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Safety

Never attempt to disassemble your phone. You alone are responsible for how you use your phone and any consequences of its use.

As a general rule, always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

Do not use your phone in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.

Do not expose your phone to extreme temperatures lower than - 10°C and higher than + 55°C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.

Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

Electrical safety: Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

Aircraft safety: When traveling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs.

Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.

Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

Explosive materials: Please comply with warning signs at petrol station asking you to switch your phone off. You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

Electronic equipment: To avoid the risk of demagnetization, do not let electronic devices close to your phone for a long time.

Electronic medical equipment: Your phone is a radio transmitter which may interfere with electronic medical equipment or implants, such as hearing aids, pacemakers, insulin pumps, etc. It is recommended that a minimum separation of 15 cm be maintained between the phone and an implant. Your doctor or the

manufacturers of such equipment will be able to give you any advice you may need in this area.

Hospitals: Always make sure that your phone is switched off in hospitals when so instructed by warning signs or by medical staff.

Road safety: Do not use your phone when driving. In order to give your full attention to driving, stop and park safely before making a call. You must comply with any current legislation.

Distance of operation: This phone model has been tested and meets radiofrequency exposure guidelines when used as follows:

- Against the ear: Place or receive a phone call and hold the phone as you would a wire line telephone.
- Body worn: When transmitting, place the phone in a carry accessory that contains no metal and positions the phone a minimum of 2.5 cm from your body. Use of other accessories may not ensure compliance with radiofrequency exposure guidelines. If you do not use a body worn accessory and are not holding the phone at the ear, position the phone a minimum of 2.5 cm from your body,
- Data operation: When using a data feature, position the phone a minimum of 2.5 cm from your body for the whole duration of the data transmission.

Environment

Packaging: To facilitate the recycling of packaging materials, please obey the sorting rules instituted locally for this type of waste.

Batteries: Spent batteries must be deposited at the designated collection points.

The product: The crossed-out waste bin mark affixed to the product means that it belongs to the family of electrical and electronic equipment.

To promote the recycling and recovery of waste electrical and electronic equipment (WEEE) and at the same time safeguard the environment, European regulations require you to obey the sorting rules instituted locally for this type of waste.

1 Getting Started

1.1 Getting to know your phone

1.2 Installing the SIM card and storage card

To install the SIM card

Turn off the phone. Insert the SIM card according to instruction on the card slot.

When you need to remove the SIM card, please shut down.

* **Note:** • **The phone can be supported the single SIM card.** Your phone is supported 4G SIM card.

• **Some legacy SIM cards may not function with your device. You should consult with your service provider for a replacement SIM card. There may be fees for this service.**

To install a memory card

Turn off the phone. Add the memory card according to instruction on the card slot.

1.3 Charging the Battery

New batteries are shipped partially charged. Before you start using your device, it is recommended that you charge the battery. Some batteries perform best after several full charge/discharge cycles.

Note: Only the AC adapter and USB sync cable provided with your device must be used to charge the device.

Connect the USB connector of the AC adapter to the sync connector on your device, and then plug in the AC adapter to an electrical outlet to start charging the battery.

As the battery is being charged while the device is on, a charging icon appears in the title bar of the Home screen. After the battery has been fully charged, a full battery icon appears in the title bar of the Home screen.

Warning: • As a safety precaution, the battery stops charging before it overheats.

1.4 Starting up the device

Power on/off

To power off your phone, press & hold POWER. On release, the Phone options menu opens. Select 'Power off' and confirm.

To power on again, press & hold POWER.

Screen sleep

After a period of inactivity, your screen will go to sleep (display will turn black). In sleep, your phone uses less battery power. You can control this behavior:

Set screen timeout period

1. Select Settings > Display.
2. Select Screen timeout. Select a time from the menu.

You can increase the security of your phone by setting a screen unlock pattern. Once set, in order to unlock your screen, you'll have to draw the correct unlock pattern. You can set your screen unlock pattern as follows:

1. Select Settings.
2. Select Security and then Choose screen lock.
3. Set or change your unlock pattern by selecting either Set unlock pattern or Change unlock pattern, as applicable.
4. Follow the prompts to define your pattern. Note: You must slide your finger along the screen to create the pattern, not select individual dots. Connect at least four dots.

Home screen

1. Create Home screen shortcuts and widgets:

Select the widget you want to display on home screen, then touch & hold an application icon. It can be added to the Home screen.

2. To remove a shortcut or widget from your Home screen, touch & hold the item to enter "remove". A shortcut or widget will disappear.

3. Move objects on the Home screen

- To move an icon or other item on the Home screen, you must first touch & hold it to enter move mode. The object will magnify when it's ready to be moved.

- Without lifting your finger (or you'll drop out of move mode), drag the object to the new position. To move an item to a section of the Home screen not in view, move it to the edge of the screen and hold it there for a moment. The screen view will shift; position the object and release.

1.5 Status Icons

Connection status icons

Along the top of your phone screen is the status bar. Icons will appear, notifying you of a new message, Missing call, or something else you should notice.

	4G service connected, data flowing		Connected the earphone
	SMS/MMS		WLAN service connected
	Call in progress		Wireless services are off (Airplane mode)
	Missed call		Battery is charging
	Alarm is set		Phone on mute

Read your notifications

When you see a notification in the status bar, touch the bar and slide your finger down the screen to open the list of notifications displayed in the sliding window. Ongoing notifications report activities such as call forwarding ON, current call status, song playing.

Notifications report the arrival of new messages, calendar events, and alarms. You can clear notifications list by selecting 'Clear all' notifications at the bottom of the notifications window.

2 Using phone features

2.1 Turning the phone function on and off

To enable or disable Airplane Mode

In many countries, you are required by law to turn off the phone while on board an aircraft. Another way to turn off the phone function is to switch your device to Airplane Mode.

When you enable Airplane Mode, all wireless radios on your device are turned off, including the phone function, Bluetooth, and WLAN.

1. Touch Settings > Network & Internet > Airplane mode.
2. Touch 'Airplane mode' to enable or disable.

When you disable Airplane mode, the phone function is turned back on and the previous state of Bluetooth and WLAN are restored.

Adjusting the volume

Press Volume button on the side of the phone to show the volume screen.

If the phone is in vibrating mode, the voice will be muted automatically and the device will vibrate when there is an incoming call.

2.2 Making a call

On Home screen, touch Phone to enter the dial screen.

Touch the on-screen dial pad to enter a number, or click on the number on the keyboard to enter, touch 'Delete' button to delete numbers you've entered. Touch & hold to delete all the numbers in the field.

To dial a number, touch 'Voice Call' button to make a call. To end a call, touch 'END' button (Red icon).

1. Call log tab: Select an entry listed in the log to call the number.
2. Contacts tab: Contacts with phone numbers are listed. Select a contact, and then select the phone number to dial the call.

2.3 Answering a call

When you receive a phone call, the incoming voice call screen will appear, allowing you to either answer or ignore the call.

1. To answer an incoming call, you can tap answer on the screen, or pick up the handset .
2. To reject a call, you can tap decline on the screen
3. To end the call, you can tap hang up on the screen, or put down the handset.

3 Setting on your device

Control phone-wide settings from Settings.

3.1 Network & Internet

Wi -Fi

Wi-Fi on/off: Select this check box if you prefer to use Wi-Fi for your data connection.

Wi-Fi settings: Open the Wi-Fi settings screen; select it from the network list. Provide your username or password if required.

Mobile network

Select data roaming capability.

Select a wireless operator network - Scan for all available networks, or select a network automatically.

Add or edit network Access Point Names (APNs) - Do not change this setting unless advised to do so by your wireless operator!

Airplane mode

Airplane mode on/off: When airplane mode is selected, all wireless connectivity is off. This icon  will display in the status bar when airplane mode is selected.

3.2 Connected devices

Bluetooth

Bluetooth on/off: Use this check box to turn Bluetooth services on or off.

Bluetooth settings: With Bluetooth services on, you can open the Bluetooth settings screen to:

- Rename your device.
- Pair with one of the Bluetooth devices in range.

3.3 Call Settings

You can make the operation of calling accounts, fixed dialing numbers, turn on video calling, call forwarding and the other settings.

3.4 Display

Brightness level

Select to open the brightness control, and then slide your finger along the brightness bar to set the level. In sunlight, increase the level.

Wallpaper

Set wallpaper as lock screen and home screen from gallery or wallpapers.

Screen timeout

Select to decide how long your phone must be inactive before the screen turns off.

3.5 Sound

Volume: Slide your finger along the volume bar to set an incoming call ring volume or alarm, playing music, videos.

Phone ringtone: Select system ringtones or multimedia ringtones for incoming call ringtones.

3.6 Storage

View and manage the data storage on your phone.

Memory card: Monitor and manage the use of your Memory card from this screen: 1. View how much space you are using on your memory card. 2. Select to use your memory card as USB mass storage when your phone is connected to your computer 3. Eject your memory card from your phone.

Internal phone storage: Reports how much internal storage is free.

3.7 Security

Device security

Screen unlock pattern: Create a pattern you will be asked to draw before your screen will unlock. You can select to make the pattern visible or invisible as you draw it.

SIM card lock settings: Lock your SIM card for extra security. You can also change your SIM card PIN from this screen. If you don't know your SIM PIN, you can obtain it from your wireless operator.

3.8 Accounts

Add account

You can add account to synchronize your contacts or photos.

3.9 System

Date & time

Set time, time zone, and date: Use Automatic unless you need to override the network values.

Time format: Select from 12 or 24 hour formats.

Reset options

You can select to reset your phone to factory settings. This will erase all your data from the phone and require you to sign in and go through the setup screens to use any of the applications.

4.0 About phone

View your phone Status: This screen lists a variety of information, including your phone number, the network you are currently using, the type of network, signal strength, whether you are roaming or not, any WLAN addresses you're connected to, and more.

View the model number and version information for your phone.

4 ActiveSync

4.1 Sync by application

To control synchronization Contacts, you can do the following:

1. Select Settings > Accounts
2. First you choose add account, then add account you have. When any of the applications are synchronizing, you will see the "sync" icon . You will also see the last time your data was synchronized.
3. By default, the personal information in Contacts will sync whenever you make a change or receive a new message. You can change this behavior:
Auto-sync: When selected, Auto-sync will sync Contacts automatically, as you make changes or receive new messages. When OFF, information will not be synced automatically, although you can force sync by using the individual application check boxes described below.

4. Sync problems:

If you see this icon  to the left of the sync check box, then there was a temporary problem with the data synchronization. Check your data connection and try again later.

4.2 Bluetooth

You can use Bluetooth to send and receive calls using a headset or hands-free car kit.

Turn on Bluetooth services

1. Select Settings > Connected devices
2. Select 'Bluetooth' check box to turn on Bluetooth services.
3. When on, the Bluetooth icon appears in the status bar.

Discoverability

By default, your phone is not "discoverable". This means other Bluetooth devices will not see your phone in their scans for Bluetooth devices. If you make your phone discoverable, it will be visible to other Bluetooth devices for up to 120 seconds.

To make your phone discoverable:

1. Make sure you have turned Bluetooth on.
2. Touch 'Pair new device' to make your phone visible to other Bluetooth devices for 120 seconds. You must stay on the Bluetooth settings screen to remain discoverable.

Name your Bluetooth device

1. Make sure you have turned Bluetooth on.
2. Type the name for your device in the dialog box, and then select 'Rename'.
3. Your new device name appears on the Bluetooth settings screen.

Pair & connect with Bluetooth devices

Before your phone can communicate with a Bluetooth headset or hands-free car kit, the devices must "pair", then "connect":

1. Make sure you have turned Bluetooth on.
2. Your phone starts scanning for Bluetooth devices within range. As they are found, the devices appear in the list of Bluetooth devices.
3. To pair with a device in the list, select it.
4. Type the device's PIN and then select 'OK'.
5. Once paired, select the device name to connect. You can also touch & hold the name to open the context menu, and then select Connect.
6. Pairing and connection status appear under the device name.
7. Once the other Bluetooth device shows "connected" status, you can start using it to make and receive phone calls.
8. To disconnect or unpair with a device, touch & hold the device to open the context menu. Select Disconnect or Unpair, as appropriate. If you select 'Unpair' when connected, you will be disconnected as well.

If you pair with a second headset while connected to the first, the first headset will remain connected. To switch connection to the second headset you must manually select that headset again after pairing.

5 Contacts

The contacts on your phone are synced with your account contacts stored on the

Web.

To view the contacts on your phone, select Contacts.

Browse through your contacts by sliding your fingertip up and down on the screen. Another way to find a contact quickly is to use "SEARCH" button, input the first letter of the name you're looking for and touch search icon, the matching contacts are appeared on the screen.

From the Contacts tab, you can:

1. Take action on a contact: Touch the contact's name to open the context menu. From the menu you can select to view the Contact details screen, call the contact's number, send a text message, add or remove a star, edit the contact details, or delete the contact.

2. Go to Contact details: Select the contact's name to open the Contact details screen, where all screen the information you've saved for this contact is displayed.

Add a contact

1. Select contacts. Your contact list appears.

2. Touch the + icon on the bottom of the screen to add new contact.

3. Add all the information you want to store for this contact in the appropriate fields. You must add some information to save a contact. To change a default label, select the label name to open the label menu. Select a different label or create a custom label. To add more fields, select 'Add another field'.

4. To save your contact, Please touch 'SAVE'.

Edit contact details

You can always make changes to the information you've stored for a contact:

1. From Contacts, touch & hold the contact whose information you want to edit. The context menu opens.

2. Select 'Edit '. The Edit contact screen appears.

3. Make your edits, then press 'SAVE'.

SIM contacts importer

If you have stored names and phone numbers on your SIM card, you can add these to the Contacts stored on your phone by selecting this settings option. You can select 'Import/export' to import from SIM card or memory card, once the

list of names and numbers appears you can:

Import only certain names/numbers in the list - Select the name/number you want to import, then repeat for others as you wish. (As soon as you select the name/number, it is imported)

6 Exchanging Messages

6.1 SMS and MMS messaging

To open the SMS & MMS Messaging application, select the Messaging icon.

About text and multimedia messages

SMS messages are also known as “text” messages and can each be around 160 characters. If you continue to type after the limit is reached, your message will be delivered as one, but count as more than one message. These are called “concatenated” messages.

MMS messages are also known as “multimedia” or “picture” messages and can contain text, picture, audio, and video files.

When you compose a message, the phone will automatically convert a text message into a multimedia message as soon as you add a subject or an attachment, or if you address the message using an email address rather than a phone number.

View the message from the message list

Select a message thread in the list to open it for reading. When open, the individual messages appear stacked on the screen, much like with instant messaging conversations (or chats).

Note that messages you send are also listed in the Read view.

1. Reading multimedia messages

If you have selected to auto-retrieve your multimedia messages, then both the message header and body will download.

If you are downloading only the headers, then you must first select the Download button to retrieve the message body. If you are concerned about the size of your data downloads, you can check the message size before you download.

Once the message has downloaded, select “Play” button to view the message.

From a message read view, you can do the following:

1. To view details about a particular message, in the Read view, touch & hold the message to open the context menu. Select View details.
2. Reply to a message: Simply start typing your message in the text box at the bottom of the screen to reply to a message. You can always add a subject or an attachment to convert it to a multimedia message. Select ‘Send’ when ready.
3. Links in messages: If a message contains a link to a Web page, it will be selectable. To view the Web page in the Browser, simply select it.
4. Delete messages: Your messages will be saved until you explicitly delete them.

Delete one message in a thread - With the message thread open in Read view, touch & hold the individual message you want to delete to open the context menu.

Compose text and multimedia messages

1. Press ‘Start chat’ icon to make ‘New message’. The Compose screen opens.
2. Add recipients by typing a name, phone number, or email address in the ‘To’ field. Matching contacts will appear. Select the recipient or continue typing. Add as many recipients as you wish. If you send the message to an email address, the message will automatically convert from a text to a multimedia message.
3. To add an attachment, press ‘+’. Adding an attachment will always convert the message to a multimedia message. Select from audio or picture files. You can select to take a new picture if you want. To remove an attachment, select the attachment’s ‘Remove’ button.
4. Type your message. As you type, you’ll be able to track how many characters/messages you’re creating. Remember that text messages have a limit around 160 characters. Once you go over that limit, a new message is actually created but automatically joined into one when received.
5. Select ‘Send’ when ready. You can also save a draft.
6. As your message sends, progress displays in the title bar. If you see this icon to the right of the message, it means your message is still being delivered.

7 Internet

7.1 Ways of Connecting to the Internet

Your device's networking capabilities allow you to access the Internet or your corporate network through WLAN, 4G (if SIM card supported).

You can also add and set up a VPN or proxy connection.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 100 meters (300 feet). To use Wi-Fi on your device, you need access to a wireless access point or "hotspot".

Note: The availability and range of your device's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

7.2 Browser

You can input the web address to enter the web page you want to see.

8 Experiencing Multimedia

8.1 Camera & Picture

All the pictures you can capture or view on your phone are stored on memory card, which must be installed in your phone. Before you can use the Camera or view pictures in Pictures, make sure you have a card installed.

Take a picture

Captured pictures are saved to the "DCIM" folder on your memory card or the phone.

1. To open the Camera, on the Home screen, select Camera icon.
2. The Camera opens in capture mode. Frame your picture within the screen and hold the phone steady. Touch Camera button to capture. Continue to hold the camera steady for a second after you hear the shutter sound.

View your pictures

To view the pictures you've captured, as well as any you've stored on your memory card or the phone storage, go to Photos application:

1. To open Pictures, on the Home screen, select Photos icon.

2. Depending on how many pictures you've stored, they may take a few minutes to load.

3. If you've stored your pictures in folders on your Memory card, then the folders will display as separate "camera".

8.2 Music

To open your music Library, select the YT Music icon. Your music is organized into four categories: Artists, Albums, Songs, and Playlists. Select a category to view the lists within each. Once in a category, keep selecting until you reach the music you want to play.

For example, if you select the Artists category, you will see a list of artists in A-Z order. If you select an artist, the list opens to display that artist's albums. Select an album, and the album's song list displays.

9 Other applications

9.1 Calendar

Calendar views

You can view your calendar in a variety of ways.

Create an event

From any of the views, select 'New event' to open the new Event details screen.

- Type the information in the fields.
- Select date & time.
- Name that appears in Day view.
- Description can be as long as you like.
- Select a calendar if you display more than one.
- Set a default reminder time.
- Set online presence: available or busy.
- Select calendar privacy from Default (as defined when calendar was created), Private, or Public.

When finished, select 'save'.

9.2 Alarm Clock

The Alarm clock offers as many alarms as you want.

Set an alarm

Two alarms are set up for you, ready to customize. All two alarms are turned off by default. Select the check box to turn on the alarm. If no day shows under the set time, the alarm will go off once when the set time is reached.

Two alarms will go off at 8:30 am from Monday to Friday and at 9:00 am on Saturday and Sunday.

You can customize the alarm according to your needs, select one of the default alarms to open Alarm settings.

Set the following options:

Alarm: Select the check box to turn alarm on (checked) or off (cleared). This is the same check box that appears on the main Alarm Clock screen.

Time: The time the alarm will go off is shown. To change this time, select Time to open the time selector. Slide the finger up or down to set the time you want, and then select Set.

Repeat: The current repeat selection is shown. To change the setting, select Repeat and make a selection from the menu. To have your alarm will only go off once at the set time, don't select any of the options. A one-time alarm is shown on the Alarm Clock screen without any days under the set time.

Ring tone: The current ring tone selection is shown. Select Ring tone to pick another ring tone that will play when the alarm rings. (When you select a ring tone, it plays briefly.)

Once your alarm goes off, you will receive an alert with the options to Snooze (for 10 minutes) or Dismiss.

Add more alarms

To add more than three alarms, from the main Alarm Clock screen, select 'Add alarm'.

SAR

This Model Meets International Guidelines for Exposure to Radio Waves. Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 1W/kg per 10 gram of tissue. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>).

To prevent possible hearing damage, do not listen at high volume levels for long periods.

NOTE1: Make the warning open, the document format as follows:

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Hardware Revision:	V1.0
Software Revision:	V1.0
Frequency Band(s):	Bluetooth: 2402MHz-2480MHz BLE: 2402MHz-2480MHz 2.4G-WIFI: 2412MHz~2472MHz 5.2G-WIFI:5180MHz-5240MHz 5.8G-WIFI:5745MHz-5825MHz 2G: EGSM900: 880.2MHz-914.8MHz DCS1800: 1710.2MHz-1784.8MHz 3G: band 1: 1922.4MHz-1977.6MHz band 8: 882.4MHz-912.6MHz 4G: Band 1: 1920MHz-1980MHz Band 3: 1710MHz-1785MHz Band 7: 2500MHz-2570MHz Band 8: 880MHz-915MHz Band 20: 832MHz-862MHz Band 38: 2570MHz-2620MHz Band 40: 2300MHz-2400MHz

Transmit Power Range(s):	Bluetooth: 3.62dBm BLE: 9.02dBm 2.4G-WIFI: 16.71dBm 5.8G-WIFI:9.94dBm 5.2G-WIFI:12.17dBm 2G: EGSM900: 32.25dBm DCS1800: 30.27dBm 3G: band 1: 23.32dBm band 8: 23.54dBm 4G: Band 1: 22.85dBm Band 3: 22.83dBm Band 7: 23.34dBm Band 8: 23.02dBm Band 20: 23.18dBm Band 38: 23.07dBm Band 40: 22.95dBm
Modulation Type(s):	Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK BLE: GFSK 2.4G-WIFI: 802.11b: DSSS 802.11g/802.11n(H20): OFDM 5.2G-WIFI: 64QAM, 16QAM, QPSK,BPSK 5.8G-WIFI: OFDM 2G: GMSK for GSM/GPRS, 8-PSK for EGPRS

	3G: QPSK for WCDMA/HSUPA/HSDPA 4G: QPSK, 16QAM, 64QAM, 256QAM
Channel Spacing(s):	Bluetooth: 1MHz BLE: 2MHz WIFI: 5MHz GSM:200KHz WCDMA:200KHz LTE:100KHz

EU DECLARATION OF CONFORMITY

in accordance with

Annex VI of Directive [2014/53/EU](#) of the European Parliament and of the Council

1. For the following Radio equipment: **Fixed wireless phone**

Product name / Number (s): Kammunica 800, XD

Tradename or Brand: **Kammunica**

Software / Hardware number: **V1.0/V1.0**

2. Name and address of the manufacturer:
Kemp House, 152 - 160 City Road, London
EC1V 2NX, United Kingdom

Manufacturer: Kammunica Limited

3. This declaration of conformity is issued under the sole responsibility of the Manufacturer.

4. Object of the declaration (identification of the radio equipment allowing traceability; it

may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):



5. The object of the declaration described above is in conformity with the relevant Union harmonization legislation: Directive 2014/53/EU (RED)

6. References to the relevant harmonized standards used or references to the other technical specifications in relation to which

conformity is declared:

Article 3.2:

[ETSI EN 300 328 V2.2.2 \(2019-07\)](#)
[ETSI EN 301 511 V12.5.1 \(2017-03\)](#)
[ETSI EN 300 440 V2.2.1 \(2018-07\)](#)
[ETSI EN 301893 V2.1.1 \(2017-05\)](#)
[ETSI EN 301 908-1 V15.1.1 \(2021-09\)](#)
[ETSI EN 301 908-2 V13.1.1 \(2020-06\)](#)
[ETSI EN 301 908-13 V13.2.1 \(2022-02\)](#)

Article 3.1b:

[ETSI EN 301 489-1 V2.2.3 \(2019-11\)](#)
[ETSI EN 301 489-3 V2.1.1 \(2019-03\)](#)
[ETSI EN 301 489-17 V3.2.4 \(2020-09\)](#)
[ETSI EN 301 489-52 V1.2.1 \(2021-11\)](#)
[EN 55032:2015+AC:2016+A1:2020+A11:2020](#)
[EN 55035:2017+A11:2020](#)
[EN IEC 61000-3-2:2019/EN 61000-3-3:2013+A1:2019](#)

Article 3.1a Health:

[EN IEC 62311:2020](#)

Article 3.1a Electrical Safety:

[EN IEC 62368-1:2020+A11:2020](#)

7. Notified Body Name: Eurofins Electrical
and Electronic Testing NA, Inc.

Notified Body Number: 0980
Notified Body Assessment Performed:
Module B/C on Article 3.1a, 3.1b, 3.2 and 3.3
Technical File Identification Number: N/A

8. Where applicable, description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the EU declaration of conformity: User instructions are provided in the User Manual. The Software and Hardware versions are specified above.

9. Additional information:
Referring to Article 10.2 of the Directive, this equipment is so constructed that it can be operated in all Member States, without infringing applicable requirements on the use of radio spectrum.
Referring to Article 10.10 of the Directive, there are no restrictions on putting this equipment into service or of requirements for authorisation of use. Please refer to the User

Manual for details.

On behalf of:

Manufacturer: Kammunica Limited
Add: Kemp House, 152 - 160 City Road, London
EC1V 2NX, United Kingdom

(place and date of issue):
[shenzhen,3/28/2022](#)

(name, function): Zhenbai.Pu

(signature):

