

QUICK START MANUAL_EN
SCHNELLSTARTANLEITUNG_DE



RugGear®
RG500



CONTENT

SAFETY INSTRUCTIONS

1	Introduction.....	5
2	Faults and damages.....	6
3	Further safety advises.....	7

QUICK START

4	Keys.....	9
5	First steps.....	10
5.1	Battery.....	10
5.1.1	Installing and extracting the battery.....	10
5.1.2	Charging the battery.....	11
5.1.3	Battery use.....	11
5.2	Installation of the SIM cards.....	12
5.3	Installation of the microSD card.....	12

FIRST USE

6	First use.....	12
6.1	Powering on your phone.....	12
6.2	Powering off your phone.....	13
6.3	Locking and unlocking the phone.....	13
6.4	Using the touchscreen.....	14
6.5	Connecting the phone with a computer.....	15

DISPLAY LAYOUT

7	Display layout	15
7.1	Status bar	16
7.1.1	Notification panel	17
7.2	Quick access panel	18
7.3	Home screen	18
7.3.1	Adding a new screen item	18
7.3.2	Moving a screen item	19
7.3.3	Removing a screen item	19
7.3.4	Creating a folder	19
7.3.5	Renaming a folder	19
7.3.6	Changing the wallpaper	20

INFORMATION

8	Specifications	20
9	Troubleshooting	21
10	Maintenance	23
11	SAR	24
	Service center	26

2_FAULTS AND DAMAGES

If there is any reason to suspect that the safety of the phone has been compromised, it must be withdrawn from use immediately.

Measures must be taken to prevent any accidental restarting of the phone.

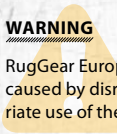
The safety of the phone may be compromised if, for example:

- ✦ malfunctions occur.
- ✦ the housing of the phone or the battery shows damage.
- ✦ the phone has been subjected to excessive loads.
- ✦ the phone has been stored improperly.

3_FURTHER SAFETY ADVISES

- ✦ Do not touch the screen of the phone with sharp objects. Dust particles and dirt may scratch the screen. Please maintain the screen clean. Remove dust on the screen with a soft cloth gently and do not scratch the screen.
- ✦ Charge the phone under indoor conditions only.
- ✦ Please do not put the phone in environments with excessive temperatures as this could lead to heating of the battery, resulting in fire or explosion.
- ✦ Do not charge the phone near any flammable or explosive substances.
- ✦ Do not charge the phone in environments with much dust, humidity, or excessively high or low temperatures (the permitted charging temperature range is 0 °C – 45 °C).
- ✦ Do not use the phone in areas where regulations or legislatives prohibit the use of a mobile phone.
- ✦ Do not expose the phone, the battery or the charger to strong magnetic fields, such as are emitted from induction ovens or micro-waves.
- ✦ Do not attempt to open or repair the phone. Improper repair or opening can lead to the destruction of the phone, fire or explosion. Only authorized personnel are allowed to repair the phone.
- ✦ Only use accessories approved by RugGear Europe GmbH.
- ✦ Please do not connect the poles of the battery directly, to avoid short-circuiting the battery.
- ✦ Power off the phone in hospitals or other places where the use of mobile phones is prohibited. This phone may affect proper work of medical equipment, like pacemakers, so always keep a distance of at least 15 cm between the phone and these devices.

- ✦ Observe all corresponding laws that are in force in the respective countries regarding the use of mobile phones while operating a vehicle.
- ✦ Please power off the phone and disconnect the charging cable before cleaning the phone.
- ✦ Do not use any chemical cleaning agents to clean the phone or the charger. Use a damp and anti-static soft cloth for cleaning.
- ✦ Do not discard old and abandoned lithium batteries into the trash, send them to designated waste disposal locations or return them to RugGear Europe GmbH.
- ✦ The user alone is responsible for any and all damages and liabilities caused by malware downloaded when using the network or other data-exchange functions of the phone. RugGear Europe GmbH cannot be held responsible for any of these claims.



WARNING

RugGear Europe GmbH will not assume any liability for damages caused by disregarding any of these advices or by any inappropriate use of the phone.

4_KEYS



1_Power:

Lock the phone. Long press to power on and off the phone.

2_Menu:

Bring up a list of options.

3_Home:

Returns to the Home Screen. Long press to see a list of last accessed apps.

4_Back:

Return to the previous screen.

5_Volume:

Context-sensitive volume regulation.

6_SOS:

prepared for emergency call function, additional paid application necessary.

7_PTT:

prepared for push to talk function, additional paid application necessary.

5_FIRST STEPS

5.1_BATTERY

The battery is inserted into the back of the phone. The battery is not fully charged when the phone is purchased, but it contains enough energy to power on the phone. To obtain best battery performance and battery life, let the battery discharge completely before charging it completely for the first three charging cycles.

5.1.1_INSTALLING AND EXTRACTING THE BATTERY

When installing the battery, insert the teeth at the bottom of the battery into the corresponding notches of the phone, then put the battery inside and press the battery down. Next, insert the battery cover in the same way and secure it by turning the two screws with the delivered screw driver. Ensure that both – battery and battery cover – is safely in place before powering on the phone.



5.1.2_CHARGING THE BATTERY

- Connect the USB-cable with the phone as indicated in the picture.
- Connect the plug with the socket of the Power Supply.
- After charging, remove the USB-cable from the charger.



5.1.3_BATTERY USE

In actual use, the standby time and talk time of the phone varies with the network status, working environment and usage.

When the power of the battery is lower than normal, the phone will prompt you to charge it. Please charge the battery; otherwise you may lose any files which have not been saved.

If you do not charge for a long time, the phone will be powered off automatically.

WARNING

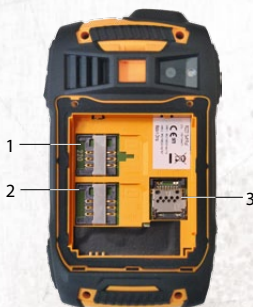
The phone may only be charged at ambient temperatures in a range from 0 °C – 45 °C. Please do not use charging equipment if the temperature exceeds this range. Only use the RugGear approved USB-cable and charger.

5.2 INSTALLATION OF THE SIM CARDS

The phone features two SIM card slots (1, 2). If you have installed two SIM cards, you can choose your primary card in *Settings* → *SIM management*.

5.3 INSTALLATION OF THE MICRO-SD CARD

Open the microSD card holder, and insert the microSD card into the slot (3), then close the microSD card holder.



WARNING

Do not try to insert or remove any of the SIM cards when any external power supply is connected, otherwise the SIM cards or the phone may be damaged.

6 FIRST USE

6.1 POWERING ON YOUR PHONE

Press the *Power key* until the screen lights up.

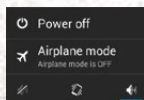
Depending on the security settings of your SIM card, the phone may ask you for your personal identification number (PIN) before starting up.

The first time you power on your phone, you may be prompted to assign a language, a date and a time zone and to enter your personal information.

You will also be asked to sign in or set up your Google™ account. You can do this later but please note that some of the functions of the phone like the Google Play™ Store depend on a Google™ account.

6.2_POWERING OFF YOUR PHONE

1. Press and hold the *Power* key to open the Phone options menu.



2. Tap *Power off*.
3. Tap *OK*.

6.3_LOCKING AND UNLOCKING THE PHONE

- Press the *Power* key to lock the phone. When the screen is locked, you can still receive messages and calls.

If you leave your phone undisturbed for a while, the screen will lock automatically.

- To unlock the phone, press the *Power* key again. After the screen has lit up, drag the lock icon to the unlock icon to unlock the phone.

Depending on your security settings, the phone may ask for a PIN to unlock. Please note that this is NOT the PIN of your SIM card, but a code that can be assigned under *System settings* → *Security* → *Screen lock*.

6.4 USING THE TOUCHSCREEN

This phone features a capacitive touchscreen. It is not necessary to press the screen for it to work, a simple touch is enough.

The following gestures can be used with this phone:

Tap

To open an application (app), or to enter a character using the on-screen keyboard, tap it with a finger.

Tap and hold

Tap and hold your finger to the screen for more than two seconds to access further options where available.

Drag

Tap an icon and hold your finger to the screen. Then drag it to where you would like to place it.

Double tap

Perform two taps onto a webpage or image to zoom in. Double tap again to zoom out.

Flick

Touch the screen and flick your finger left, right, up or down to scroll through available panels or lists.

Pinch

Touch the screen with two fingers near together. While touching the screen, put your fingers farther apart to zoom into a webpage or picture. Do the reverse to zoom out again.

6.5_CONNECTING THE PHONE WITH A COMPUTER

You can access the microSD card of the phone by any compatible computer via the USB cable. The card will be accessed as a mass storage device.

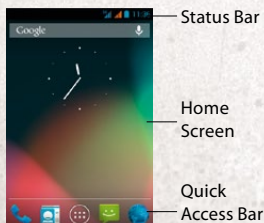
1. Connect your phone to the computer with the USB cable.
When connecting the phone to a computer for the first time, the computer will install the necessary drivers automatically.
2. Tap *turn on USB storage* in the dialogue box that opens on the phone and tap *OK* to confirm your choice. Your computer will detect the microSD card as a removable disc. You can now transfer files from and to the microSD card.

NOTE

While USB mass storage function is enabled, some functions of the phone may not be available.

7_DISPLAY LAYOUT

After you sign in or when you power on the phone, by default the Home Screen opens:



The Home Screen is your starting point to access all the features on your phone. It displays application icons, shortcuts and other features. You can customize the Home Screen and display the items you need.

7.1 STATUS BAR

The status bar appears at the top of every screen.

On the right side, it displays phone status icons, such as the status of the battery, GPS, data or mobile connections and the time.

On the left side, it displays notification icons, such as missed calls or received messages.

STATUS ICONS



SIM1 or SIM2 current signal status, type (E for Edge, 3G for UMTS, H for HSDPA) and strength



Wi-Fi connection status and signal strength



Bluetooth® connection status



Airplane mode (all wireless interfaces are off)



Battery power level indicator



GPS is receiving location data



Vibration alert only



Silent mode (no ringtone, no vibration alert)

NOTIFICATION ICONS



Missed calls



One or several new e-mails



One or several new SMS



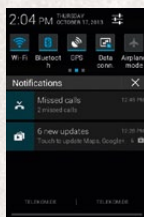
Alarm clock active



USB connection established

7.1.1_NOTIFICATION PANEL

Drag the Status Bar down to reveal the notification panel:



Your phone will notify you here when you receive a new message or when there is an upcoming event. The notification panel also informs you about alarms, settings and other relevant information.

Tap a notification to open a related application.

To remove notifications from the panel, swipe the notification to the left or to the right side of the panel.



Use the *settings icon* in the top right corner of the notification panel to access system settings.

To close the notification panel, drag the bottom of the panel to the top of the screen.

7.2 QUICK ACCESS PANEL

Shortcuts to apps placed here are visible on every panel of the Home Screen.



Tap on the *App icon* to open up the App Drawer. Here you can start any App with a tap on its icon.

7.3 HOME SCREEN

Here, you can place shortcuts to apps and widgets.

Widgets are small applications that provide functions and information on your Home Screen, like local weather, stock exchange information or email previews. To use them, add widgets from the App drawer in the Quick Access Panel.

NOTE

Some widgets connect to web services which might result in additional charges.

7.3.1 ADDING A NEW SCREEN ITEM

1. Tap on the *App icon* to open up the App Drawer.
2. Scroll for the app or widget you would like to add by flicking the screen left or right.
3. Tap and hold the icon of the item you want to use and wait until the screen changes to show your Home Screen.
4. Move the item to the desired place and lift your finger. To change to a different panel of yours Home Screen, move the item to the right or left border of the screen.

7.3.2 MOVING A SCREEN ITEM

1. Touch and hold an icon on the Home Screen until the icon enlarges.
2. Without lifting your finger, drag the icon to the desired position on the screen and release it.

NOTE

There must be enough space for the icon to fit on the current Home Screen.

7.3.3 REMOVING A SCREEN ITEM

1. Tap and hold an application icon on the Home Screen until the icon enlarges.
2. Drag the item to the top of the screen towards *Remove*.

7.3.4 CREATING A FOLDER

Drag the application icon or shortcut and drop it on top of another app icon. A folder containing both icons will be created. You can then add other icons into the folder.

7.3.5 RENAMING A FOLDER

1. Tap a folder to open it.
2. Tap the title bar of the folder.
3. Enter the new folder name.
4. Tap *Done* or press the *Back* key.

7.3.6_CHANGING THE WALLPAPER

On the Home Screen, tap and hold the screen to show options for the Wallpaper.

8_SPECIFICATIONS

Frequencies

Quad band
GSM/GPRS/EDGE
850/900/1800/1900 MHz
WCDMA/HSPA
900/2100 Mhz

Dimension

weight: 206 g,
size: 124 x 68.5 x 24 mm

Screen

3.2" (8.13 cm) RugDisplay-
Glass, rugged TFT-touch-
screen with a resolution of
320 x 480 pixel

Cameras

5 MP rear camera
0.3 MP front camera

Loudspeaker

amplified 1.5 watt, with 100 dB

Wireless technologies

Bluetooth®, Wi-Fi®, GPS, NFC

Battery

2060 mAh, standby 300 hrs.,
talktime 2G/3G:
468 min./210 min.

Memory

internal memory 4 GB ROM,
512 MB RAM, external
memory microSD up to 32 GB

Processor

MT6572 (Dual Core 1.2 GHz)

Temperature

operation range from
-20 °C to 60 °C

IP68

waterproof: 30 min. up
to 2 m, impervious to dust
and microparticles

MIL-STD-810G

2 m drop-protection,
impervious to dust and
microparticles

9_TROUBLESHOOTING

If problems occur when using the mobile, please try the following tips. If the problem is not solved, please contact your vendor or RugGear Europe GmbH directly.

THE PHONE CANNOT BE POWERED ON

- ✦ **The battery voltage is too low.**
Please recharge the battery.
- ✦ **The power on key is not pressed long enough.**
Please press power on key for more than three seconds.
- ✦ **The connection to the battery is bad.**
Please assemble the battery again or clean the contact points of the battery carefully.
- ✦ **The SIM card has a failure.**
Please check or replace the SIM card.

THE PHONE HAS INSUFFICIENT STANDBY TIME

- ✦ **The battery performance is reduced because of the age of the battery.**
Please contact your vendor or RugGear Europe GmbH for a replacement battery.
- ✦ **Too many programs running.**
Please reduce the number of running programme.

THE PHONE IS NOT CHARGING

✦ **Poor electrical contact.**

Please check and replace any dirty or broken plugs.

✦ **Input voltage is too low.**

Please charge for about one hour first, remove the plug, wait a minute and then continue charging. During this time it is possible that the phone cannot be powered on, as the voltage is too low.

✦ **A battery fault has occurred.**

Please replace the battery.

FAILURES DURING CALLS OCCUR

✦ **SIM Card failures occur.**

Please check the contacts of the SIM card or replace the card.

✦ **Network error.**

Please change to a network provider with a stronger signal.

OTHER PEOPLE ARE ANSWERING MY CALLS

✦ **The phone has been set into divert your calls to another phone number.**

Please check and cancel call divert.

THE PHONE POWERS OFF AUTOMATICALLY

✦ **The charge of the battery is too low.**

Please recharge the battery.

✦ **There was an error during operation.**

Please restart the phone. If the problem reoccurs, please contact your vendor or RugGear Europe GmbH directly.

10 MAINTENANCE

Thank you for using the **RG500**. If there is a problem with the phone, please contact your vendor or consult the service center. If your phone is in need of repair, you can either contact the service center or your vendor.

TRADEMARKS

- ▶ RugGear (Europe) and the RugGear (Europe) logo are registered trademarks of RugGear Europe GmbH.
- ▶ The Android logo, Google™ and Google Play™ Store are registered trademarks of Google, Inc.
- ▶ The Android robot is reproduced or modified from work created and shared by Google™ and used according to terms described in the Creative Commons 3.0 Attribution License.
- ▶ Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- ▶ Wi-Fi® is a registered trademark of the Wi-Fi Alliance.
- ▶ All other trademarks and copyrights are the properties of their respective owners.

RECYCLING

The crossed-out wheeled-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies in the European Union. Do not dispose of these products as unsorted municipal waste.

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help to prevent uncontrolled waste disposal and to promote the recycling of materials.

More detailed information is available from the product retailer, local waste authorities, national producer responsibility organizations, or your local RugGear Europe GmbH representative.

The content of this document is presented as it currently exists. RugGear Europe GmbH does not provide any explicit or tacit guarantee for the accuracy or completeness of the content of this document, including, but not restricted to, the tacit guarantee of market suitability or fitness for a specific purpose unless applicable laws or court decisions make liability mandatory. RugGear Europe GmbH reserves the right to make changes to this document or to withdraw it any time without prior notice.

11_ SPECIFIC ABSORPTION RATE (SAR) CERTIFICATION INFORMATION

This device meets international guidelines for exposure to radio waves

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organization (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption, or SAR. The SAR limit for mobile devices is 2.0 W/kg.

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:

Maximum SAR for this model and conditions under which it was recorded

▶ SAR (head)	0.650 W/kg (GSM1800)
▶ SAR (body - worn)	0.807 W/kg (GSM900)

During use, the actual 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 operating 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.

A body-worn SAR test has been performed on this device at a separation distance of 1.5 cm. To meet RF exposure guidelines during body-worn operation, the device must be positioned at least 1.5 cm away from the body.

Organizations such as the World Health Organization and the US Food and Drug Administration have suggested that if people are concerned and want to reduce their exposure, they could use a hands-free accessory to keep the wireless device away from the head and body during use, or they could reduce the amount of time spent using the device.