

DEWALT®

MD501



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1 INTRODUCTION

This document contains information and safety regulations which are to be observed without fail for safe operation of the smartphone **DEWALT MD501** under the described conditions.

The current EC declaration of conformity, safety instructions and manual can be found at www.DEWALTPHONES.com, or requested from Global Mobile Communications Ltd.

NOTE

This document contains only the instructions necessary for setting up and safe use of your phone.

To ensure the IP protection of the phone, please make sure that the USB port cover and all the screw covers are in their correct place.

Please consult page 13 to learn how to access the phone from any computer.

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If there is any reason to suspect that the safety of the phone has been compromised, it must be withdrawn from use immediately.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

3 FURTHER SAFETY ADVICE

- 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 excessive 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 5 °C – 35 °C).
- Do not use the phone in areas where regulations or legislation prohibit the use of a mobile phone.
- Do not expose the phone, the battery or the charger to strong

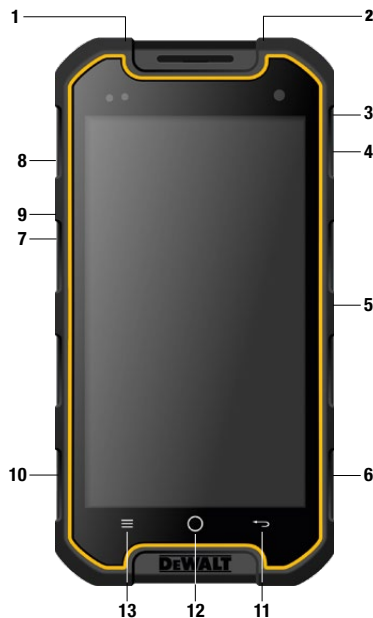
magnetic fields, such as are emitted from induction ovens or micro-waves.

- 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 for the product.
- Power off the phone in hospitals or other places where the use of mobile phones is prohibited. This phone may affect proper working 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.
- 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. Global Mobile Communications Ltd. cannot be held responsible for any of these claims.

WARNING

Global Mobile Communications will not assume any liability for damages caused by the disregarding of any of the Safety Advice given herein, or by any inappropriate use of the phone.

4_KEYS



- 1_Micro USB & Charging port:**
Connect to external USB device or other mobile device.
- 2_Earphone Jack:**
The built-in speaker will automatically shut down when the earphone jack is plugged in.
- 3_Volume up key:**
To control the volume
- 4_Volume down key:**
To control the volume
- 5_Power key:**
Short press to activate screen lock,
long press to power on and off
- 6/7_Side key:**
Optional keys used by different apps.
- 8_SD Card Slot:**
Compartment for Micro SD card on the back of the device.
- 9_SIM Card Slots:**
Compartment for Micro SIM cards on the back of the device.
- 10_Wireless charging and NFC areas:**
Located mid-centre area on back of the device.
- 11_Back Key:**
Return to previous screen.
- 12_Home Key:**
Return to Home screen.
- 13_Menu:**
Bring up a list with options.

5_FIRST STEPS

5.1_BATTERY

The battery in this phone **cannot be removed by the user**. 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.

NOTE

Because this phone has built-in battery, if the phone has a fault and cannot be turned off, you can long press the on/off button for 20 seconds to reset. This will restart the phone. Using the reset functionality may result in loss of unsaved data, please use with caution!

5.1.1_CHARGING THE BATTERY

- Connect the USB cable with the USB connector at the top of the device.
- Connect the other side of the USB cable with the socket of the Power Supply.
- After charging, remove the USB cable from the charger.
- This device supports wireless chargers adhering to the Qi standard. The inductive charging area is at the back side of the housing under the DEWALT logo.

5.1.2_BATTERY USE

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

When the battery reaches a low battery level an alert will request that the phone be charged. If this is not done immediately, unsaved data may be lost. If the phone is left idle for long periods, it will switched itself off.

WARNING

The phone's battery must be charged within the temperature range of 5° C to 35° C! Please don't charge your phone outside this temperature range, and please use the included USB-cable. The battery can only be replaced by the service center.

NOTE

Energy saving tips:

- Turn off wireless communication function when you use Bluetooth®, Wi-Fi® or GPS.
- Reduce the screen brightness.
- Turn off the screen when not using the unit.
- Disable the automatic synchronization of emails, calendars, contacts and other applications.

5.2_OPENING THE CARD COMPARTMENT

Unscrew the two screws at the back by turning them anti-clockwise until the back cover opens.

5.3_INSTALLATION OF THE SIM CARDS

The phone features two Micro SIM card slots. Power off the phone before installation. If you have installed two SIM cards, you can choose your primary card in **Settings** → **SIM cards**.

WARNING

Insert Micro SIM cards only.

USE OF OTHER SIZE SIM CARDS WILL VOID WARRANTY.

5.4_INSTALLATION OF THE MICRO-SD CARD

The Phone accepts up to 64GB Micro-SD memory cards. Power off the phone before installation. Open the Micro-SD card holder, and insert the Micro-SD card into the slot, then close the Micro-SD card holder.

If you want to remove the Micro-SD card, please make sure that the card is not in use by the phone by selecting: **Settings** → **Storage** → **unmount SD** → **OK**.

WARNING

Do not try to insert or remove any of the Micro SIM or Micro-SD cards when any external power supply is connected, otherwise the 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 tap 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**
Tap the screen and flick your finger left, right, up or down to scroll through available panels or lists.
- **Pinch**
Tap 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 Micro-SD card of the phone by any compatible computer via the USB cable. The card will be accessed as a mass storage device.

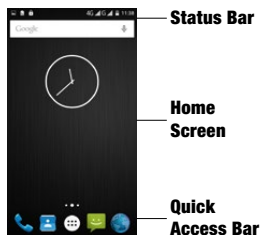
1. Connect your phone to the computer with the USB cable.
When connecting the phone to a computer for the first time, the computer will install the necessary drivers automatically.
2. Tap **turn on USB storage** in the dialogue box that opens on the phone and tap **OK** to confirm your choice. Your computer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

NOTE

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

7_DISPLAY LAYOUT

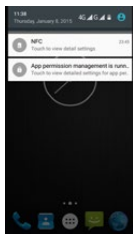
After you sign in or when you power on the phone, by default the Home Screen opens:



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_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_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. The table below lists various icons that might appear on the status bar of the device.

NOTIFICATION ICONS

- 4G network
- Strength of network
- Searching the network
- No SIM card or network
- Wi-Fi connected
- Wi-Fi wireless hotspot
- Roam network
- Airplane mode
- Receive GPS signal
- Bluetooth open
- New E-Mail
- New SMS/MMS
- Alarm clock
- USB debugging
- USB network share
- Play/pause
- FM radio
- Earphone mode

STATUS ICONS

- Silent mode
- Vibrating
- Low battery
- Full battery
- Charging
- Missed call
- Calling
- Call transfer
- Call waiting
- Remove mission list
- BT earphone connected
- New voice message
- Network data connection
- Setting menu
- Not enough memory
- Blacklighting adjustment
- Download
- Upload
- Events

7.3_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.

7.4_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 e-mail 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.

7.4.1_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 your Home Screen, move the item to the right or left border of the screen.

7.4.2_MOVING A SCREEN ITEM

1. Tap 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.

7.4.3_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**.

7.4.4_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.

7.4.5_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**.

8 SPECIFICATIONS

- **Frequencies**
GSM 850/900/1800/1900 MHz
WCDMA 850/900/1900/2100 MHz
- **Dimension**
weight: 245 g
size: 156 x 80.4 x 14.5 mm
- **Screen**
5" (12.70 cm) Bright View Gorilla Glass 3, capacitive touchscreen with a resolution of 1280 x 720 pixel
- **Cameras**
13 MP rear camera
5 MP front camera
- **Operation software**
Android™ 6.0 Marshmallow
- **4G**
LTE-FDD Band 1/3/7/20/28,
LTE-TDD Band 39/40/41
- **Wireless technologies**
Wi-Fi®, GPS, AGPS, GLONASS, NFC, Wireless Charging, Bluetooth®
- **Battery**
3950 mAh battery, standby 450 hrs., talktime 2G/3G: 480 min./420 min.
- **Memory**
internal memory 16 GB ROM, 2 GB RAM, external memory Micro-SD up to 64 GB
- **Processor**
MT6735, Quad Core 1.3 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**
protection against drop, vibrations, shocks and extreme temperatures

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 visit our Online Customer Service Centre at www.DeWALTPHONES.com.

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 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 the Service Center for a replacement battery.
- Too many programs running.
Please reduce the number of running programs.

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 to 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 visit our Online Customer Service Centre at www.DEWALTPHONES.com.

10_MAINTENANCE

Thank you for using the **DEWALT MD501**. If there is a problem with the phone or if the phone is in need of repair, please contact your vendor or visit our Online Customer Service Centre at www.DEWALTPHONES.com.

TRADEMARKS

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- **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 symbol means that electrical and electronic products and batteries must be disposed of at the end of their life in a separate collection facility. 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 representative.

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) 0.099 W/kg (GSM1800)
- SAR (body - worn) 0.301 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.

12 EU DECLARATION OF CONFORMITY

The EU declaration can be found at the end of this manual.

A copy of the EU Declaration of Conformity is available online at www.DeWALTPHONES.com.

13 CONTACT / SERVICE CENTER

Visit our Online Customer Service Centre on our website: www.DeWALTPHONES.com.

For full Terms and Conditions and Warranty details visit our Online Customer Service Centre on our website: www.DeWALTPHONES.com.



EU – Declaration of Conformity EU – Konformitätserklärung

according to directives 2014/53/EU and 2011/65/EU
nach Richtlinien 2014/53/EU und 2011/65/EU

The company Global Mobile Communications Limited declares under its sole responsibility that the product to which this declaration relates is in accordance with the provisions of the following data, directives and standards:

Die Firma Global Mobile Communications Limited erklärt in alleiniger Verantwortung, dass ihr Produkt auf weichesich diese Erklärung bezieht den nachfolgenden Daten, Richtlinien und Normen entspricht:

Name & address of the manufacturer in the EU <i>Name & Anschrift des Herstellers innerhalb der europäischen Gemeinschaft</i>	Global Mobile Communications Limited 16 Sheaf Street Davenport NN11 4AB, United Kingdom
Description of the devices <i>Beschreibung der Geräte</i>	mobile phone / Mobiltelefon type / Typ: DEWALT MD501
Conformity statement 2014/53/EU issued by <i>Konformitätserklärung 2014/53/EU ausgestellt durch</i>	ACS, Inc. 6731 Whittier Avenue, Suite C110 McLean, VA 22101, USA identification number / Kenn-Nummer: 1588
Conformity statement 2011/65/EU issued by <i>Konformitätserklärung 2011/65/EU ausgestellt durch</i>	SGS Perfect testing technology group Co., Ltd. Jinyin Building, Huameizhuang Shantou City, China
Applied harmonized standards <i>Angewandte harmonisierte Standards</i>	EN 300 328: V1.8.1, EN 300 440-1 V1.6.1, EN 300 440-2: V1.4.1, EN 301 511: V9.0.2, EN 301 489-1: V1.9.2, EN 301 489-3: V1.6.1, EN 301 489-7: V1.3.1, EN 301 489-17: V2.2.1, EN 301 489-24: V1.5.1, EN 301 908-1: V6.2.1, EN 301 908-2: V6.2.1, EN 50360: 2001 + A1: 2012, EN 55013: 2013, EN 55020: 2007 + A1: 2011, EN 55022: 2010, EN 55024: 2010, EN 50566: 2013 + AC: 2014, EN 60950-1: 2006 + A1: 2009 + A1: 2010 + A12: 2011 + A2: 2013, EN 61000-3-2: 2014, EN 61000-3-3: 2013

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