

ToughShield

R500+ Quick User Guide

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Notice

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of the local network, and therefore may not be activated or may be limited by local network operators or network service providers. Thus the descriptions herein may not match exactly the product or its accessories you purchased.

TOUGHSHIELD reserves the right to change or modify any information or specifications contained in this manual without prior notice and without any liability.

Safety Precautions

Please read these simple guidelines. Not following them may be dangerous or illegal.

	Do not switch the phone on where Mobile Phone use is prohibited or it may cause interference or danger.
	Do not place your phone and its accessories in containers with strong electromagnetic field.
	Obey all traffic laws. Always keep your hands free, to operate the vehicle while driving. Your first consideration while driving should be road safety.
	Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow all regulations and rules enforced.
	Do not use the phone at a refueling station. Do not use near fuel or chemicals.
	Follow all instructions. Wireless devices can cause interference in aircraft.
	Keep the phone and all its parts, including accessories, out of the reach of children. Do not use the phone while connected to the charger or with wet hand or bare feet.
	Use only approved batteries and chargers. Disconnect the charger from the power source when it is not in use. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life. Please remove the battery only after the phone is switched off normally, otherwise it could cause unpredictable damage to the phone.
	Only qualified personnel should service the phone. Faulty service may be dangerous and may invalidate any warranty applicable to the device.

Features

The R500+ offers the following features:

1. Toughshield Home Screen

The Toughshield Home Screen provides faster and easier access to features and applications. It allows users to tailor the interface to improve their requirements and maximize efficiencies.

2. Dual SIM

The R500+ is enabled with 2-SIM card slots for USIM/GSM use

3. Camera

The R500+ has a 5.0 Mpx rear and 0.3 Mpx front cameras

4. Bluetooth

The R500+ supports Bluetooth communication with headsets, printer, etc.

5. Wi-Fi

The R500+ has a built-in 802.11 B/G/N radio for connecting to wireless networks.

6. Accelerometer

The R500+ responds to movement using a built-in accelerometer. When you rotate the R500+ from portrait to landscape mode, the accelerometer detects the change and rotates the display accordingly.

7. NFC (Near Field Communications)

The R500+ supports NFC standards Read & Write and Peer-2-Peer data transfer.

8. Barcode Scanning

The R500+ supports 1D and 2D barcode scanning

9. Lone Worker Alarm

The R500+ has a dedicated and configurable Lone Worker Alarm button. **This feature depends on user activation (optional).**

Phone at a Glance



Getting Started for the First Time

The activation process is dependent upon your carrier. If you are using a GSM or UMTS carriers, you must install an appropriate SIM card prior to installing the battery.

To get started:

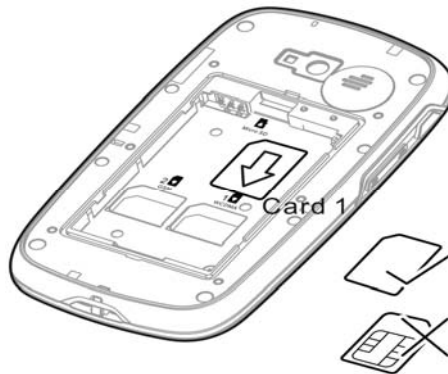
1. Remove the battery cover
2. Installing a microSD card (optional)



- A. Place the R500+ on flat surface
 - B. Using the screwdriver supplied, remove the securing screws
 - C. Remove the Battery Cover
 - D. Insert micro SD card into micro SD card slot (up to 32GB)
 - E. Insert the battery
 - F. Put back the battery cover and tighten the screws securely
3. Installing a GSM SIM card

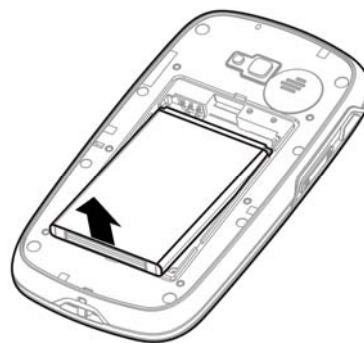


4. Installing a 3G SIM card.



- A. Place the R500+ on flat surface
- B. Using the screwdriver supplied, remove the securing screws
- C. Remove the Battery Cover
- C. Insert SIM card into WCDMA card slot 1, or GSM SIM card in slot 2
- D. Insert the battery
- E. Put back the battery cover and tighten the screws securely

5. Install the battery



- A. Place the R500+ on flat surface
- B. Using the screwdriver supplied, remove the securing screws
- C. Remove the Battery Cover
- D. Remove the battery from the packaging.
- E. Locate the battery contacts.
- F. Insert the battery into the battery housing with the contacts facing top left
- G. Press the top of battery into place.
- H. Put back the Battery Cover and tighten the screws securely

There is an approved 1500 mAh Li-ion Battery supplied

Charge the Battery

To charge the battery:

1. Select the appropriate adaptor connector of your country.
2. Plug the supplied Charging USB cable into the rectangular slot in the power supply.
3. Plug the power supply into AC wall outlet.
5. Lift rubber flap on the side of the R500+.
6. Plug the micro-USB connector into the USB port.
7. The LED indicator blinks **green** indicating that the battery is charging. When the battery is fully charged the LED indicator becomes solid green.

Carrier Activation

GSM/UMTS Activation

Upon start up, the R500+ looks for an installed SIM card

If a SIM card from a supported carrier is installed, the R500+ detects the installed SIM card and activates on the GSM/UMTS network and configures the data connections.

If a SIM card from an unsupported carrier is installed, the R500+ detects the installed SIM card and activates on the GSM/UMTS network, but the data connection and MMS connection information must be manually configured.

Refer to the R500+ User Guide for more information.

NOTE: If switching from one carrier to another, please refer to the R500+ electronic User Manual in the phone for detailed information.

Power Button

Use the Power button to place the R500+ in suspend mode or to power off the device.

Power Off

To power off the R500+, press the power button for at least five seconds. When the dialog box appears, tap Power Off.

LED Indicator

State Description

No light indicates that the battery is not charging or the R500+ is not connected correctly to a power source.

Steady Red

Indicates that the battery is charging.

Steady Green

Indicates that the battery is fully charged.

Blinking Red

If the LED indicator blinks red battery is dead and won't power on until device is charged for at least 15 minutes

Locking the Device

Lock the device to protect your information and to prevent unwanted key presses. You can set the Lock to access the device with or without a password.

The R500+ goes into lock mode when you press the Power button or after a pre-defined time-out.

When the R500+ is locked, you will still be notified of new messages, missed calls and upcoming appointments.

When you press the "Power" button to wake the R500+, the Lock screen displays. To unlock the R500+, enter your PIN or Swipe your finger across the Home Screen.

Set up your device to use Google Play

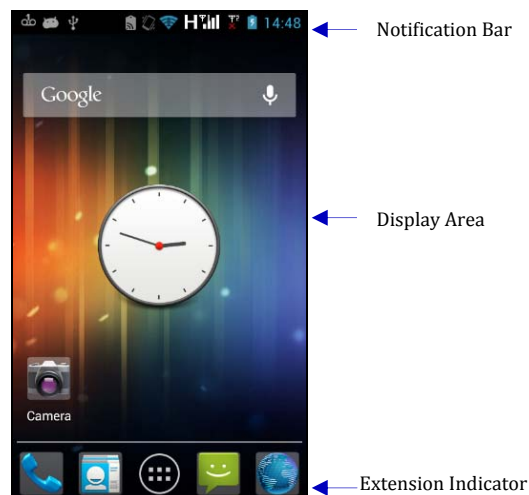
To use Google Play to download Android applications, you will need to have a Google account with a Google email (either Gmail or a Google-hosted domain) associated with your device. Follow these steps to add an existing Google account to your device or to create a new Google account for use with Google Play:

1. Tap the Google Play Store icon.
2. If you haven't added an email account to your device, you'll be prompted to "Add a Google Account."
3. Follow the instructions on the device, which will walk you through either signing into an existing Google account or creating a new Google account.

Once you have added your existing Google account or created a new account, you'll be able to use Google Play to download Android applications.

Toughshield Home Screen

The Toughshield Home screen provides a user interface that allows the user to quickly access information using customisable screens. Use your finger to slide the screen left to right or right to left to view additional screens.



By default, the R500+ contains four screens -

Home screen plus 3 additional screens

Home Screen

Press and hold finger on Home Screen => Dialogue Box will appear with 4 options that allows user to customise the screen (Shortcuts, Widgets, Folders and Wallpapers)

Program Shortcuts

- Selecting the shortcuts option will take the user to a separate dialogue box (Applications, Bookmark, Contact, Direct Dial, Direct Message, Music Playlist, Settings)
- Selecting the Applications option will then take the user to the list of installed applications on the R500+.
- Selecting an application will then create a shortcut on the Home Screen or current Screen

The user can add as many shortcuts to the screen as is permitted by the available space on that screen.

My Applications

Tap on an Application to open/launch it

Program Shortcuts

The Program shortcut buttons provide quick access to favorite programs. Tap the shortcut button to launch the program.

Refer to the R500+ User Guide for detailed information on configuring the Programs window and Program shortcuts.

Device Navigation Bar

The R500+ has a Navigation Bar with 4 permanent touch buttons. These are –

Home Button, Menu Button, Return/Go Back Button and the Search Button.

Settings

Applications => Settings

The Settings menu allows the user to configure and personalise the device. These include -

- Date and Time
- Wireless & Networks
- Call Settings
- Sound, Display
- SIM Card Settings
- Security
- Managing Applications
- Email Accounts & Synchronisation
- Privacy, Storage
- Device Language and Keyboard

Calling

To make a call:

1. Press the **Green** handset icon.

2. Use the on-screen dial-pad to enter the phone number. The number appears in the Call Line.
3. Press or tap the Green Handset Icon at the bottom of the dial-pad to start the call.
4. Press on the Red keypad to end the call.

In-coming Call Screen “Answer”

- To answer a call, slide the Green on-screen Icon from left to right.

Incoming Call Screen “Reject”.

- To reject a call, slide the Red on-screen Icon from right to left

Contacts

To add a new contact:

1. Tap Contacts.
2. Tap the Menu button on the Navigation Bar
3. Select a new Contact
4. Select where you want to save the contact e.g. to the Phone or the SIM Card
5. Enter the new contact details then Tap OK when finished.

Send an Email Message

Refer to the R500+ User Guide for Email set up procedures. To send an email:

1. Tap on Applications Icon => Tap E-mail Icon => Tap on Menu button on the Navigation Bar => Tap on Compose Button => type the name of the Recipient, Subject => Compose Email

Send an SMS or MMS Message

To send a text (SMS) or picture/video (MMS)

Message:

1. From the Home Screen Tap the Green Text Message Icon at the bottom right hand side of the screen
2. On the next Screen Tap the New Message Bar at the top
3. On the next Screen, enter the recipient details in the “To” Bar at the top
4. Type the Message or attach a Picture/Video in the “Type to compose” Bar at the bottom of the screen
5. To attach a Picture or Video in the Message Bar, tap the Menu button from the Navigation Bar => select the Attach Icon => Select the Picture/Video.
6. When you have finished press the SEND button on the right to send the message.

Take a Photo

To take a photo:

1. Press and hold the Camera button on the right side of your R500+ to activate the camera.
2. Rotate the R500+ to the horizontal position (for landscape orientation) and frame your subject.
3. Press the Camera button to capture the image.

Scan a Bar Code

To scan a 1D/2D bar code:

1. Launch a scan-enabled application.



2. Visit a Web Page.
3. To open the browser window tap on the browser application to launch the program.

4. In the Address field, enter a web address.

Connect to a Bluetooth Device

1. Ensure the device you are connecting with is in discoverable mode.
2. Tap Settings => Wireless & networks
3. Select Turn on Bluetooth checkbox.
4. Tap the Bluetooth settings bar
5. Tap the Scan for devices bar. The R500+ searches for Bluetooth devices in the area.
6. Select a device from the list.
7. The R500+ attempts to pair with the device
8. Enter the device passkey (e.g. 0000, 1234) to connect to the device, if requested.
9. Close Window

Connect to a Wi-Fi Network

To manage a wireless network on the R500+, tap Settings

- 1 Tap the Wireless & networks bar.
2. Turn on the Wi-Fi button.
3. Tap the Wi-Fi settings bar.
4. Under the Wi-Fi networks menu you will see a list of available networks to connect to.
5. Tap the wireless network you wish to connect to and if prompted, enter the network key to connect

NFC

Enabling NFC

From the Home Screen select Applications and then select Settings. In the Settings menu, press Wireless & Networks then scroll down to NFC. To enable this feature press the button window on the right-hand side until a tick appears in the window.

Use the Return/Back or Home button on the menu bar to return to the Home screen.

Note: Almost all NFC applications can be installed onto R500+ such as:

- READ/WRITE.
- PEER TO PEER.
- MOBILE WALLET.

The third party applications are an optional.

Lone Worker Protection (SOS) is an optional application.

This requires user activation where it is applicable.

FCC Regulations:

This device and its antenna must not be located or operating in conjunction with any other antenna and transmitter. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received,

including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

RF exposure information: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 1cm between the radiator & your body.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. (FCC 15.21)

RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.170W/kg and when worn on the body, as described in this user guide, is 1.178W/kg (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: OHV-R500PLUS.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.0 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.0 cm from your body when the phone is switched on.