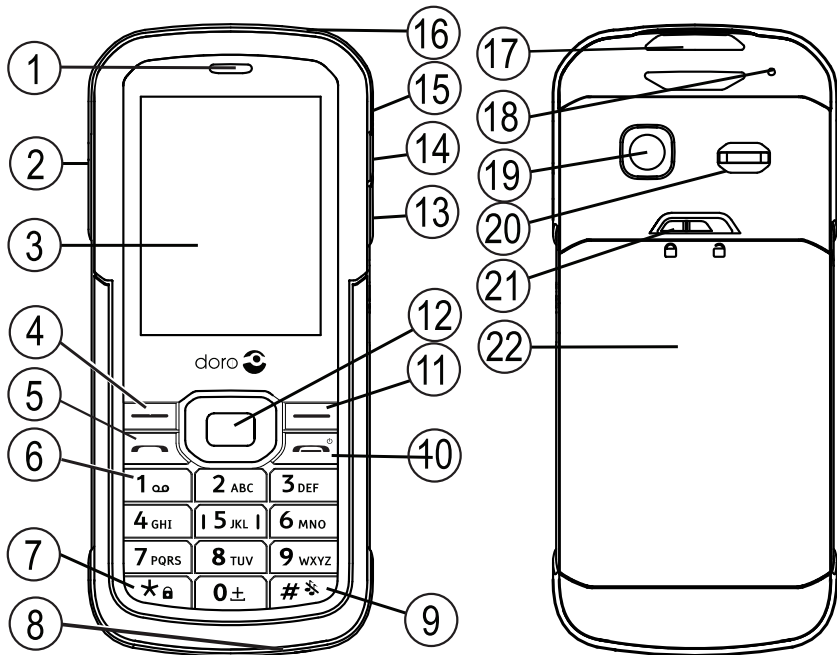# Doro 540X

English

doro

The items supplied with your phone might vary depending on the software and accessories available in your region or offered by your service provider. You can obtain additional accessories from your local Doro dealer. The supplied accessories provide the best performance with your phone.

1. Earpiece
2. Volume
3. Display
4. Left selection button
5. Call button
6. Voice mail
7. Symbols
8. Microphone
9. Input method/Silent
10. End call/**Power on/off**
11. Right selection button
12. Four-way navigation key
13. USB charging socket
14. Headset socket
15. Torch button/Assistance button
16. Torch
17. Strap mount eyelet (strap not included)
18. Second microphone
19. Camera lens
20. Loudspeaker
21. Back cover lock
22. Back cover

Contents

Congratulations on your purchase

Looking for a classic, bar style phone that can keep up with your active lifestyle? Then treat yourself to a tougher phone that won't flinch even after being dropped onto a concrete surface or exposed to wet, sandy or muddy surroundings. For more information about accessories or other Doro products please visit www.doro.com.

Get started

Insert SIM card, memory card and battery

IMPORTANT!

Turn off the phone and disconnect the charger before removing the battery cover.

Remove the back cover

- Slide the lock to the right to the unlock position 🔓 and remove the back cover.
- Be careful not to damage your fingernails when you remove the cover. Do not bend or twist the cover excessively as it may be damaged.
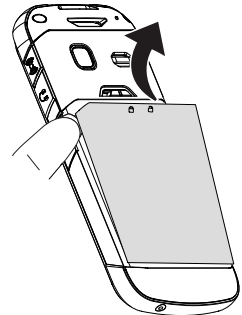
Insert the SIM card (required)

Remove the battery if it is already installed. Locate the SIM card holder.

micro SD

SIM
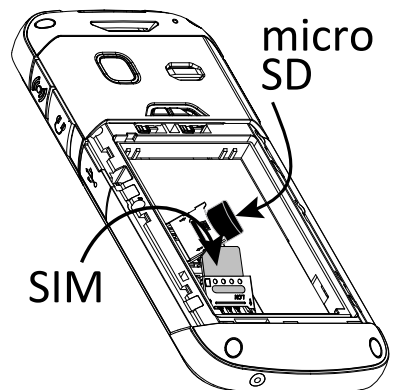
IMPORTANT!

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.

Press the card's lid carefully down until it clicks. Lift the lid to an upright position.

Place the card in the compartment with the cut-off corner up to the left. Make sure the card's contacts are facing down. Close the lid.
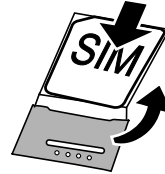
Carefully press down and slide the lid up until it clicks into place.

Insert the memory card (optional)

Locate the memory card holder and and follow the instructions for the SIM card. The device works with or without a memory card installed.

IMPORTANT!

Use only compatible memory cards for use with this device. Compatible card type: **microSD, microSDHC**.
Incompatible cards may damage the card itself, the device and corrupt data stored on the card. Depending on the market some phones may have a pre-installed memory card.

Insert the battery and replace the back cover

Insert the battery by sliding it into the battery compartment with the contacts facing down to the left. Replace the back cover. To maintain the water- and dust-protection (IP67) of the device, make sure that the phone's red rubber seal and the back cover is clean and free from foreign objects. Also ensure that all the covers are properly aligned and tightly closed. Remember to slide the lock back into the lock position.
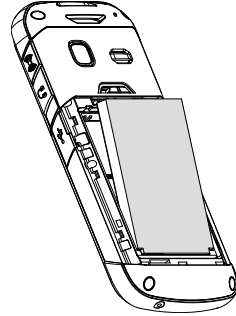
Charge the phone

> ⚠ **CAUTION**
>
> Only use batteries, chargers 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 warranty.

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

1. Open the water sealed flap coverage (🎧 / ⚡) by using a nail to gently lift the cover.

    Note! Be careful not to damage your fingernails when you remove the cover. Do not pull or twist the cover excessively as it may be damaged.
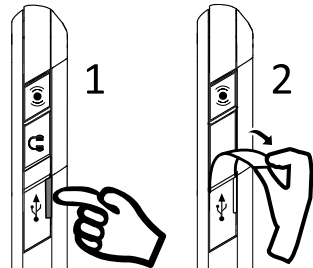
2. Gently lift the cover from the headset symbol (🎧) to not damage the strap that's holding the cover.
3. Connect the mains adapter to a wall socket and to the charging socket ⚡.
    Alternatively connect the cable to the charging socket ⚡ on the phone and to a USB port on a computer.

The battery charge indicator is animated while charging. It takes approximately 3 hours to fully charge the battery.

4. When charging is completed, is displayed on the screen. If the phone is turned off with the charger connected the battery charge indicator is displayed.

Note! To save power the LCD backlight goes off after a while. Press any button to illuminate the display. Batteries degrade over time, which means that call time and standby time will normally decrease with regular use.

Save energy
When you have fully charged the battery and disconnected the charger from the device, unplug the charger from the wall socket.

Get to know your phone

Turn the phone on and off

1. Press and hold on the phone to turn it on. Select to turn off.
2. If the SIM card is valid but protected with a PIN code (Personal Identification Number), **Input PIN** is displayed. Enter the PIN code and press **OK** (upper left corner of keypad). Delete with **Clear** (upper right corner of keypad).

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

Trials remain: # shows the number of PIN attempts left. When no more attempts remain, **PIN blocked** is displayed. The SIM card must then 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 new PIN code and confirm with **OK**.

Keypad lock
The keypad is on to prevent the keys being accidentally pressed.

Long press ✳ to lock the keypad.

How to navigate the phone

Standby mode
When the phone is ready to use, and you have not keyed in any characters, the phone is in standby.

Tip: You can always press ⌢ to return to standby.

Navigation keys
In this document, **press Menu** and **press OK** refers to pressing the ▣ icon/key.

- **A** – The central ▣ **Menu** key is used to enter the main menu and to confirm (**OK**) an action.
- **B** – The four-way-navigation key around the central ▣ **Menu** key itself is used to navigate up ▲, down ▼, left ◀ and right ▶ .
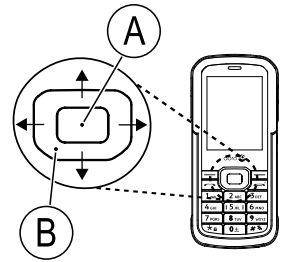
Step-by-step instructions
In this document, the arrow (➡) indicates next action in step-by-step instructions. To confirm an action, press **OK**. To select an item, scroll or highlight the item using the four-way-navigation key and then press **OK**.

Example:

- Press **Menu** ➡ **Contacts** ➡ **Options** ➡ **Add new contact**.

Selection buttons
Selection buttons (▭) have multiple functions. The current function is shown above the selection button on the display. For example during a call the selection buttons give access to additional functions.

- From standby mode, press the left selection button 💬 **Messaging** to access the Messages menu.
- From standby mode, press the right selection button 👥 **Contacts** to access your contacts.

Enter text

Enter text manually

Select character

- Press a numerical key repeatedly until the desired character is shown. Wait a few seconds before entering the next character.

Special characters

1. Press ✳ for a list of special characters.
2. Select the desired character with the arrow keys and press **OK** to confirm.

Move the cursor within text

- Use the arrow keys to move the cursor within the text.

Upper case, lower case and numerals

- Press **#** to choose between upper case, lower case and numerals. See *Input mode*, p.7.

Change writing language

1. Press **Options** ➤ **Writing language** for a list of available languages.
2. Select language with the arrow keys and press **OK** to confirm.

Enter text with predictive text
You can use the Smart ABC (T9®) input method which uses a dictionary to suggest words.

- Press each key **once**, even if the displayed character is not the one you want. The dictionary will suggest words based on the keys you have pressed.

Example

1. Press **3**, **7**, **3**, **3** to write the word "Fred". Complete the word before looking at the suggestions.
2. Use the arrow keys to view the suggested words.
3. Press **Select** and continue with the next word.
   Alternatively, press **0** to continue with the next word.
4. If none of the suggested words is correct, switch to manual input mode by pressing **#**.

Input mode

Press **#** to change input mode. The icon on the top left of the display indicates the input mode.

🖉 **ABC**	UPPER CASE with predictive text
🖉 **abc**	lower case with predictive text
🖉 **Abc**	Sentence case with predictive text
🖉 **ABC**	UPPER CASE
🖉 **abc**	lower case
🖉 **Abc**	Sentence case
🖉 **123**	Numerals

Volume control

During a call

Use the side buttons **+/–** to adjust the sound volume. The volume level is indicated on the display.

Silent

Silent is a fixed profile with all sounds disabled.

- Press and hold shortcut button **#** to activate or deactivate silent mode.

Headset

When a headset is connected, the internal microphone in the phone is automatically disconnected. If available, use the answer key on the headset to answer and end calls.

> ⚠ **CAUTION**
> Using a headset at high volume may damage your hearing. Adjust the volume level carefully when using a headset.

Calls

Make a call

1. Enter the phone number. Delete with **Clear**.
2. Press 🖉 to make a call. Press **Cancel** to cancel the call.
3. Press 🖉 to end the call.

Tip: For international calls, always use **+** before the country code for best operation. Press and hold **0** for the international prefix **+**.

Call from the phonebook

1. Press 👥 **Contacts** to open the phonebook.
2. Use arrow keys to scroll through the phonebook, or quick search by pressing the key corresponding to the first letter of the entry, see *Enter text*, p.6.
3. Press **Options** ➡ **Call** to dial the selected entry. If needed, select the number.
   Alternatively, press 📞 to dial.
4. Press **Cancel** or 📞 to cancel the call.

Receive a call

1. Press 📞 to answer.
   Alternatively press **Reject** or 📞 to reject the call (busy signal).
2. Press 📞 to end the call.

Call options

Options (left selection button)

- **Hold**/**Retrieve** to hold/retrieve the current call.
- **End single call** to end the current call (same as 📞).
- **New call** to call another number (Swap, Conference/Split, Transfer).
- **Phonebook** to search the phonebook.
- **Call history** to view the call log.
- **Messaging** to write or read text messages.
- **Mute** to disable/enable the microphone.

  Note! Mute can also be enabled/disabled with the central **Menu** key.

- **DTMF** to set the sending of DTMF tones **On**/**Off**.
- **Enable noise reduction**/**Disable noise reduction** to switch noise reduction **On**/**Off**.

H-Free (right selection button)
The loudspeaker allows you to speak without holding the phone close to the ear.

1. Press **H-Free** to activate. Speak clearly into the phone microphone at a maximum distance of 1 m. Use volume keys to adjust the loudspeaker volume.
2. Press **H-Held** to return to normal mode.

Note! Loud background noises (music, etc.) may interfere with the sound quality.

Call information

During a call, the outgoing or incoming phone number and the elapsed call time is displayed. If the identity of the caller is withheld, **Restricted** is displayed.

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 📞.

Some networks accept calls to emergency numbers without a valid SIM card. Contact your service provider for more information.

Call log

Received, missed and made calls are saved in a combined 📞 call log. For multiple calls related to the same number, only the most recent call is saved.

1. Press 📞.
   Alternatively, press **Menu** ➡ 📞 **Calls**.
2. Use arrow keys to select:

   📞   All calls

   📞↗   Dialled call

   📞?   Missed call

   📞↙   Received call

3. Press 📞 to call, or **Options**:
   - **View** to show details for the selected call.
   - **Send message** to send a text message.

- **Save to Phonebook** to save the number in the phonebook ➤ **Add new contact** to create a new contact, or **Replace existing** to edit an existing contact.
- **Add to Blacklist** to block the number.
- **Edit before call** to change the number before dialling.
- **Delete** to delete the call.
- **Delete all** to delete all calls in the call log.
- **Advanced** to reach **Call timers** and **Text msg. counter**.

Phonebook

Add new contact

1. Press **Menu** ➤ **Contacts** ➤ **Options** ➤ **Add new contact**.
2. Enter a **Name** for the contact, see *Enter text*, p.6. Delete with **Clear**.
3. In tab 📋:
    - Use the arrow keys to select **Number** to enter a **Mobile number**.
    - Select **New number** and enter the number to add additional numbers for **Home number**, **Office number** or **Fax number**.
4. In tab 🌐, select **Email address 1** enter an e-mail address for the contact, see *E-mail settings*, p.19.
   You can also add **Email address 2** and **Company name**.
5. In tab 💼, enter the relevant post address information.
6. In tab 🗓, enter the contact birthday.
7. In tab 🎵, if you want you can add **Caller picture** and **Caller ringtone**.
8. Press **Options** ➤ **Save**.

Manage phonebook contacts

1. Press **Menu** ➤ **Contacts**.
2. Select a contact, then press **Options**:
    - **Add new contact** to add contact. See *Add new contact*, p.10.
    - **View** to show details for the selected contact.
    - **Send message** to create text message, see *Create and send a message (SMS/MMS)*, p.17.
    - **Call** to call the contact.
    - **Edit** to edit the contact.

- **Add to favourite** to set the entry as one of the first 10 contacts listed in the phonebook.
- **Delete** to delete the selected contact. Press **Yes** to confirm or **No** to abort.
- **Copy ➜ To Phone** to copy all phonebook contacts from the SIM card to the phone memory, or **To SIM** to copy all contacts from the phone memory to the SIM card.
- **Send business card**:
  - **As text message**, see *Create and send a message (SMS/ MMS)*, p.17.
  - **As multimedia message**, see *Create and send a message (SMS/MMS)*, p.17.
  - **As Email**, see *Create and send e-mail*, p.18.
  - **Via Bluetooth**, see *Bluetooth®*, p.32.
- **Add to Blacklist** to block the contact from calling.
- **Mark several** to select and do actions for more than one contact.
- **Phonebook settings** see *Phonebook settings*, p.11.
3. Press **OK** to confirm.

Phonebook settings

1. Press **Menu ➜ Contacts**.
2. Select a contact, then press **Options ➜ Phonebook settings** for the following settings:

Preferred storage

Select **Preferred storage** to set where to save new contacts:

- **SIM** to save up to 1 phone number per contact.
- **Phone** to save 1500 contacts with 3 phone numbers each as well as other contact information.
- **Both** to always get a question on where to save a contact.

Speed dial

Use **2** - **9** to speed dial an entry from standby.

- Press and hold the corresponding key until dialling starts.

Add speed dial numbers

1. Press **Speed dial**.
2. Press **Status** ➡ **On** to enable the feature.
3. Press **Set numbers** and select **2** ➡ **Edit** and select an entry from the phonebook.
4. Repeat to add speed dial entries for buttons **3** – **9**.

Voicemail **1**

If your subscription includes an answering service, callers can leave a voicemail message when you are unable to answer a call. **Voicemail** is a network service and you may need to subscribe to it first. For more information and for the voicemail number, contact your service provider.

1. Press the **Voicemail**-button and select service already available on your SIM.
2. Alternatively: Select **Empty** ➡ **Edit** and and enter name and number.

Call voice mail

- Press and hold shortcut button **1**.

Owner numbers

The phone number assigned to your SIM card is saved as **Owner numbers** if this is allowed by the card.

Add numbers

1. Press **Owner numbers** ➡ **Empty** ➡ **Options** ➡ **Edit**.
2. Enter name and number.

Extra numbers

Fixed dial

You can limit calls to certain numbers saved on the SIM card. The list of allowed numbers is protected by your PIN2-code.

Note! The PIN2-code is needed to apply fixed dial. Contact your service provider to get the PIN2-code.

1. Press **Extra numbers** ➡ **Fixed dial**:
    - **Mode** ➡ **On** to enable the feature.
    - **Fixed dial list** ➡ **Add** and enter the first allowed number.

2.   If needed, enter PIN2 and press **OK** to confirm.

Note! You can save parts of phone numbers. For example, if you save 01234, allows calls to all numbers starting with 01234. It is possible to place an SOS call by entering the main local emergency number followed by 🤙 even when fixed dial is activated. When fixed dial is activated you are not allowed to view or manage any phone numbers saved on the SIM card. You are not able to send any text messages either.

Memory status
Press **Memory status** to display the memory space used on the SIM card and in the phone memory.

Copy contacts
Press **Copy contacts** to copy multiple contacts between SIM and phone.

Move contacts
Press **Move contacts** to move multiple contacts between SIM and phone.

Delete all contacts
Press **Delete all contacts** to delete all contacts on SIM or phone.

Assistance button

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

The assistance feature and torch shares the same physical button. When you first startup the phone the button is set for the torch feature. You must firstly change function of the button to **Assistance mode** before it's possible to configure the assistance feature. See *Torch button setting*, p.35.

The assistance button is a great companion for anyone who works alone in an isolated environment and allows easy access to contact your prede-fined help numbers (Number list) should you need help. Make sure that

the assistance function is activated before use, enter recipients in the numbers list and edit the text message.

Make an assistance call

1. <u>When help is needed</u>, 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.
3. The first <u>recipient</u> in the list is called. If the call is not answered within 25 seconds, the next number is called. Calling is repeated 3 times or until the call is answered, or until 🖭 is pressed.

Note! Some private security companies can accept automatic calls from their clients. Always contact the security company before using their phone number.

Tip: The assistance function may be configured so that the recipient of the call must press **0** (zero) to confirm, in order to stop the alarm sequence. See *Confirm with 0*, p.16.

IMPORTANT!

Information to the <u>recipient</u> of an assistance call, when Confirm with 0 is activated.
 	
•   After receiving the assistance message, each number in the Number list is called sequentially.
 	
•   To confirm the assistance call, the <u>recipient</u> needs to press **0**.
 	
    •   If the <u>recipient</u> doesn't press **0** within 60 seconds (after answering) the call will be disconnected and the next number in the sequence will be called.
 	
    •   If the <u>recipient</u> presses **0** within 60 seconds, the call is confirmed and no further call attempts will be made (assistance sequence interrupted).

Assistance settings

You must firstly change function of the button to **Assistance mode** before it's possible to configure the assistance feature. See *Torch button setting*, p.35.

Assistance

Select how to activate the assistance function using the assistance button.

1. Press **Menu** ➜ **Settings** ➜ **Assistance** ➜ **Activation**:
   - **On Normal** to press and hold the button for approximately 3 seconds, or press it twice within 1 second.
   - **On (3)** to press the button 3 times within 1 second.
   - **Off** to disable the assistance button.
2. Press **OK** to confirm.

Number list

Add numbers to the list that is called when the assistance button is pressed.

IMPORTANT!
Always inform recipients in the **Number list** that they are listed as your assistance contacts.

1. Press **Menu** ➜ **Settings** ➜ **Assistance** ➜ **Number list**.
2. Select **Empty** ➜ **Add** ➜ **Phonebook** to add a contact from the phonebook.
   Alternatively, press **Manual** to add names or numbers manually. See *Add new contact*, p.10.
3. Press **OK** to confirm.
4. Repeat until you have 5 contacts (maximum).

Tip: To edit or delete an existing entry, select it and press **Options** ➜ **Edit** or **Delete**.

Activate text messages (SMS)

A text message can be sent to the contacts in the numbers list when the assistance button is pressed.

Activation

1. Press **Menu** ➜ **Settings** ➜ **Assistance** ➜ **SMS** ➜ **Activation**:
   - **On** to send a text message before calling.
   - **Off** to call without sending a text message first.
2. Press **OK** to confirm.

Create assistance message

1. Press **Menu** ➜ **Settings** ➜ **Assistance** ➜ **SMS** ➜ **Message**.
2. Select **Edit** and write the message, see *Enter text*, p.6.
3. Press **OK** to confirm.

Note! You **must** write a message if you activate the SMS function.

Confirm with 0

You can activate the Confirm with 0 function. This is especially recommended if there is a risk that the assistance call is answered by a voice mail or answering service. If the recipient doesn't press **0** within 60 seconds the call will be disconnected and the next number in the sequence will be called. If the recipient presses **0** within 60 seconds, the call is confirmed and no further call attempts will be made (assistance sequence interrupted).

1. Press **Menu** ➜ **Settings** ➜ **Assistance** ➜ **Confirm with 0**.
2. Select **On** to enable, or **Off** to disable.
3. Press **OK** to confirm.

Signal type

Select the notification signal type for the assistance sequence.

1. Press **Menu** ➜ **Settings** ➜ **Assistance** ➜ **Signal type**:
   - **High** to use loud signals (default).
   - **Low** to use one low signal.
   - **Silent** no sound indication, like a normal call.
2. Press **OK** to confirm.

Messages

Create and send a message (SMS/MMS)

Note! Before you can send any text messages, you need to save your message centre number. The number to your service centre is supplied by your service provider and is usually set on the SIM card. If not, you can enter the number yourself in **Message settings/Text message**.
A picture message can contain text and media objects such as pictures, sound recordings and video. 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.

1.   Press **Menu** ➜ 💬 **Messages** ➜ **Write message**.
2.   Press **OK** to select a recipient from your phonebook. Alternatively, enter the number manually.
3.   Use arrow key down to write your message.
4.   To send a picture message (MMS), press **Options** ➜ **Add picture**:
     •   **My pictures** to select a file.
     •   **Take picture** to use the camera to take a picture.

         Note! If you add more than one picture, the following pictures are increasingly compressed by the phone (scaled down). This to allow you to send more pictures in one message. To keep best picture quality, send only one picture per message.

     You can also **Add sound** and **Add video** using the **Options** menu.
5.   Press **Options** for even more options.
6.   When done, press **Options** ➜ **Send**.

Inbox, Drafts, Outbox and Sent messages
1.   Press **Menu** ➜ **Messages**.
2.   Select **Inbox**, **Drafts**,**Outbox** or **Sent messages**.
3.   Select a message and press **Options** for available options.
4.   Press **OK** to confirm.

Message settings
Please find more settings in **Text message** and **Multimedia message**.

E-mail

Create and send e-mail

IMPORTANT!
Using data services can be costly. We recommend that you check your data rates with your service provider.

You can send or view e-mail messages using your personal or company e-mail account. See *E-mail settings*, p.19 on how to setup your e-mail.

1. Press **Menu** ➜ **E-mail**.
2. Select e-mail account.
3. Select **Options** ➜ **Write Email**.
4. Press **OK** to select a recipient from your phonebook. Alternatively, enter the address manually.
5. Press **Back** and use arrow key down to write your subject.
6. Use arrow key down to write your message.
7. Press **Options** for more options.
8. When done, press **Options** ➜ **Send**.

Download e-mail

• Press **Menu** ➜ **E-mail** ➜ select account ➜ **Refresh**.

Note! After configuring your account, you can view previously retrieved e-mail offline or connect to the e-mail server to view new messages. After you retrieve e-mail messages, you can view them offline.

Sign in to Gmail/Yahoo

E-mail accounts, like Gmail and Yahoo require you to change an account setting before you are able to access e-mails on your new Doro phone. To avoid problems signing in, you may need to log-into your Gmail / Yahoo account. Please use the following process to activate the use of your account on your Doro phone or you may receive a 'pop up' message that the 'authentication process has failed'.

Account settings

1. Use a computer web browser to log in to your Gmail/Yahoo account.

2. Click your name (top right corner) ➡ **My Account** ➡ (Under the security section click) **Connected apps & sites/Account security** ➡ **Allow less secure apps** ➡ Set the switch to **ON**.

3. Try to log in with your device again.

Gmail still not working?

1. Use a computer web browser to log in to your Gmail account.
2. Use the shortcut link: https://accounts.google.com/b/0/DisplayUnlockCaptcha
3. Click **Continue**.
4. Try to log in with your device again.

E-mail settings

Enables you to review and create e-mails using your e-mail account. In order to utilize the e-mail service on your Doro 540X you need to have an already configured e-mail account such as Google Mail, Yahoo or Hotmail.

Note! You can add up to 10 different e-mail accounts.

Press **Menu** ➡ **E-mail**:

The first time you configure an account you are prompted **Start to create account?**. Press **Yes**.

Set up general e-mail accounts

For general e-mail accounts such as (Google Mail, Yahoo or Hotmail).

1. From **E-mail** ➡ **Select**:
   - **Outlook.com**
   - **Gmail**
   - **Yahoo**
2. Enter your **Email address** and your **Password**.
3. Press **OK** to confirm.

Note! if you have problem with the account please see *Sign in to Gmail/ Yahoo*, p.18.
If that doesn't help, check for solutions on the e-mail provider's homepage.

Set up other accounts

Follow the steps below if your service provider is not in the list. Contact your service provider for correct settings.

1. From **E-mail** ➜ **Other Email accounts** ➜ **Select** and fill in the required information that is provided by your email provider.
2. Press **OK** to confirm.

To edit or delete an existing entry, select it and press **Options** ➜ **Edit/ Delete**.

Camera

Select Camera or Video recorder

1. Press **Menu** ➜ **Camera**.
2. Press ▶ to select Camera and ◀ for Video recorder.

Camera (take photos)

To get sharp photos, wipe the lens clean with a dry cloth.

1. Select **Camera** as descibed in *Select Camera or Video recorder*, p.20
2. Press 🔘 to take photo.
3. Press ⚙ **Options** for options and camera settings.
4. Press **Back** to take a new photo.
   If you do not make any selection the picture is saved.

Camera adjustments

- Use ▼/▲ to zoom in and out.
- Press ⚙ **Options** for options and camera settings.

Note! Zoom may reduce picture quality.

Video recorder

To get sharp videos, wipe the lens clean with a dry cloth.

1. Select **Video recorder** as descibed in *Select Camera or Video recorder*, p.20
2. Press 📹 to start recording.
3. Press **II** to pause, ● to resume and ■ to stop the recording.
4. Press 📧 to **Send** the video as MMS.

5. Press ⚙ **Options** for options.
6. Press **Back** to return.

Video camera adjustments

*   Use ▼/▲ to zoom in and out.

*   Press ⚙ **Options** for options and video camera settings.

Note! Zoom may reduce video quality.

Images

View your saved pictures.

1. Press **Menu** ➜ **Images**.
2. Use ▼/▲ or ◀/▶ to select a picture.
3. Press **Options**:
    *   **View** for single view.
    *   **Image information** to view detailed information about the file, e. g. date, size, resolution.
    *   **Edit** to edit . Press **Options** for the available options.
    *   **Browse style** to change view. Select **List style** or **Matrix style**.
    *   **Send** ➜:
        *   **As multimedia message** to send as picture message.
        *   **As Email** to send as email.
        *   **Via Bluetooth** to send to a Bluetooth device, see *Bluetooth®*, p.32.
    *   **Use as** ➜ for available options.
    *   **Rename** to rename picture.
    *   **Delete** to delete. Press **Yes** to confirm or **No** to return.
    *   **Sort by** ➜ for available options.
    *   **Delete all files** to delete all files. Press **Yes** to confirm or **No** to return.

Profiles

Your phone has various settings groups called profiles, which you can personalise for different events and environments. You can also create your own profile.

1. Press **Menu** ➡ **Profiles**.
2. Use the arrow keys to select a profile.
3. Press **Options**:
    - **Activate** to activate the profile.
    - **Customize** to customize the profile.
    - **Reset** to reset the profile.

Connect the phone to a computer

Connect the phone to a computer and start transferring pictures, music and other file types. All you have to do is connect a USB cable between the phone and computer. From your computer's file explorer, you can drag and drop content between your phone and the computer.

Note! You might not be able to transfer some copyright protected material.

Drag and drop content between phone and a computer
1. Connect your phone to a computer using a USB cable.
2. Wait until the phone or memory card appears as external disks in the file explorer.
3. Drag and drop selected files between the phone and the computer.

Note! You can transfer files using a USB cable on most devices and operating systems supporting a USB Mass Storage interface.

Disconnect the USB cable safely
1. Make sure to enable the hardware to be safely removed.
2. Disconnect the USB cable.

Note! Computer instructions may vary depending on your operating system. See the documentation of your computer's operating system for more information.

Settings

Phone settings

Time and date

Set time/date

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Time and date**:
    - **Set home city** to enter the timezone/city nearest you.
    - **Set time/date** to enter the time/date/daylight saving.
    - **Set format** to set the format for **Time**/**Date**/**Date separator**.
    - **Update with time zone** to automatically update the time and date according to the current time zone.

        Note! Automatic update of date and time does not change the time you have set for the alarm clock or the calendar. They are in local time. Updating may cause some alarms you have set to expire depending on network support and subscription.

2. Press **OK** to confirm.

Schedule power on/off

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Schedule power on/off**:
    - **Scheduled power on** to enable and enter a power on time.
    - **Scheduled power off** to enable and enter a power off time.
2. Press **Save** to confirm.

Language

The default language for the phone menus, messages, etc. is determined by the SIM card. You can change this to any other language supported by the phone.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Language**.
2. Use the arrow keys to select language.
3. Press **OK** to confirm.

Display

Wallpaper

Set the background for the display when the phone is in standby mode.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Display** ➜ **Wallpaper**:

   • **System** to select from preinstalled files.

   • **User defined** to select from your own pictures.
2. Use ▼/▲ to display available wallpapers.
3. Press **OK** to confirm.

Screen auto lock

Select the time for the screen to lock.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Display**.
2. Select **Screen auto lock** ➜ **Off**, **5 secs**, **30 secs**, **1 min** or **5 mins**.
3. Press **OK** to confirm.

Power on display

Set the background for the display when turning on the phone.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Display** ➜ **Power on display**:

   • **System** to select from preinstalled files.

   • **User defined** to select from your own pictures.
2. Use ▼/▲ to display available wallpapers.
3. Press **OK** to confirm.

Power off display

Set the background for the display when turning off the phone.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Display** ➜ **Power off display**:

   • **System** to select from preinstalled files.

   • **User defined** to select from your own pictures.
2. Use ▼/▲ to display available wallpapers.
3. Press **OK** to confirm.

Show date and time

In standby mode the display can show time and date or not.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Display** ➜ **Show date and time**.
2. Select **On** or **Off**.
3. Press **OK** to confirm.

Clock type

In standby mode the display can show one or two clocks or an analog clock.

1. Press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Display** ➔ **Clock type**:
2. Select **Single clock**, **Dual clock** or **Analog**.
3. Press **OK** to confirm.

Note! Show date and time must be set to **On** to be able to show any clock.

Auto update time

Automatic update of date and time is normally switched on, but can be changed if wanted.

1. Press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Auto update time**.
    *   **Off** to disable.
    *   **First confirm** you must confirm if you want change timezone/ time/date if the phone detects a difference.
    *   **On** to enable.
2. Press **OK** to confirm.

Flight mode

In **Flight mode** you can't make or receive calls, download emails, or do anything that requires a network connection, this is to prevent disturbance to sensitive equipment. You can still listen to music, watch videos and other content, as long as all this content is saved on your memory card or internal storage.

When you take your phone abroad, you can keep it in flight mode. If you do that, there's no chance of data roaming charges. Enable **Flight mode** when in areas with no network coverage to save battery since the phone repeatedly scans for available networks and this consumes power. You can still be notified by alarms, if alarms are activated.

1. Press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Flight mode**.
2. Select **Normal mode** or **Flight mode**.
3. Press **OK** to confirm.

Tip: To enable you can also press and hold the ⬚ **Power button** and then activate/deactivate ✈ **Flight mode**.

Misc. settings
LCD backlight
You can adjust the brightness of the display and set the delay time for the display backlight.

1. Press **Menu** ➜ **Settings** ➜ **Phone settings** ➜ **Misc. settings** ➜ **LCD backlight**:
    - **Brightness** select brightness level.
    - **Time (sec)** set the delay time.
2. Press **OK** to confirm.

About phone
You can display the software version of the phone.

Call settings

Caller ID
Display or hide your phone number on the recipient's phone when you call.

1. Press **Menu** ➜ **Settings** ➜ **Call settings** ➜ **Caller ID**:
    - **Set by network** to use default setting by the network.
    - **Hide ID** to never show your number.
    - **Send ID** to always show your number.
2. Press **OK** to confirm.

Call waiting
You can handle more than one call at a time, put the current call on hold and answer the incoming call. When activated, an alert tone is heard if there is an incoming call while talking.

- During a call, press **Answer**.

Activate call waiting
1. Press **Menu** ➜ **Settings** ➜ **Call settings**.
2. Select **Call waiting** ➜ **Activate**.
3. Press **OK** to confirm.

Tip: Repeat and select **Deactivate** to disable call waiting, or **Query status** to display if call waiting is active or not.

Call divert
You can divert calls to an answering service or to another phone number. Set up which calls should be diverted. Select a condition and press **OK**, then select **Activate**, **Deactivate** or **Query status** for each.

1. Press **Menu** ➜ **Settings** ➜ **Call settings** ➜ **Call divert**:
   - **Divert all voice calls** to divert all voice calls.
   - **Divert voice calls if unreachable** to divert incoming calls if the phone is turned off or out of range.
   - **Divert voice calls if no answer** to divert incoming calls if unanswered.
   - **Divert voice calls if busy** to divert incoming calls if the line is busy.
   - **Divert all data calls** to divert all data calls.
   - **Cancel all diverts** to cancel all call divert settings.
2. Press **OK** to confirm.

Call barring
Your phone can be restricted to disallow certain types of calls. Select your required type of call and press **OK**, then select **Activate**, **Deactivate** or **Query status** for each.

Note! A password is needed to apply call barring. Contact your service provider to get the password.

1. Press **Menu** ➜ **Settings** ➜ **Call settings** ➜ **Call barring**.
2. Select **Outgoing calls**:
   - **All voice calls** to answer incoming calls but not calling.
   - **International voice calls** to block calls to international numbers.
   - **International voice calls except to home PLMN** to block international calls except to the country associated with the SIM card.
3. Select **Incoming calls**:
   - **All voice calls** to not receive any incoming calls.
   - **Voice calls when roaming** to block incoming calls while roaming (operating in other networks).

4. Select **Cancel all** to cancel all call barring (password needed). Press **OK** to confirm.

5. Select **Change barring password**:
   - Enter current password and press **OK**.
   - Enter new password and press **OK**. Repeat to confirm.

Advanced settings

1. Press **Menu** ➜ **Settings** ➜ **Call settings** ➜ **Advanced settings**:
   - **Blacklist** to add numbers to a blacklist. You can compile a blacklist of phone numbers so that any phone number on your blacklist is blocked when calling or texting you.
   - **Auto redial** set to **On** to automatically redial a busy number.
   - **Call time reminder** to get an audible reminder after a certain time of a call.
   - **Auto quick end** set to **On** to automatically disconnect phone calls after a defined timer.
   - **Answer mode**:
     - Select **Any key** to be able to answer incoming calls by pressing any key (exemption ⌢).
     - Select **Auto answer when headset mode** to automatically answer incoming calls when a headset is connected.

Data settings

Network selection

1. Press **Menu** ➜ **Settings** ➜ **Data settings** ➜ **Network selection**:
   - **New search** to perform new search if connection is lost.
   - **Select network** to view available network, a list of available network operators is displayed (after a short delay). Select desired operator.
   - **Selection mode** to select another network. Select **Automatic** to select network automatically or **Manual** to select network manually.

3G switch

- **GSM** service only.
- **WCDMA (3G)** service only.
- **Automatic**: switch between **GSM** and **WCDMA 3G** for best service.

IMPORTANT!
If you set your phone to use GSM only or WCDMA only, you will not be able to make any calls, including emergency calls, or use other features requiring a network connection, if the selected network is unavailable.

Network information

View your current network settings.

GPRS connection

- **Always** service always on.
- **When needed** service connects when needed and disconnect after usage. Takes longer time to connect, but can save some battery.

GPRS transfer pref.

- **Data prefer** data priority.
- **Call prefer** voice call priority

Security settings

SIM security

1. Press **Menu** ➜ **Settings** ➜ **Security settings** ➜ **SIM security** ➜ **PIN lock**:
   - **On** to activate the PIN code. You need to enter the PIN code every time the phone is started.
   - **Off** to deactivate the PIN code.

IMPORTANT!
If enabling Off-mode and the SIM card is lost or stolen, it is unprotected.

Change PIN

1. Press **Menu** ➜ **Settings** ➜ **Security settings** ➜ **SIM security** ➜ **Change PIN**.
2. Enter current PIN code and press **OK**.
3. Enter new PIN and press **OK**. Repeat to confirm.

Note! The same procedure can be followed for PIN2.

Phone security

The phone lock protects your phone from unwanted usage. If activated, phone is locked after restart and the phone code needs to be entered to unlock.

1. Press **Menu** ➜ **Settings** ➜ **Security settings** ➜ **Phone security** ➜ **Phone lock**.
2. Select **On** to enable, or **Off** to disable.
3. Press **OK** to confirm.

Note! You need to enter current phone code. Default phone code is **0000**.

Change password

1. Press **Menu** ➜ **Settings** ➜ **Security settings** ➜ **SIM security** ➜ **Change password**.
2. Enter current password and press **OK**.
3. Enter new password and press **OK**. Repeat to confirm.

Privacy Lock

The phone lock protects your phone from unwanted usage. If activated, phone is locked after restart and the phone code needs to be entered to unlock.

1. Press **Menu** ➜ **Settings** ➜ **Security settings** ➜ **Privacy Lock**.
2. Enter current password and press **OK**.
3. Set **Privacy lock switch** to **On** or **Off**.
4. Press **Choose item** and select the apps that should be protected by the phone code.
5. Press **Save** to confirm.

Note! You need to enter current phone code. Default phone code is **0000**.

Restore factory settings

1. Press **Menu** ➜ **Settings**.
2. Select **Restore factory settings** to reset the phone settings. All the changes that you have made to the phone settings will be reset to default settings (photos, contacts, number lists, messages, SIM memory and memory card is not affected).
3. Enter the phone code and press **OK** to reset.

Tip: The default phone code is **0000**.

Reset all

1. Press **Menu** ➔ **Settings** ➔ **Security settings**.
2. Select **Reset all** to delete phone settings and content such as con-tacts, number lists and messages (SIM memory and memory card is not affected).
3. Enter the phone code and press **OK** to reset.

   Tip: The default phone code is **0000**.

Sound effects

Set different effects on the sound you hear.

Connectivity

Internet profile

The Internet settings are used by services that communicates using Inter-net. The Internet settings for most major service providers are already in-serted from start. Another way is to ask your service provider to send the settings directly to your phone.

Follow the steps below if your service provider profile is not in the list. Contact your service provider for correct settings.

1. Press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Data accounts**.
2. Use ▼/▲ to select an account.
3. Press **Options** ➔ **Edit** to enter settings for your service provider:
   - **Account name** to enter the account name.
   - **APN** to enter the APN address.
   - **Username** to enter user name.
   - **Password** to enter password.
   - **Auth. type** to set security.
   - **Advanced settings** for further settings.
     - **Homepage** to enter homepage.
     - **Connection type** select **HTTP/WAP**.
     - **Use proxy** select **Yes** to edit proxy settings.
       - **Proxy address** to enter proxy address.
       - **Proxy port** to enter proxy port.

- **Proxy user name** to enter user name.
- **Proxy password** to enter password.
- **Primary DNS** to enter Primary DNS address.
- **Secondary DNS** to enter Secondary DNS address.
- **IP address** to enter IP address.
- **Subnet mask** to enter Subnet mask.

4. Press **Done**, and press **Yes** to save or **No** to return.
5. Select your new profile and press **Options** ➔ **Activate**.

You can also activate/modify a profile by selecting one and press **Options** ➔ **Activate**/**Edit**/**Delete**.

Data roaming

Your phone automatically selects your (service providers) home network if within range. If not within range, you can use another network, provided your network operator has an agreement that allows you to do so. This is called roaming. Contact your service provider for more information.

1. Press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Data roaming**.
2. Select **On** to enable, or **Off** to disable.
3. Press **OK** to confirm.

> **IMPORTANT!**
>
> Using data services while roaming can be costly. Contact your service provider for data roaming rates before you use data roaming.

Bluetooth®

> **IMPORTANT!**
>
> When you are not using Bluetooth connectivity, select **Power** ➔ **Off** or select **Visibility** ➔ **Off**. Do not pair with an unknown device.

Activate Bluetooth

1. Press **Menu** ➔ **Settings** ➔ **Bluetooth** ➔ **Power**.
2. Select **On** to enable, or **Off** to disable.

Visibility

1. Press **Menu** ➔ **Settings** ➔ **Bluetooth** ➔ **Visibility**.

2. Select **On** to make your device visible to other devices, or **Off** to be invisible.

Note! To prevent other devices from finding your device, select **Off**. Even if you select **Off**, paired devices can still detect your device.

My device
Search for available Bluetooth devices or view saved.

1. Press **Menu** ➜ **Settings** ➜ **Bluetooth** ➜ **My device**.
2. Select **Search new device** to search for available Bluetooth devices.
3. Select a device from the list and press **Pair** to connect.
4. When connecting to another Bluetooth device you may need to enter a password. Enter the password and press **OK**.
5. Select a device from the list and press **Options**:
    *   **Connect**/**Disconnect** to connect/disconnect with the selected device. This may require a profile, usually a headset.
    *   **Service list** to view available services on the connected device.
    *   **Rename** to change the name of the device.
    *   **Authorize** to authorize the connected device.
    *   **Delete** to delete the device from the list.
    *   **Delete all** to delete all devices from the list.

My name
1. Press **Menu** ➜ **Settings** ➜ **Bluetooth** ➜ **My name**.
2. Enter the name your Doro 540X should appear with for other Bluetooth devices.
3. Press **Options** ➜ **Done** to confirm.

Advanced
Audio path
1. Press **Menu** ➜ **Settings** ➜ **Bluetooth** ➜ **Advanced** ➜ **Audio path**:
    *   **Leave in phone** to answer incoming calls with the phone.
    *   **Forward to Bluetooth headset** to forward incoming calls to the Bluetooth device.
2. Press **OK** to confirm.

Sharing permission

1. Press **Menu** ➜ **Settings** ➜ **Bluetooth** ➜ **Advanced** ➜ **Sharing permission**:

    *   **Full control** to allow a connected device to read/write/delete on your phone.
    *   **Read only** to allow a connected device to only read your phone.
2. Press **OK** to confirm.

My address

Displays your phones hardware address, also called the MAC address. This address can be used to identify your phone if there are more than one device with the same name.

Files

Manage the contents and properties of files. You can open, delete, move, copy and rename files.

1. Press **Menu** ➜ **Settings** ➜ **Files**.
2. Select **Phone/Memory card** ➜ **Open**.
3. Select a folder, eg **Photos** and press **Open**.
4. Select a file and press **Options**:

    *   **Play** (audio/video/music), use the arrow keys for media control.
    *   **View** (photos/images) for single view.
    *   **Image information** to view detailed information about an image, e.g. date, size, resolution.
    *   **Edit** to edit . Press **Options** for the available options.
    *   **Send** ➜ **As multimedia message** to send as picture message/ **Via Bluetooth** to send to a Bluetooth device/**As Email** to send as email.
    *   **Use as** ➜ for available options.
    *   **New folder** to create a new folder.
    *   **Rename** to rename the file.
    *   **Delete** to delete the file.
    *   **Sort by** ➜ for available options.
    *   **Mark several** to select and do actions for more than one contact.
    *   **Copy/Move** ➜ select destination folder ➜ **Select**.

- **Delete all files** to delete all files in selected folder.
- **Details** to view detailed information about the file, e.g. date, size, copyright.

5. Press **OK** to confirm.

Supported formats:

- Picture format: BMP/GIF/JPG/PNG. Photos taken with the built in camera are saved as JPG.
- Audio format: WAV/AMR/MIDI/MP3/AAC/AAC+. Recordings made with the built in sound recorder are saved as AMR.
- Video format: AVI/MP4/3GPP.

Torch button setting

You must firstly change function of the button to **Assistance mode** before it's possible to configure the assistance feature. See *Assistance settings*, p.14 on how to configure the assistance feature.

1. Press **Menu** ➜ **Settings** ➜ **Torch button setting**.
2. Select **Torch mode** or **Assistance mode**.
3. Press **OK** to confirm.

Organiser

The ✓ **Organiser** menu contains **Calendar**, **Alarm**, **Notes** and **Tasks**

Calendar

Add event

1. Press **Menu** ➜ **Organiser** ➜ **Calendar** ➜ **Options** ➜ **Add event**:
    - Select type of event.
    - Enter start date and time.
    - Enter end date and time.
    - Enter subject.
    - Set if the event should have an alarm.
    - Set if the event should be recurring.
    - Enter if the event should have a location.
    - Enter if the event should have any further details.
2. When done, press **Save**.

Options

1. Press **Menu** ➔ **Organiser** ➔ **Calendar** ➔ **Options**:

   - **View** to show tasks for the selected date.
   - **View all** to show all tasks.
   - **Delete event** to delete one or more events.
   - **Jump to date** and enter the date.
   - **Go to today** to go to actual date.
   - **Jump to date** and enter the date.
   - **Go to weekly view**/**Go to monthly view** to switch view

Note! The calendar reminders will work even when the phone is powered off.

Alarm

1. Press **Menu** ➔ **Organiser** ➔ **Alarm** ➔ select an entry **On**.

   - Set the alarm entry to **On** or **Off**
   - Enter the alarm time using the keypad.
   - Set if the alarm should be repeated.
   - Set alarm tone.
   - Set alarm type.
2. Press **Done**.

Snooze or turn off

- 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 will work even when the phone is switched off.

Notes

1. Press **Menu** ➔ **Organiser** ➔ **Notes** ➔ **Add**.
2. Enter your note using the keypad, see *Enter text*, p.6.
3. Press **Options** ➔ **Done** to confirm.

Tip: For more options select an existing entry, and press **Options**.

Tasks

Add task

1. Press **Menu** ➔ **Organiser** ➔ **Tasks** ➔ **Add**:

- • Enter date and time.
- • Enter subject, see *Enter text*, p.6.
- • Set if the task should have an alarm.
- • Set if the task should be recurring.
- • Set the priority for the task.
- • Enter if the task should have any further details.
- • Set the status for the task.

2. When done, press **Save**.

Note! The task reminders will work even when the phone is powered off.

Additional functions

Media
Use 🎵 **Media** to play to different media files, such as music or other audio as well as movies.

FM Radio
The 📻 **FM Radio** has a frequency range from 87.5 to 108.0 MHz. To listen to the radio you need to connect a compatible headset that works as antenna.

Tip: Press ⌢ to return to standby mode. The radio will continue to play.

More
Press **Menu** ➜ **More** ➜ for the various features.

Recorder
Use **Recorder** to record memos and messages. Use the navigation keys to control the recording.

Calculator
The calculator can perform basic mathematical operations.

1. Enter the first number. Use **#** to enter decimal points.
2. Use the navigation keys to select an operation (+, -, x, ÷) .
3. Enter the next number and press **OK**.
4. Repeat steps 2–4 as necessary.
   Press **OK** to calculate the result.

Convert

Use the **Unit converter** to convert different entities.

Torch

Press **On**/**Off** to turn on/off.

Note! Press and assistance/torch button to turn on the torch. Press again to turn off.

The assistance feature and torch shares the same physical button. When you first startup the phone the button is set for the torch feature. You must set the function of the button to **Torch mode** to use it for the torch feature. See *Torch button setting,* p.35.

The torch will drain the battery very quickly. Remember to turn off the torch after use.

Stopwatch

1. Press **Options** ➡ to select **Split timing** or **Lap timing**.
2. Start the timing with **OK**.
3. Use **Split**/**Lap** if wanted.
4. Pause with **Pause** and resume with **OK**.
5. Stop with **OK**.

Press **Options** for more options.

Safety instructions

⚠ CAUTION
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 WCDMA 900/1900/2100 MHz, GSM 850/900/ 1800/1900 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.
- Should not carry the phone 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

This device has been tested to comply with the Sound Pressure Level requirement laid down in the applicable EN 50332-1 and/or EN 50332-2 standards.

⚠ 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.

GPS/Location based functions

Some products provide GPS/Location based functions. Location determining functionality is provided "As is". No representation or warranty are made as to the accuracy of such location information. Use of location-based information by the device may not be uninterrupted or error free and may additionally be dependent on network service availability. Please note that functionality may be reduced or prevented in certain environments such as building interiors or areas adjacent to buildings.

⚠ CAUTION
Do not use GPS functionality in a manner which causes distraction from driving.

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.

Protect your personal data

Protect your personal data and prevent leakage or misuse of sensitive information

- While using your device, be sure to back up important data.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.
- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.
- Check your accounts regularly for unapproved or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.
- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

Malware and viruses

To protect your device from malware and viruses, follow these usage tips. Failure to do so may result in damages or loss of data that may not be covered by the warranty service.

- Do not download unknown applications.
- Do not visit untrusted websites.
- Delete suspicious messages or email from unknown senders.
- Set a password and change it regularly.
- Deactivate wireless features, such as Bluetooth, when not in use.
- If the device behaves abnormally, run an antivirus program to check for infection.

- Run an antivirus program on your device before you launch newly-downloaded applications and files.
- Do not edit registry settings or modify the device's operating system.

Care and maintenance

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

- Do not immerse the device in water deeper than 1 m and keep it submerged for more than 30 minutes.
- Do not expose the device to water moving with force, such as running water from taps, ocean waves, or waterfalls.
- Do not open the device's covers when the device is in water or in very humid places, such as swimming pools or bathrooms.
- Do not open the back cover using wet hands or when the device is wet.
- The red rubber seal fitted on the phone is an important component of the device. Take care when opening and closing the back cover to avoid damaging the rubber seal. Also, ensure that the rubber seal is free from foreign objects, such as sand or dust to prevent damage to the device.
- If the device is exposed to clean water, dry it thoroughly with a clean, soft cloth. If the device is exposed to other liquids, rinse it with clean water and dry it thoroughly with a clean, soft cloth. If you do not follow these instructions, the device's performance and appearance may be affected.
- The back cover may be loosened if the device is dropped or receives an impact. Ensure that all the covers are properly aligned and tightly closed.
- If the device has been immersed in water or the microphone, speaker, or receiver is wet, sound may not be heard clearly. Wipe the device dry.
- The water-resistant design of the device can cause it to vibrate slightly in certain conditions, for example when the volume level is high. This is due to the protective membranes and is normal and do not affect the device's performance.
- Some features may not work properly if the device is used in water.
- Your device has been tested in a controlled environment and certified to be water- and dust-resistant in specific situations (meets requirements of classification IP67 as described by the international standard IEC 60529). Despite this classification, it is still possible for your device to be damaged in certain situations.
- 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 and can damage the electronic circuits.
- Do not try to open the unit in any other way than that which is indicated here.
- Do not use strong chemicals to clean the unit.
- Do not disassemble, open, crush, bend, deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.

- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per IEEE-Std-1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Improper battery use may result in a fire, explosion or other hazard.

For devices that utilize a USB port as a charging source, the device's user manual shall include a statement that the device shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

The advice applies to the unit, battery, power 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.

Warranty

This product is guaranteed for a period of 24 months and for original accessories for a period of 12 months (such as the battery, charger, charging cradle or handsfree kit) which may be delivered with your device, from the date of purchase. In the unlikely event of a fault occurring during this period, please contact the place of purchase. Proof of purchase is required for any service or support needed during the guarantee period.

This guarantee will not apply to a fault caused by an accident or a similar incident or damage, liquid ingress, negligence, abnormal usage, non-maintenance or any other circumstances on the user's part. Furthermore, this guarantee will not apply to any fault caused by a thunderstorm or any other voltage fluctuations. As a matter of precaution, we recommend disconnecting the charger during a thunderstorm.

Please note that this is a voluntary manufacturer's warranty and provides rights in addition to, and does not affect statutory rights of end-users.

This guarantee does not apply if batteries other than DORO original batteries are used.

Specifications

Network bands (MHz)
[maximum radio-frequency power/dBm]:

2G GSM	850 [33], 900 [33], 1800 [30], 1900 [30]
3G UMTS	1 (2100) [24], 2 (1900) [24], 8 (900) [24]

Bluetooth (MHz) [maximum radio-frequency power/dBm]:	3.0, (2402 - 2480) [10]
IP Rating	IP67
Display size/resolution:	2.4", 240 x 320
Glass:	Corning® Gorilla® Glass 3
Dimensions	132 mm x 59 mm x 16 mm
Weight	130 g (including battery)
Battery	3.7 V / 1400 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)

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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: 0.774 W/kg

Body SAR: 0.782 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.

The World Health Organization (WHO) has stated that current scientific information does not indicate the need for any special precautions when using mobile devices. If you are interested in reducing your exposure, they recommend you reduce your usage or use a hands-free accessory to keep the device away from your head and body.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)
(Applicable in countries with separate collection systems)

This marking on the product, accessories or manual indicates that the product and its electronic accessories (e.g. charger, 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.

Correct disposal of batteries in this product

(Applicable in countries with separate collection systems)

The marking on the battery, manual or packaging indicates that the battery in this product should not be disposed of with other household waste. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

Doro 540X (1011)

English

Version 1.0

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