.

4 Messages

Use Messages to keep in touch with your friends and family.

- [Send messages](#)
- [Receive and reply to messages](#)
- [Delete messages](#)

4.1 Send messages

You can send text messages that are longer than the character limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly. Characters with accents, other marks, or some language options, take more space, and limit the number of characters that can be sent in a single message.

1. You can enter sending messages screen by following ways:
 - On the Home screen, press the Left navigation key.
 - On the Home screen, select **Menu > Messages > Create SMS** and press the OK key.
2. Set the recipients. You can:
 - **Enter phone number:** Press the Number keys to enter the phone number directly. If there are two or more recipients, after entering the first phone number, press the Right navigation key to enter the recipients.
 - **Search contacts by key words:** Press the OK key. Enter the key words of the contact you want to send messages such as the number or name of the contact information into the search bar, and then select the contacts you want to send messages. Select **Options > OK**.
 - **Find contacts directly:** Press the OK key. Press the Up or Down navigation key to directly select the contacts you want to send messages. Select **Options > OK**.
 - **Find contacts from group contacts:** Press the OK key. Press the Right navigation key, select a group, and then select the contacts you want to send messages. Select **Options > OK**.
3. Press the Down navigation key to write your message. During the writing, you can select **Options** to set the input method, insert template, add contact information and emtions in the message content.
4. After writing, press the OK key to send. If asked, select which SIM card to use to send the message:

4.2 Receive and reply to messages

Receive and reply to new-arrived messages

1. When new messages arrive, select **Read** to view the new messages. If the screen or keys are locked, unlock the screen or keys first.
2. After reading the message, press the OK key and compose the message. Then press the OK key to send it out.

Receive and reply to messages later

1. Select **Menu > Messages > Inbox** and view the messages.

2. Select the message you want to reply to. Compose the message and then press the OK key to send it out.

4.3 Delete messages

1. On the Home screen, select **Menu > Messages**. All the messages are divided into four categories:
 - **Inbox**: Messages you received.
 - **Drafts**: Messages you saved as drafts.
 - **Outbox**: Messages that are failed to be sent out.
 - **Sent**: Messages that are sent out successfully.
2. Select one message category and find the message you want to delete. Then select **Options > Delete** to delete it.

5 FM radio

Enjoy listening to radio stations around the world.

- [Listen to radio](#)
- [Save radio stations](#)
- [Manage channel list](#)

5.1 Listen to radio

1. Connect a headset to the phone.
 2. On the Home screen, select **Menu > FM radio > Options**, and then you can:
 - Select **Channel list**, choose the radio station you want to listen to, and then press the OK key.
 - Select **Auto search and save** and it will search for all available stations.
 - Select **Manual search**, input the frequency of the channel you want to listen to, and press the OK key. Ensure the frequency is valid, otherwise it can not be listened to.
 3. On the FM radio screen, you can:
 - **Adjust the volume**: Press the Up navigation key to increase the volume; press the Down navigation key to decrease the volume.
 - **Change channels**: Press the Left navigation key or the Right navigation key.
 - **Pause the radio**: Press the OK Key. Then you can press the OK key again to restart listening to radio.
 4. Select **Exit** to exit FM radio.
- Note:**
1. To prevent possible hearing damage, do not listen at high volume levels for long periods.
 2. When listening to radio, select **Options > Open speaker** to listen to radio through the speaker.

5.2 Save radio stations

On the Home screen, select **Menu > FM radio > Options**, and you have two ways to save radio stations:

- Select **Auto search and save**, and these stations are saved in **Options > Channel list** automatically.
- Select **Manual search**. For the station you manually searched, you can select **Options > Save** to save it to channel list.

5.3 Manage channel list

1. On the Home screen, select **Menu > FM radio > Options > Channel list**.
2. Select the channel you want to manage. Then select **Options** and you can play, edit, or delete it.

6 Alarm

Set an alarm to wake you up or remind you about important events.

- [Edit an alarm](#)
- [Enable or disable an alarm](#)

6.1 Edit an alarm

1. On the Home screen, select **Menu** > **Alarm** and there are 5 alarms set to be off by default. Select one alarm and press the OK key to view and edit the detailed information, the name, time, ringtone and repeat mode.
2. After setting, select **OK** to save the alarm.

6.2 Enable or disable an alarm

1. On the Home screen, select **Menu** > **Alarm**, select the alarm you want to enable or disable.
2. Select **On** to enable the alarm; select **Off** to disable the alarm.

7 Calendar

Use Calendar to organize your time.

- [View the calendar](#)
- [Add new schedules](#)
- [Edit schedules](#)
- [Delete schedules](#)

7.1 View the calendar

1. On the Home screen, select **Menu** > **Extras** > **Calendar**.
2. Select **Options** > **Weekly/Daily** to view your calendar by weeks or days. You can also select **Options** > **Go to date** and enter the date you want to search.

7.2 Add new schedules

Add events and set reminders to help you plan ahead.

1. On the Home screen, select **Menu** > **Extras** > **Calendar** > **Options** > **Add new schedule**.
2. Set the detailed information for the schedule, like subject, date, time, ringtone and type.
3. Select **Save** to save the schedule.

7.3 Edit schedules

1. On the Home screen, select **Menu** > **Extras** > **Calendar** > **Options** > **All schedules** and select the schedule you want to edit.
2. Select **Options** > **Edit** to edit the schedule.
3. Select **Save** to save the schedule.

7.4 Delete schedules

1. On the Home screen, select **Menu** > **Extras** > **Calendar** > **Options** > **All schedules**.
2. Select the schedule you want to delete. Select **Options** > **Delete** to delete the schedule.

8 Calculator

Use Calculator for quick calculations.

- [Use the calculator](#)
- [Repeat an operation](#)

8.1 Use the calculator

1. On the Home screen, select **Menu > Extras > Calculator**.
2. Enter the numbers. You can always press the Right key to delete the numbers you enter. Press the Up/Down/Left/Right navigation key to select the operation mode.
3. Press the OK key to get the result.

8.2 Repeat an operation

When you have done an calculation and want to repeat the last calculation, press the OK key. The times you press the OK key means the times you repeat the calculation.

9 Camera

Take photos or record videos easily with your phone camera.

- [Take photos](#)
- [View and delete captured photos](#)
- [Record videos](#)
- [View and delete recorded videos](#)

9.1 Take photos

To take more photos, it's better to insert a memory card to your phone.

1. On the Home screen, select **Menu** > **Camera** to switch the camera on.
2. Press the Up navigation key to zoom in, or press the Down navigation key to zoom out. Then press the OK key to take a photo.
3. Select **Save** to save the photo.

9.2 View and delete captured photos

View captured photos

On the Home screen, select **Menu** > **Camera** > **Options** > **Picture** to view all your captured photos.

Delete captured photos

1. On the Home screen, select **Menu** > **Camera** > **Options** > **Picture** to view all your captured photos.
2. Select the photo you want to delete and then select **Options** > **Delete**.

9.3 Record videos

1. Insert a memory card into your phone.
2. On the Home screen, select **Menu** > **Camera** > **Options** > **DV mode** to switch the video camera on.
3. Press the OK key to start recording.
4. Select **Stop** to stop and save the recording.

9.4 View and delete recorded videos

View recorded videos

1. On the Home screen, select **Menu** > **Camera** > **Options** > **DV mode** > **Options** > **View video directory**.
2. Choose one recorded video and press the OK key to view.

Delete recorded videos

1. On the Home screen, select **Menu > Camera > Options > DV mode > Options > View video directory**.
2. Choose one recorded video and select **Options > Delete**.

10 Media and Games

Go to Media to view your captured photos and videos, play music and manage your files. Go to Games to have fun.

- [View and delete photos](#)
- [Record videos](#)
- [Play music](#)
- [Play videos](#)
- [Manage files](#)
- [Play games](#)

10.1 View and delete photos

View photos

On the Home screen, select **Menu > Media > Image viewer** to view all your photos.

Delete photos

1. On the Home screen, select **Menu > Media > Image viewer**.
2. Select the photo you want to remove and select **Options > Delete**.

10.2 Record videos

Follow the steps below to record videos in **Media**. You can also record videos in **Camera**. For more information about using **Camera**, see [Camera](#).

1. Insert a memory card to your phone.
2. On the Home screen, select **Menu > Media > DV** to switch the video camera on.
3. Press the **OK key** to start recording.
4. Select **Stop** to stop and save the recording. Then you can find your recorded videos in **Options > View video directory**.

10.3 Play music

1. Insert a memory card to your phone.
2. Follow the instructions in [Copy content between your phone and computer](#) to add some music to your phone.
3. On the Home screen, select **Menu > Media > Music player > Options > Music list**.
4. Select a music list and then select a music to play.

10.4 Play videos

1. Insert a memory card to your phone.
2. On the Home screen, select **Menu > Media > Video player**.
3. Press the **OK key** to start playing the video. During playing, you can do the following options:

- Press the Up navigation key to increase the volume.
- Press the Down navigation key to decrease the volume.
- Press the Left or Right navigation key to change the videos.
- Press the Left key to select more choices.

10.5 Manage files

On the Home screen, select **Menu > Media > File manager** to manage the files in your phone or in your memory card. For example, you can create a new file or delete the unwanted files; you can copy the file or rename the file.

10.6 Play games

Your phone comes with a number of pre-loaded games, and the types and number of games vary according to the software version.

On the Home screen, select **Menu > Extras > Games**, select one game and start enjoying the game.

11 Settings

Go to Settings to customize ringtones, configure call settings, phone settings, display settings, and connection.

- [Configure dual-SIM settings](#)
- [Set time and date](#)
- [Set system languages](#)
- [Set shortcut keys](#)
- [Restore factory settings](#)
- [Adjust brightness](#)
- [Set display backlight duration](#)
- [Set auto keypad lock](#)
- [Improve security](#)
- [About phone](#)

11.1 Configure dual-SIM settings

1. On the Home screen, select **Menu > Settings > Call settings > Dual-SIM**.
2. Set the standby mode, rename SIM card, set dual SIM call divert, or choose which SIM card to reply call and messages.

11.2 Set time and date

1. On the Home screen, select **Menu > Settings > Phone settings > Time & date**.
2. Set the time, date, time format, date display type and update time settings for your phone.
3. Select **Done** to save the settings.

11.3 Set system languages

On the Home screen, select **Menu > Settings > Phone settings > Language settings** to select the displayed system language and the input language.

11.4 Set shortcut keys

1. On the Home screen, select **Menu > Settings > Phone settings > Shortcut settings**.
2. Select a key and then select a feature or an app.
3. Select **Done** to save the settings.

11.5 Restore factory settings

1. On the Home screen, select **Menu > Settings > Phone settings > Restore factory settings**.
2. Enter your phone password and select **OK**.
 - ❗ Note: The original password is **1234**. If you have changed the password, enter the new password.

11.6 Adjust brightness

1. On the Home screen, select **Menu > Settings > Display > Brightness**.
2. Press the Left navigation key to increase the brightness and the Right navigation key to decrease the brightness.

11.7 Set display backlight duration

To help you use your phone smoothly, you can extend the display backlight duration.

1. On the Home screen, select **Menu > Settings > Display > Display backlight** and select the desired display backlight time.
2. Select **Done** to save the settings.

11.8 Set auto keypad lock

Your phone will automatically lock when idle for some time. Then you will need to press the Left key and then press the * key to unlock the keypad.

1. On the Home screen, select **Menu > Settings > Display > Auto keypad lock** and select the time for auto keypad lock.
2. Select **Done** to save the settings.

11.9 Improve security

Enable phone lock

Phone lock enhances the security of your phone information. After enabling phone lock, you will be asked to enter the correct phone password to use your phone everytime you restart your phone.

1. On the Home screen, select **Menu > Settings > Security > Phone lock**.
2. Enter the phone password and select **OK** to enable phone lock.

Change your phone password

Your phone password can be used to unlock your phone screen when you restart your phone, restore your phone to factory settings, and to unlock your encrypted apps.

1. On the Home screen, select **Menu > Settings > Security > Modify the cellphone password**.
2. Enter your phone's password, and select **OK**.
3. Enter a new phone password twice, and select **OK**.

PIN code and PUK code

- **PIN Code:** PIN code could prevent your SIM card from illegal use. When PIN lock is on, you should enter the PIN code when opening your phone again.
- **PUK Code:** Consecutive inputting wrong PIN code for three times can cause locking of SIM card. To unlock the card, you need PUK code.
 - ❗ **Note:** PIN code and PUK code may be offered together with the SIM card. If not, please contact with network operator. The limitation times for consecutive wrong code may vary with different SIM cards. Please change default PIN code to your own as soon as possible.

Set up SIM card lock

Enable SIM card lock to prevent others from using your SIM card. You will need to enter your SIM

card PIN each time when you turn on your phone or insert your SIM card into another phone.

1. Contact your local carrier to get the default SIM card PIN for your SIM card.
2. On the Home screen, select **Menu > Settings > Security > PIN**. If asked, select a SIM card.
3. Select **PIN**, enter the SIM card PIN and select **OK**.

Remove SIM card lock

After setting up SIM card lock, you can remove it anytime if you do not need it.

1. On the Home screen, select **Menu > Settings > Security > PIN**. If asked, select a SIM card.
2. Select **PIN**, enter the SIM card PIN and select **OK**.

Enable app lock

App lock enhances the protection of your private information and prevents unauthorized access to important apps on your device. Once you open locked apps, you will be asked to enter your app lock password.

1. On the Home screen, select **Menu > Settings > Security > Privacy**.
2. Enter your phone's password, and select **OK**.
3. Select the apps that you want to encrypt, and then select **Back** to verify the settings.

Lock screen by End call key

1. On the Home screen, select **Menu > Settings > Security**.
2. Select **Lock screen by end-key**. Then you can press the End call key to lock your phone screen.

11. 10About phone

View software version

On the Home screen, enter ***#8375#** to view the software version of your phone.

View SN code

On the Home screen, enter **#####2222#** to view the SN code of your phone.

View IMEI code

On the Home screen, enter ***#06#** to view the IMEI code of your phone.

Appendix A: Specifications

Specifications	
Size and Weight	Height: 110 mm Width: 46.8 mm Depth: 14.5 mm Weight: 68 g
Color	Black
Display	1.77 inches, QQVGA (128 × 160) 116 PPI
CPU	SC6531E
Memory	4 MB + 4 MB
External Memory	Support 8 GB
Camera	0.08 MP
Network	Dual Normal SIM (Dual SIM Dual Standby) TP101A: 2G GSM: Band 3/8 TP101C: 2G GSM: Band 2/5
FM	Yes
Connectivity	Micro USB
Bluetooth	TP101A: NO TP101C: YES
Audio	Audio formats: AMR, MIDI, MP3, WAV
Video	Video formats: 3GP, AVI, MP4
Battery	830 mAh (typical)
In the box	Neffos N105 Charger Quick Start Guide Warranty Card Safety Notice

Appendix B: Technical Support

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

Countries/Regions		Support	
Global		Website	www.neffos.com
		Tel	+86 755 26504400
		E-mail	info@neffos.com support@neffos.com
		Address	South Building, No.5 Keyuan Road, Central Zone, Science & Technology Park, Nanshan, Shenzhen, P. R. China Postcode: 518057
Americas	Brazil	Website	www.neffos.com.br
		Tel	4007-2172 (Capitais e Regiões metropolitanas) 0800-608-9799 (Demais localidades) 11 2222-1245 (SP) 21 3180-0092 (RJ)
		E-mail	suporte.br@neffos.com
		Service Time	segunda a sexta-feira das 09:00 as 18:00 Sábado das 09:00 as 15:00
	Mexico	Website	www.neffos.com.mx
		Tel	+52 55 91388104
		E-mail	sales.mx@tp-link.com support.mx@tp-link.com
		Address	Goldsmith 53, Piso 1, Col. Polanco Chapultepec Del. Miguel Hidalgo, México , Distrito Federal C.P. 11560.
	Columbia	Website	www.neffos.com/co
		Tel	+57 (1)8773545
		E-mail	support.co@tp-link.com
		Address	Autop. Medellín Km 1.5 Vía Parque la Florida, Bod. 45 Parque Ind. Terrapuerto, Cota, Cund.
	Peru	Website	www.neffos.com.pe
		Tel	+51 1 2402960 Anexo 2967
		E-mail	Alejandro.torres@tp-link.com
		Address	Avenida Republica de Panamá 3545 Oficina 802. San Isidro. Lima Perú

Americas	Venezuela	Website	www.neffos.com.ve
		Tel	+86 755 26504400
		E-mail	info@neffos.com support@neffos.com
		Address	South Building, No.5 Keyuan Road, Central Zone, Science & Technology Park, Nanshan, Shenzhen, P. R. China Postcode: 518057
Middle East & Africa	U n i t e d A r a b Emirates	Website	www.neffos.ae
		Tel	+971-4-396-6356 (UAE) +966-9200-07658 (Saudi)
		E-mail	support.mea@neffos.com
		Address	Office 501, The Business Center, Khalid Bin Al Waleed Road, P.O. Box 125857, Dubai, U.A.E
Europe	Germany	Website	www.neffos.de
		Tel	+49 1806-633367 (Mon-Fr 8: 00-17: 00; 20ct/Anruf aus dem dt. Festnetz)
		E-mail	support.de@neffos.com sales.de@neffos.com
		Address	TP-LINK Deutschland GmbH, Robert-Bosch- Straße 9, 65719 Hofheim am Taunus
	France	Website	www.neffos.fr
		Tel	+33 (0)5 63 21 27 41
		E-mail	support.fr@neffos.com (Support technique) info.fr@neffos.com (Questions d'ordres générales) sales.fr@neffos.com (Commercial) rma.fr@neffos.com (Service après-vente)
		Address	16-18 avenue Morane Saulnier, 78140 Vélizy- Villacoublay, France.
	Greece	Website	www.neffos.gr
		Tel	210-5197500
		E-mail	support.gr@neffos.com
		Service time	09.00 - 17.00
		Address	Λ. Κηφισού 38 – 38Α, 104-42
	Portugal	Website	www.neffos.com.pt

Europe	Portugal	Tel	+351 707 101 414
		E-mail	suporte.pt@neffos.com
		Service time	De Segunda a Sexta (excepto feriados), das 09h00 às 13h00 e das 14h00 às 18h00.
		Address	Rua Gonçalo Sampaio, N°271, 1º 4150-367 Porto
	Italy	Website	www.neffos.it
		Tel	+39 0221116579 (Supporto tecnico post vendita) +39 02 92392211 (Informazioni per il tuo business)
		E-mail	support.it@neffos.com (Supporto tecnico post vendita) sales.it@neffos.com (Informazioni per il tuo business)
		Address	Via Gobetti 2/A, 20063 Cernusco sul Naviglio (MI)
	Russia	Website	www.neffos.ru
		Tel	8 (495) 228 55 66 8 (495) 228-55-60 (для Москвы и Московской области) 8 (800) 250-55-60 (бесплатно из любого региона РФ)
		E-mail	Info.ru@neffos.com support.ru@neffos.com service.ru@neffos.com
		Address	г. Москва, ул. Электrozаводская, 27 стр. 7 офис 501
	Spain	Website	www.neffos.es
		Tel	902 060 365
		E-mail	info.es@neffos.com soporte.es@neffos.com
		Address	Calle Quintanavides 17, 3ª planta Puerta E, 28050 Madrid
	Bulgaria	Website	www.neffos.bg
		Tel	+40 311 070 963 +40 311 011 290
		E-mail	support.ro@neffos.com info.ro@neffos.com service.ro@neffos.com sales.ro@neffos.com

Europe	Czech	Website	cz.neffos.com
		Tel	CZ +420 212 812 625 SK +421 233 056 981
		E-mail	sales.cz@neffos.com
		Address	Kutvirtova 339/5, Praha 5, 150 00
	Romania	Website	www.neffos.ro
		Tel	+40 311 070 963 +40 311 011 290
		E-mail	support.ro@neffos.com info.ro@neffos.com service.ro@neffos.com sales.ro@neffos.com
	Poland	Website	www.neffos.pl
		Tel	+48 (0) 801 002 228 +48 22 360 63 90 (dla połączeń z telefonów komórkowych) Opłata: Zgodnie z taryfą operatora
		Service time	Od poniedziałku do piątku w godzinach 9:00-17:00
		E-mail	neffos.pl@tp-link.com support.pl@neffos.com (Wsparcie techniczne)
		Address	ul. Ożarowska 40/42, Duchnice 05-850, Poland
	Turkey	Website	www.neffos.com/tr
		Tel	0212 359 0 359 / 0212 287 27 27
		E-mail	support.tr@neffos.com sales.tr@neffos.com
		Address	Genpa Telekomünikasyon ve İletişim Hizmetleri San. Tic. A.Ş. Etiler Mah. Nispetiye Cad. No:101 34337 Etiler Beşiktaş / İstanbul
Europe	Ukraine	Website	www.neffos.com/ru-ua
		Tel	0 (800) 505-508 3 вонки бесплатные (стоимость звонков на горячую линию согласно тарифам вашего оператора) и (044) 590-51-14 (звонки платные), ПН-ЧТ, с 10:00 до 22:00, ПТ с 10:00 до 21 : 00, СБ, ВС - нерабочие дни. +38 (044) 590-51-77(Сервисный центр)
		E-mail	service.ua@tp-link.com sales.ua@tp-link.com
		Address	Украина, 04053, Киев, ул. Металлистов, 20, Офисний центр VEDA, 2-й этаж

Asia-pacific	India	Website	www.neffos.in
		E-mail	marketing.in@neffos.com
		Address	401, peninsula heights, C.D. Barfiwala Road, Juhu lane. Andheri (west) Mumbai 400058 - India.
	Indonesia	Website	www.neffos.co.id
		Tel	+86 755 26504400
		E-mail	info@neffos.com support@neffos.com
		Address	South Building, No.5 Keyuan Road, Central Zone, Science & Technology Park, Nanshan, Shenzhen, P. R. China Postcode: 518057
	Malaysia	Website	www.neffos.my
		Tel	1800 22 8887
		E-mail	support.my@neffos.com
		Address	Lot 3.01 - Lot 3.02, 3rd Floor, Podium Block, Plaza Berjaya, 12, Jalan Imbi 55100 Kuala Lumpur
	Thailand	Website	www.neffos.com/th
		Tel	02-4400029 (ค่าบริการขึ้นอยู่กับเครือข่ายที่ใช้งาน)
		Service time	08:30 - 17:30 วันจันทร์-เสาร์
		E-mail	support.th@neffos.com
		Address	บริษัท ทีพี-ลิงค์ เอ็นเตอร์ไพรส์ (ประเทศไทย) จำกัด (สำนักงานใหญ่) 77/159 อาคารสินสาธิตสวเวอร์ ชั้น 36 ถนนกรุงธนบุรี แขวงคลองตันใต้ เขตคลองสาน กรุงเทพฯ 10600

Asia-pacific	Vietnam	Website	www.neffos.vn
		Tel	+84 8 66894777 (Giờ hành chính)
		E-mail	press.vn@neffos.com support.vn@neffos.com sales.vn@neffos.com/ sales.vn@tp-link.com
		Address	12A-15 Tòa nhà Vincom, 45A Lý Thường Kiệt, Quận 1, TP. Hồ Chí Minh, Việt Nam
	Bangladesh	Website	www.neffos.com/bd
		Tel	+86 755 26504400
		E-mail	info@neffos.com support@neffos.com
		Address	South Building, No.5 Keyuan Road, Central Zone, Science & Technology Park, Nanshan, Shenzhen, P. R. China Postcode: 518057
	Singapore	Website	www.neffos.sg
		Tel	+65 6727 4987 (Service Centre, 9:00 am – 7:30 pm Mon-Fri) +65 6727 4973 (Service Centre, 9:00 am – 5:30 pm Mon-Fri) +65 6727 4980 (24/7 Global Support Hotline)
		E-mail	sales.sg@tp-link.com
		Address	12 Kallang Avenue #03-30 Aperia Singapore 339511, 9:00 am to 7:30 pm (Mon - Fri)

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.

Appendix D: Authentication

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 © 2019 TP-Link Technologies Co., Ltd. All rights reserved.

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>

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

The exposure recommendations for mobile phones use a measurement unit known as the Specific Absorption Rate (SAR). The SAR limit recommended by the ICNIRP for the mobile phones used by the general public is 1.6 W/kg averaged over one gram of tissue by IEEE Std 1528 for the head. The highest SAR value for this model phone when tested was 0.503 W/kg for head, 0.635 W/kg for Body-worn.

For limiting the radio waves exposure, it is recommended to reduce the mobile phone call duration or to use a headset. The purpose of those precautions is to take the mobile phone away from the head and the body. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 10mm from the body. For hotspot operation, the distance is 10mm. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.



Продукт сертифіковано згідно з 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 © 2019 TP-Link Technologies Co., Ltd. All rights reserved.

Trademarks and permissions

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

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 5mm 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 0.305 W/kg, and when properly worn on the body is 1.598 W/kg.

Operating Frequency(transmit power):

Operating Frequency:

GSM900: Tx 880~915, Rx 925~960, 33 dBm.

GSM1800: Tx 1710~1785, Rx 1805~1880, 31 dBm.

Declaration of conformity:

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU and 2011/65/EU.

The original EU declaration of conformity may be found at <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.