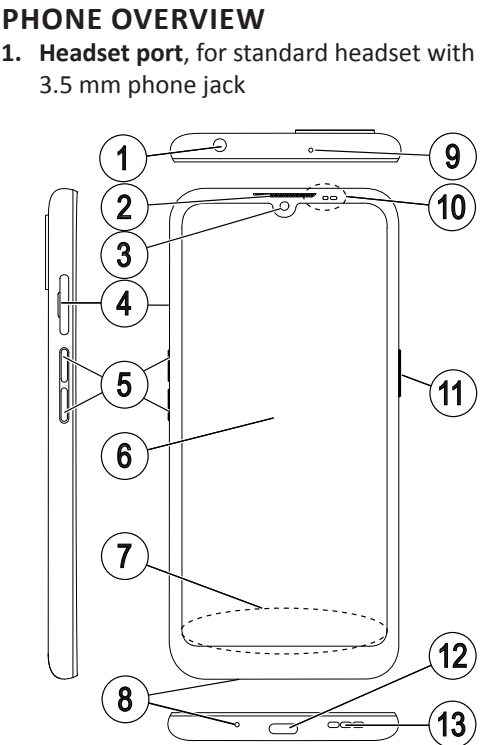


Doro 8200

Quick Start Guide

English



1. UNBOX YOUR NEW PHONE

The first step is to unbox the phone and assess the items and equipment included in the delivery. Make sure to read through the manual so you can familiarise yourself with the equipment and the basic functions. For the full manual please visit www.doro.com/support/ or contact our Helpline. The items supplied with the device and any available accessories may vary depending on the region or service provider.

- The supplied items are designed for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Doro retailer. Make sure they are compatible with the device before purchase.

2. GETTING STARTED

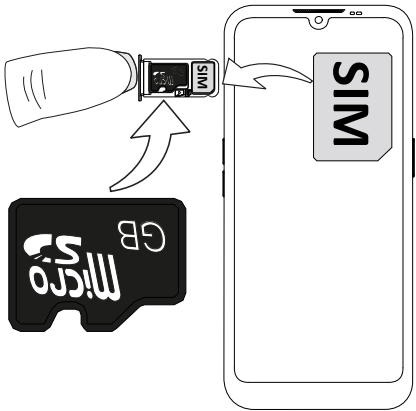
Before you start using your new phone you may need:

- **Nano SIM card.** To take full advantage of your new smartphone's capabilities, you should install a SIM card. The SIM card will enable you to place calls or use mobile data to connect to various Internet services. Your mobile service provider will give you a card and the codes needed for it (PIN and PUK) when you buy a mobile contract or a prepaid SIM card. Make sure you get a suitable contract that fit your needs regarding calls and mobile data.
- **Memory card (optional).** You can use a memory card (MicroSD) to increase the storage space of your phone to be able to store more files, pictures, videos etc. Insert a memory card, reboot your device and follow the instruction to select how to use your memory card. We suggest you to use a high speed memory card.

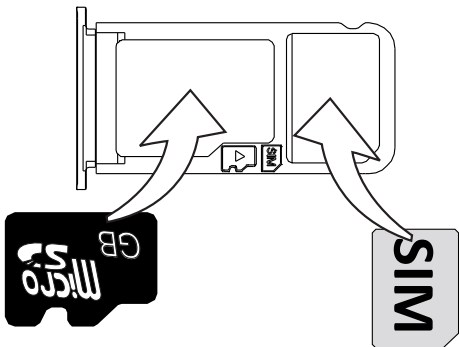
- **Google Account:** To be able to fully use your new smartphone you need a Google Account. If you don't have one yet, no worries, as you will be guided through an account setup when starting the phone for the first time. It can however be a good idea to think of a Username and Password as these will be used for many services, such as *Gmail, YouTube, Google Maps, Google Drive, Google Photos* and other Google products.
- **Wi-Fi access.** If you have a Wi-Fi access point available, it's always good to connect to that to reduce costs for data traffic and possibly increase data speed.

3. INSERT SIM CARD (NOT INCLUDED) AND MEMORY CARD (OPTIONAL AND NOT INCLUDED)

- a. Use your fingernail or other similar object, to gently pull out the SIM/memory card tray.

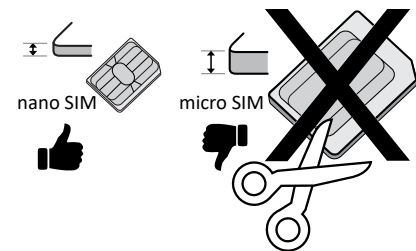


- b. Place the SIM card into the correct tray slot to ensure that it can be recognized by the phone.



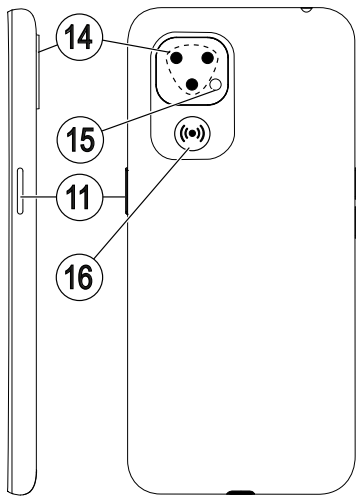
Make sure that the SIM card's contacts are facing downwards and that the cut off corner is down, as shown. Take care not to scratch or bend the contacts on the SIM card.

This device only accepts nano SIM card (4FF). Using a modified incompatible card that is thicker than a nano SIM card may damage the card itself, the card slot and corrupt any data stored on the card.



- c. You may also optionally place a memory card in the tray. Make sure that the memory card's contacts are facing downwards, as shown. Compatible card type: MicroSD, MicroSDHC, MicroSDXC.
- d. Insert the SIM card tray back into its slot.

2. **Earpiece**, for phone calls with the phone by the ear
3. **Front camera**, selfie camera
4. **SIM/SD card tray**
5. **Volume buttons**



4. CHARGE YOUR PHONE

Charge your phone. Your phone may already come with enough charge to be powered on right out of the box, but we recommended to give it a full charge before first using it.

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.

Insert the small end of the included USB cable into the charging port on the phone and other end into the wall charger that you plug into to a wall socket.

5. TURN ON THE PHONE

Note! When turning on your phone, the installed applications may need to be updated. Application updates requires Internet connection and can take a few minutes. A Wi-Fi connection is preferable. The phone may appear a bit slow during the update.

- Press and hold the power button until the display lights up.
- Wait for the phone to start.
- Enter your SIM card PIN if requested.
- Follow the setup guide to get on the Internet and start personalising your new phone.
- Sign in with an existing Google Account or setup a new account.

6. STARTUP GUIDE

The first time you turn on your phone, a Startup guide is launched. Follow the instructions to start personalising your new phone.

In the beginning you will get a question asking "Is it your first time using a Smartphone?".

- If you select "Yes, I am a beginner", you will get some instructions on how to navigate a Smartphone and how to handle the touch screen.
- If you select "No, I have already used one" or "I'm setting up the phone for someone else" you will go directly to the settings.

Don't forget to optimise your phone during the startup guide. You can adjust the display settings to best suit your vision as well as adjust the audio for your hearing.

Already at the age of 50 it is normal to have a hearing loss at the high frequencies, so why not try our optimised sound profile called **Doro ClearSound**.

6. **Touch display**
7. **Navigation bar, with Home-/Back-/Recent apps-buttons**
8. **Microphone**
9. **Second microphone**
10. **Proximity sensor**, turns off the display when the phone is held by the ear
- Light indicators**, lights up for different notifications
11. **Power button**, press and hold to turn phone on/off
12. **USB Type-C**, for battery charging or connection to other devices like a computer
13. **Loudspeaker**, for hands-free mode
14. **Rear camera**
15. **Flash**
16. **Assistance button**, must be setup before use, see full manual for more information

Navigation mode

You will also be able to select what type of navigation mode to use for your phone.

- Doros patented senior friendly, action-based interface, EVA.
- Android™ interface, if you have used a Smartphone previously and don't need the simplified Doro interface.

Note! Once the navigation mode is chosen it won't be possible to change it back from the settings. You can still organise the apps as you wish by drag and drop from the appdrawer.

Now that you have successfully set up your new Doro! Please consider to recycle your previous product, see more at "Recycle"

7. THE ASSISTANCE BUTTON

The Assistance button (👁️) on the back of the phone allows easy access to contact your predefined **Responders** (family and friends) if you should need help. The function relies on that the **Responder** of an assistance alert has the smartphone app, **Response by Doro**, installed on their smartphone and the link with your phone is setup. See **Response by Doro** in the full manual on how to set it up.

8. HARDWARE REBOOT

This device has an internal battery and therefore the hardware cannot be rebooted by the removal of the battery. Should you need to reboot the hardware, if your device becomes frozen and unresponsive, press and hold the **Power button** and the **Volume Up** key simultaneously for more than 10 seconds to reboot it. After the device is rebooted, it will restart automatically.

9. HELP AND MORE SUPPORT

Press **Help** ⓘ to find step by step tutorials for you to discover more features of your phone.

Your new phone runs on Android™ mobile platform. Android is a mobile operating system developed by Google. It is designed primarily for touchscreen devices such as smartphones and tablets.

You can find more help regarding Android on <https://support.google.com/android/>.

Android is also associated with a suite of software developed by Google, that are pre-installed on this device. This includes Gmail, Google Play, Google Chrome and more.

You can find more help regarding the Google apps on: <https://support.google.com/>. Select the app you need help with.

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 4G LTE FDD 1 (2100), 2 (1900), 3 (1800), 7 (2600), 8 (900), 20 (800), 28 (700) MHz / 4G LTE TDD 38 (2600), 40 (2300) / WCDMA 1 (2100), 2 (1900), 5 (850), 8 (900) 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.

Wi-Fi (WLAN)

This equipment may be operated in all European countries.

The 5150 - 5350 MHz band is restricted to indoor use only in the following countries.

	AT	BE	BG	CH	CY	CZ	DE	DK	EE
	EL	FI	FR	HR	HU	IE	IS	IT	LI
	LT	LU	LV	ME	MK	MT	NL	NO	PL
	PT	RO	RS	SE	SI	SK	TR	UK(NI)	

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-Polymer battery

This product contains a Li-Polymer 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. Do not charge the battery unattended. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

Removing/replacing the battery

- To remove/replace the battery, contact an authorised service centre. Please find latest information at www.doro.com.
- For your safety, you must not attempt to remove the battery. If the battery is not properly removed, it may lead to damage to the battery and device, cause personal injury, and/or result in the device being unsafe.
- Doro does not accept liability for any damage or loss if these warnings and instructions are not followed.

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.



WARNING

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.

- Protect the unit from moisture. Rain, snow, humidity, and all types of liquids can contain substances that corrode the electronic circuits. If the unit gets wet, you should immediately power off the phone.
 - 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 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 drop or shake the unit. If it is treated roughly the circuits and precision mechanics can be broken.
 - 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. 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.
 - 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.

Device OS software warranty

By using the device, you accept to install any OS software updates provided by Doro, at earliest possibility after notification.

By updating your device, you help to maintain your device secure.

Doro will keep updates available for the duration of the guarantee/statutory warranty period, providing that this is possible from a commercial and technical perspective.

Your device checks for available software updates automatically. Please follow the on-screen instructions when you are notified of an OS software update.

Please note:

- In some cases, regular OS upgrades may cause delays to planned security updates.
- Doro will always do our best to deliver the security updates at earliest possible time to applicable models. Delivery time of security patches may vary depending on the regions, S/W variants and models.



CAUTION:

If you neglect to update your device after being notified, it may void your guarantee of the device. For software update planned schedule, refer to website: doro.com/softwareupdates

COPYRIGHT AND OTHER NOTICES

Copyright© 2021 Doro AB. All rights reserved.

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Wi-Fi is a registered trademark of the Wi-Fi Alliance.

Google, Android, Google Play, Google Chrome, and other marks are trademarks of Google LLC.

Other product and company names mentioned herein may be the trademarks of their respective owners.

Any rights not expressly granted herein are reserved. All other trademarks are property of their respective owners.

The contents of this document are provided “as is”. Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability or contents of this document. Doro reserves the right to revise this document or withdraw it at any time without prior notice.

To the maximum extent permitted by applicable law, under no circumstances shall Doro or any of its licensors be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

Doro does not provide a warranty for or take any responsibility for the functionality, content, or end-user support of third-party apps provided with your device. By using an app, you acknowledge that the app is provided as is. Doro does not make any representations, provide a warranty, or take any responsibility for the functionality, content, or end-user support of third-party apps provided with your device.

Content copyright

Be unauthorised copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorised or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Open source licenses

You are entitled to receive a copy of the source code of software licensed under an open source license that gives you the right to receive the source code for that software (for example GPL or LGPL) to you on an appropriate media, against an administrative fee covering Doro AB’s cost for handling the distribution and costs for media. Please direct such request to Doro AB, Open Source Software Operations, Jorgen Kocksgatan 1B, SE 211 20 Malmö, Sweden. To be valid, such a request must be made within three (3) years from the date of the distribution of this product by Doro AB, or in the case of code licensed under the GPL v3 for as long as Doro AB offers spare parts or customer support for this product model.

HEARING AID COMPATIBILITY

Note! For hearing aid compatibility, turn off Bluetooth connectivity.

This phone is hearing aid compatible. Hearing aid compatibility is not a guarantee that a specific hearing aid will work with a specific phone. Mobile phones contain radio transmitters that may interfere with hearing aid performance. This phone has been tested for use with hearing aids, for some of the wireless technologies that it uses, but there may be some newer wireless technologies that have not been tested yet for use with hearing aids. To ensure that a specific hearing aid works well with this phone, test them together before making a purchase.

The standard for hearing aid compatibility contains two types of ratings:

- M:** To use your hearing aid in this mode, make sure that your hearing aid is set to “M-mode” or acoustic coupling mode, and position the phones receiver near the hearing aid’s built-in microphone. For the best results, try using the phone in different positions relative to your hearing aid—for example, placing the receiver slightly above the ear may result in better performance for hearing aids with microphones positioned behind the ear.
- T:** To use your hearing aid in this mode, make sure that your hearing aid is set to “T-mode” or telecoil coupling mode (not all hearing aids have this mode). For the best results, try using the phone in different positions relative to your hearing aid—for example, placing the receiver slightly below or in front of the ear may result in better performance.

Your device meets the M4/T3 level rating.

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: 0.4 W/kg

Body SAR: 1.49 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.

RECYCLE

Doro takes responsibility for the entire life cycle of our products including how they are recycled at end of their life. Your previous product can still be useful for someone else and, if it has reached its end of life, materials that can be used for new products. We recommend to first-hand reuse, repair or refurbish your device, and if this is not possible leave it for recycling according to local regulations. Also remember to recycle other old non-used electronics that you might have.

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.

EU DECLARATION OF CONFORMITY

Hereby, Doro declares that the radio equipment type DSB-0440 (Doro 8200) is in compliance with Directives: 2014/53/EU and 2011/65/EU including delegated Directive (EU) 2015/863 amending Annex I.

The full text of the EU declaration of conformity is available at the following internet address: www.doro.com/dofc.

ECODESIGN DECLARATION, ENERGY EFFICIENCY FOR EXTERNAL POWER SUPPLY

Hereby, Doro declares the external power supply for this device is in compliance with Commission Regulation (EU) 2019/1782 regarding ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC.

The full information regarding the ecodesign requirements is available at the following internet address: www.doro.com/ecodesign

UK DECLARATION OF CONFORMITY

Hereby, Doro declares that the radio equipment type DSB-0440 (Doro 8200) is in compliance with the relevant UK legislation.

The full text of the UK declaration of conformity is available at the following internet address: www.doro.com/dofc

SPECIFICATIONS

Network bands (MHz) [maximum radio-frequency power/dBm]:	900 [34], 1 800 [31.5], 850 [34], 1 900 [31.5]
2G GSM	
3G UMTS	1 (2 100) [25], 2 (1 900) [25], 5 (850) [25], 8 (900) [25]
4G LTE FDD	1 (2 100) [23.5], 2 (1 900) [23.5], 3 (1 800) [23.5], 7 (2 600) [23.5], 8 (900) [23.5], 20 (800) [23.5], 28 (700) [23.5]
4G LTE TDD	38 (2 600) [23.5], 40 (2 300) [23.5]
Wi-Fi, band (MHz) [maximum transmit power, dBm]:	IEEE 802.11 a/b/g/n/ac [2 412–2 472] [18] (5150-5250) [15] (5725-5850) [15]
Bluetooth, version (MHz) [maximum transmit power, dBm]:	5.2 (2 402–2 480) [8]
NFC, (MHz) [maximum transmit power, dBm]:	(13.56) [-22.65 dBµA/m @10 meters]
GPS receiver:	A-GPS/GPS/BeiDou/Galileo/GLONASS
Operating system:	Android™ 12
SIM card size	nano-SIM (4FF)
Dimensions:	156 x 73 x 9 mm
Weight:	169 g (including battery)

Battery:	3.85 V / 3000 mAh Li-Polymer battery
Image format:	JPG, PNG, GIF, BMP, WebP
Video format:	MP4, MKV, AVI, 3GP, FLV, MOV
Audio format:	MP3, WAV, OGG, AMR, FLAC, APE, M4R
Audio recording format:	MP3, AAC, AMR
Rear camera resolution (multiple)	
Main lens:	16 MP
Portrait lens:	2 MP
Macro lens:	2 MP
Front camera resolution:	5 MP
Camera digital zoom:	4x
Display: Size	6.1”
Resolution	720 x 1560
Colour Depth	16 M
RAM:	4 GB
Internal memory:	64 GB
External memory	MicroSD, microSDHC, microSDXC: max. 512 GB
Sensors:	Accelerometer (G-sensor), Light sensor, Proximity sensor, Hall sensor, Compass (Magnetic sensor)
USB Interface:	USB-C
Headset connector:	3.5 mm Stereo
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)

Model: DSB-0440

Doro 8200 (1021)

English (EN)

QSG_Doro_8200_en_A7-A3_v10_1021

www.doro.com

