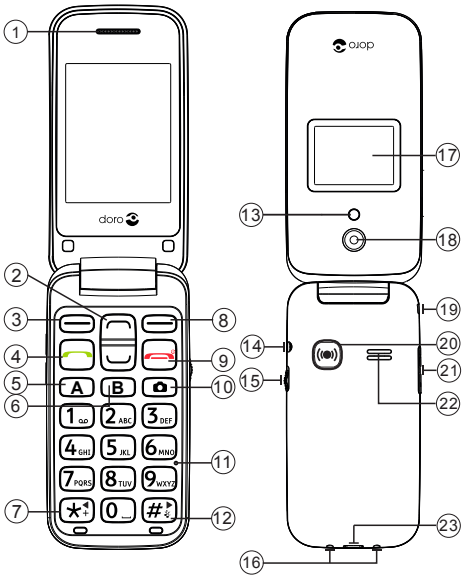
Doro 2424

Quick Start Guide

English



www.doro.com

1. Speaker
2. Scroll buttons
3. Left selection button
4. Call key
5. Speed dial A
6. Speed dial B
7. International prefix/ symbols/✱/◀
8. Right selection button
9. End call / **Power on/off**
10. Camera key
11. Microphone
12. Silent / Input method/#/▶
13. Torch/Camera flash
14. Headset socket
15. Torch key
16. Charging cradle connectors
17. External display
18. Camera lens
19. Lanyard hold
20. Assistance button
21. Volume
22. Loudspeaker
23. Charging socket

Note! All illustrations are for illustrative purposes only and may not accurately depict the actual device. This guide is for reference only. The actual device and the items supplied, including but not limited to the colour, size, and screen layout, may vary depending on the software and accessories available in your region or offered by your service provider. Supplied accessories provide the best performance with your phone. Your local Doro dealer provides additional accessories.

1. GET STARTED

SIM card, memory card and battery

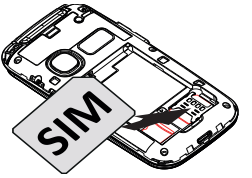
Remove the battery cover

Be careful not to damage your fingernails when you remove the battery cover. Do not bend or twist the battery cover excessively as it may be damaged.



Insert SIM card (required)

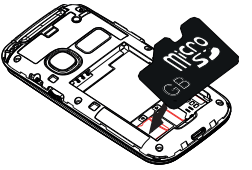
Remove the battery if it is already installed. Slide the card under the metal part, with the gold-coloured circuit board facing down. The cut-off corner of the card helps you to place the card, correct placement is indicated in the compartment.



Note! This device accepts micro SIM or 3FF SIM card. Use of incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card.

Insert SD card (optional)

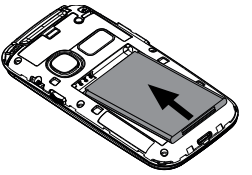
Locate the SD card holder and gently slide the card in the holder.



Note! The circuit boards (metal part) on the cards must not be scratched or bent. Try not to touch the circuits with your fingers. Use only compatible memory cards with this device. Compatible card type: microSD, microSDHC. Incompatible cards may damage the card itself, the device and corrupt any data stored on the card.

Insert the battery

Insert the battery by sliding it into the battery compartment with the circuits facing up to the left. Replace the battery cover.



Charge the phone

⚠ CAUTION
Only use batteries, charger and accessories that have been approved for use with this particular model. Connecting other accessories may be dangerous and may invalidate the phone's type approval and guarantee.

When the battery is running low,  is displayed and a warning signal is heard.

- Connect the mains adapter to the wall socket and to the charging socket .

Tip: Don't forget to remove the protective plastic film from the display.

2. GET TO KNOW YOUR PHONE

Turn the phone on and off

1. Press and hold the red button  on the phone to turn it on/off. Confirm with **Yes** to power off.
2. If the SIM card is valid but protected with a PIN code (Personal Identification Number), **PIN** is displayed. Enter the PIN code and press **OK**. Delete with **Clear**.

Note! If PIN and PUK codes were not provided with your SIM card, please contact your service provider.

Attempts: # shows the number of PIN attempts left. When no more attempts remain, **PIN blocked** is displayed. The SIM card must now be unlocked with the PUK code (Personal Unblocking Key).

1. Enter the PUK code and confirm with **OK**.
2. Enter a new PIN code and confirm with **OK**.
3. Re-enter the new PIN code and confirm with **OK**.

Start-up wizard

When starting the telephone for the first time, you can use the start-up wizard to set some basic settings.

Tip: You can run the start-up wizard later if you want.

Step-by-step instructions

In this document the arrow (➔) indicates next action in the step-by-step instructions.

To confirm an action in the phone, press **OK**.

To select an item, scroll vertically or highlight the item using ⌣/⌒ and then press **OK**.

To scroll horisontally, use * (◀) or # (▶).

Enter text

- Press a numerical key repeatedly until the desired character is shown. Wait a few seconds before entering the next character.
- Press * for a list of special characters. Select the desired character with ⌣/⌒ and press **OK** to enter it.
- Use ⌣/⌒ to move the cursor within the text.
- Press # to cycle upper case, lower case and numerals.

Change language, time and date

The default language is determined by the SIM card.

3. CALLS

Make a call

1. Enter the phone number. Delete with **Clear**.
2. Press ⌒ to dial. Press **Abort** to cancel the call.
3. Press ⌒ to end the call.

Note! For international calls, always use **+** before the country code for best operation. Press * twice for the international prefix **+**.

Call from the phonebook

1. Press **Name** to open the phonebook.
2. Use ⌣/⌒ to scroll through the phonebook, or quick search by pressing the key corresponding to the first letter of the name.
3. Press **Options** ➔ **Call**, alternatively, press ⌒ to dial the selected entry, or press **Back** to return to standby.

Receive a call

1. Press to answer, or press **Silent** to switch off the ring signal and then **Reject** (busy signal).
   Alternately, press to reject the call directly.
2. Press to end the call.

Volume control

Use / to adjust the sound volume during a call. The volume level is indicated on the display.

Silent

Silent is a fixed profile with keypad tone, message tone and ring tone disabled, while vibration, tasks and alarm are unchanged.

- Press and hold # to activate and to deactivate silent.

Call options

During a call the soft keys ( ) give access to additional functions.

Speed dial

Use 2–9 to speed dial an entry from standby.

- Press and hold the corresponding button to dial.

Add speed dial numbers

1. Press **Menu** ➔ **Phonebook** ➔.
2. Use / to scroll through the phonebook, or quick search by pressing the key corresponding to the first letter of the name.
3. ➔ **Options** ➔ **Phonebook settings** ➔ **Speed dial** ➔ **Set number**.
4. Select 2 ➔ **Edit** and select an entry from the phonebook.
5. Press **OK** to confirm.
6. Repeat to add speed dial entries for buttons 2–9.

SOS calls

As long as the phone is switched on, it is always possible to place an SOS call by entering the main local emergency number for your present location followed by .

Call history

Received, missed, and dialled calls are saved in a combined call log. 20 calls of each type can be stored in the log. For multiple calls related to the same number, only the most recent call is saved.

1. Press .
2. Use / to scroll through the call log.

   = **Received call**

   = **Dialled call**

   = **Missed call**
3. Press to dial, or **Options**.

4. PHONEBOOK

The Phonebook can store 300 entries with 1 phone numbers in each entry.

Add a contact

1. Press **Menu** ➔ **Phonebook** ➔ **-New contact-** ➔ **OK**.
2. Enter a **Name** for the contact, see “Enter text”. Delete with **Clear**.
3. Use / to select **Number** and enter the phone number.
4. When done, press **Save**.

ICE (In Case of Emergency)

In the event of a trauma, it is critical to have this information as early as possible to increase the chances of survival. Add ICE contact to improve your own safety. First responders can access additional information such as medication and next of kin from your phone in case of an emergency. All fields are optional, but the more information provided the better.

Press **Menu** ➔ **Phonebook** ➔ **ICE**.

1. Use ◡/◠ to scroll the list of entries.
2. Press **Edit** to add or edit information in each entry. Delete with **Clear**.
3. Press **Save** when done.

5. ASSISTANCE BUTTON

The assistance button allows easy access to contact your predefined help numbers should you need help. Make sure that the assistance function is activated before use and make all necessary configurations.Test the application thoroughly.

Make an assistance call

1. When help is needed, press and hold the assistance button for 3 seconds, or press it twice within 1 second.
   The assistance call begins after a delay of 5 seconds. In this time you can prevent a possible false alarm by pressing ⌒.
2. An assistance text message (SMS) is sent to all recipients. The first recipient in the list is dialled. If the call is not answered within 25 seconds, the next number is dialled. Dialling is repeated 3 times or until the call is answered, or until ⌒ is pressed.

⚠ CAUTION

When an assistance call is activated the phone is pre-set to handsfree mode. Do not hold the device near your ear when the handsfree mode is in use, because the volume may be extremely loud.

Settings

- Press **Menu** ➔ **Settings** ➔ **Assistance**.

6. MESSAGES

Create and send text messages

1. Press **Menu** ➔ **Messages** ➔ **Write message**.
2. Write your message.
3. Then press **Options** ➔ **To**.
4. Select a recipient with **Add from Phonebook**. Alternatively, select **Enter number** to add recipient manually and press **OK**.
5. You can modify the recipients by selecting one and press **Options** ➔ **Edit/Delete/ Delete all**.
6. When done, press **Options** ➔ **Send**.

Create and send picture messages

Both you and the recipient must have subscriptions that support picture message. The settings for picture message are supplied by your service provider and can be sent to you automatically via text message.Press **Menu** ➔ **Messages** ➔ **MMS**.

1. Write your message.
2. Press **Options** ➔ **Add picture**:

- **My pictures** to select a file.

Note! To keep best picture quality, send only one picture per message.

You can also **Add sound**, **Add video**, and **Preview MMS** using the **Options** menu.

3. Press **Options** ➔ **Add subject** and enter your subject, then press **Done**.
4. Press **Options** ➔ **To** and select select a recipient with **Add from Phonebook**. Alternatively, select **Enter recipient** to add recipient manually and press **OK**.
5. When done, press **Options** ➔ **Send**.

Settings

- Press **Menu** ➔ **Messages** ➔ **Messages** ➔ **SMS / MMS**.

7. CAMERA (TAKE PHOTOS)

1. Press shortcut button [📷] or press **Menu ➔ Camera**.
2. Press [📷] to take the photo.
3. Press **Options** to reach more settings.
4. Press **Back** to return to standby.

Camera settings

- Press **Menu ➔ Camera ➔ Options ➔**.

8. BLUETOOTH®

You can connect wirelesses to other Bluetooth® compatible devices such as headsets or other phones.

Important!
When you are not using Bluetooth® connectivity, turn off **Activate** or **Visibility**. Do not pair with an unknown device.

Activate Bluetooth®

1. Press **Menu ➔ Settings ➔ Connectiviy ➔ Bluetooth**.
2. Press **Function on/off ➔ On** to activate.

Search device

1. Press **Menu ➔ Settings ➔ Connectiviy ➔ Bluetooth ➔ My device**.
2. Press **Search new**.
3. Select a device from the list and press **Bond** to connect. If Bluetooth® is not enabled, press **Yes** to activate.
4. Press **OK** to confirm.

9. SOUND & DISPLAY

Tone setup

1. Press **Menu ➔ Settings ➔ Sound ➔ Tone setup ➔ Ringtone**.
2. Use ◡/◠ to select one of the available melodies, the melody will be played.
3. Press **OK** to confirm or **Back** to discard changes.

LCD backlight

Customise the display settings.

1. Press **Menu ➔ Settings ➔ Phone setup ➔ LCD backlight**:
   - Set **Brightness 1-5** using [*] (down) and [#] (up), 3 is the default value.
   - Set **Time 5-60 seconds** using [*] (down) and [#] (up).
2. Press **OK** to confirm.

10. ADDITIONAL FUNCTIONS

Alarm

1. Press **Menu** ➔ **Organiser** ➔ **Alarm** ➔ **On**.
2. Enter the alarm time using the keypad and press **OK** to confirm.
   - **Single**, for a single occurrence
   - **Repeated**, for a repeated alarm. Scroll through the list of days and press **On** or **Off** to enable or to disable for each day.
3. When done, press **OK**.
4. When the alarm goes off a signal will sound. Press **Stop** to turn off the alarm or press **Snooze** to repeat the alarm after 9 minutes.

Note! The alarm works even when the phone is switched off. Do not power on if wireless phone use is prohibited or when it may cause interference or danger.

Torch

Slide up to turn on the torch. Slide down to turn off.

Reset settings

1. Press **Menu** ➔ **Settings**.
2. Select **Reset settings** to reset the phone settings. All the changes that you have made to the phone settings will be reset to default settings.
3. Enter the phone code and press **OK** to reset.

Tip: The default phone code is **1234**.

Reset all

1. Press **Menu** ➔ **Organiser** ➔ **File manager** ➔ **Highlight phone** ➔ **Options** ➔ **Details** ➔.
2. Select **Reset all** to delete phone settings and content such as contacts, number lists and messages (SIM memory is not affected).
3. Enter the phone code and press **OK** to reset.

Tip: The default phone code is **1234**.

11. TROUBLESHOOTING

Phone cannot be switched on	
Battery charge low	Connect the power adapter and charge the battery.
Battery incorrectly installed	Check the installation of the battery.

Failure to charge the battery	
Battery or charger damaged	Check the battery and charger.
Battery recharged in temperatures < 0°C or > 40°C	Improve the charging environment.
Charger incorrectly connected to phone or power socket	Check the charger connections.

PIN code not accepted	
Wrong PIN code entered too many times	Enter the PUK code to change the PIN code, or contact the service provider.

SIM card error	
SIM card damaged	Check the condition of the SIM card. If it is damaged, contact the service provider.
SIM card incorrectly installed	Check the installation of the SIM card. Remove the card and reinstall it.
SIM card dirty or damp	Wipe the contact surfaces of the SIM card with a clean cloth.

Failure to connect to network	
SIM card invalid	Contact the service provider.
No coverage of GSM service	Contact the service provider.

Failure to add a contact	
Phonebook memory full	Delete contacts to free up memory.

Failure to set a function	
Function not supported or subscribed from network	Contact the service provider.

12. SAFETY INSTRUCTIONS

⚠ WARNING

The unit and the accessories can contain small parts. Keep all of the equipment out of the reach of small children.

The mains adapter is the disconnect device between the product and mains power. The mains socket outlet must be close to the equipment and easily accessible.

Network services and costs

Your device is approved for use on the GSM 900/1800 MHz networks. To use the device, you need a subscription with a service provider.

Using network services may result in traffic costs. Some product features require support from the network, and you may need to subscribe to them.

Operating environment

Follow the rules and laws that apply wherever you are, and always turn off the unit whenever its use is prohibited or can cause interference or hazards. Only use the unit in its normal user position.

Parts of the unit are magnetic. The unit can attract metal objects. Do not keep credit cards or other magnetic media near the unit. There is a risk that information stored on them can be erased.

Medical units

The use of equipment that transmits radio signals, for example, mobile phones, can interfere with insufficiently protected medical equipment. Consult a doctor or the manufacturer of the equipment to determine if it has adequate protection against external radio signals, or if you have any questions. If notices have been put up at health care facilities instructing you to turn off the unit while you are there, you should comply. Hospitals and other health care facilities sometimes use equipment that can be sensitive to external radio signals.

Implanted medical devices

To avoid potential interference, manufacturers of implanted medical devices recommend a minimum separation of 15 cm between a wireless device and the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15 cm from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.

If you have any reason to suspect that interference is taking place, turn the phone off immediately. If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

Areas with explosion risk

Always turn off the unit when you are in an area where there is a risk of explosion. Follow all signs and instructions. There is

a risk of explosion in places that include areas where you are normally requested to turn off your car engine. In these areas, sparks can cause explosion or fire which can lead to personal injury or even death.

Turn off the unit at filling stations, and any other place that has fuel pumps and auto repair facilities.

Follow the restrictions that apply to the use of radio equipment near places where fuel is stored and sold, chemical factories and places where blasting is in progress. Areas with risk for explosion are often – but not always – clearly marked. This also applies to below decks on ships; the transport or storage of chemicals; vehicles that use liquid fuel (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powder.

Li-ion battery

This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly.

⚠ WARNING

Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60° C (140° F), or dispose of in fire or water. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

Protect your hearing



WARNING
Excessive exposure to loud sounds can cause hearing damage.
Exposure to loud sounds while driving may distract your attention and cause an accident.
Listen to a headset at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

Emergency calls

Important!
Mobile phones use radio signals, the mobile phone network, the terrestrial network and user-programmed functions. This means that connection cannot be guaranteed in all circumstances. Therefore, never rely only on a mobile phone for very important calls such as medical emergencies.

Vehicles

Radio signals can affect electronic systems in motor vehicles (for example, electronic fuel injection, ABS brakes, automatic cruise control, air bag systems) that have been incorrectly installed or are inadequately protected. Contact the manufacturer or its representative for more information about your vehicle or any additional equipment.

Do not keep or transport flammable liquids, gases or explosives together with the unit or its accessories.
For vehicles equipped with air bags: Remember that air bags fill with air with considerable force. Do not place objects, including fixed or portable radio equipment in the area above the airbag or the area where it might expand. Serious injuries may be caused if the mobile phone equipment is incorrectly installed and the airbag fills with air.
It is prohibited to use the unit in flight. Turn off the unit before

you board a plane. Using wireless telecom units inside a plane can pose risks to air safety and interfere with telecommunications. It may also be illegal.

13. CARE AND MAINTENANCE

Your unit is a technically advanced product and should be treated with the greatest care. Negligence may void the warranty.

- Protect the unit from moisture. Rain/snowfall, moisture and all types of liquid can contain substances that corrode the electronic circuits. If the unit gets wet, you should remove the battery and allow the unit to dry completely before you replace it.
- Do not use or keep the unit in dusty, dirty environments. The unit's moving parts and electronic components can be damaged.
- Do not keep the unit in warm places. High temperatures can reduce the lifespan for electronic equipment, damage batteries and distort or melt certain plastics.
- Do not keep the unit in cold places. When the unit warms up to normal temperature, condensation can form on the inside which can damage the electronic circuits.
- Do not try to open the unit in any other way than that which is indicated here.
- Do not drop the unit. Do not knock or shake it either. If it is treated roughly the circuits and precision mechanics can be broken.
- Do not use strong chemicals to clean the unit.

The advice above applies to the unit, battery, mains adapter and other accessories. If the phone is not working as it should, please contact the place of purchase for service. Don't forget the receipt or a copy of the invoice.

16. TECHNICAL DATA

Specifications

Network bands (MHz) [maximum radio-frequency power/dBm]: 2G GSM	900 [33], 1800 [30]
Bluetooth (MHz) [maximum radio-frequency power/ dBm]:	3.0 (2402 - 2480) [10]
Dimensions:	103 mm x 52 mm x 19 mm
Weight:	92 g (including battery)
Battery:	3,7 V/800 mAh Li-ion battery
Operating ambient temperature:	Min: 0°C (32°F) Max: 40°C (104°F)
Charging ambient temperature:	Min: 0°C (32°F) Max: 40°C (104°F)
Storage temperature:	Min: -20°C (-4°F) Max: 60°C (140°F)

Hearing aid

This device should work with most hearing aid equipment in the market. However, full compatibility with all equipment can not be promised.

Specific Absorption Rate (SAR)

This device meets applicable international safety requirements 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 (radio frequency electromagnetic fields) recommended by international guidelines from the independent scientific organization ICNIRP (International Commission of Non-Ionizing Radiation Protection).

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg averaged over 10 grams of tissue and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for this device model are:

Head SAR: 0.873 W/kg

Body SAR: 0.637 W/kg

During normal use, the SAR values for this device are usually well below the values stated above. This is because, for purposes of system efficiency and to minimize interference on the network, the output power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

This device meets RF exposure guidelines when used against the head or when positioned at least 0.5 cm away from the body. When a carry case, belt clip or other form of device holder is used for body-worn operation, it should not contain metal and should provide at least the above stated separation distance from the body.