Mobile Data Terminal

MDT540

Quick Start Guide

Rev.1

Introduction

MDT540 is a mobile data terminal device based on Android operating system with 5-inch capacitive touch screen and rugged design.

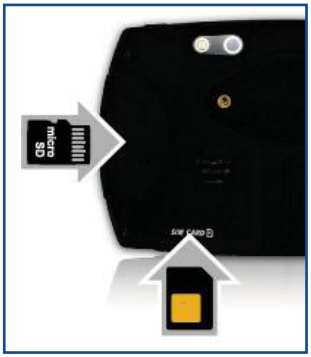
Features

- Android 7.0 Operating System
- 5.0-inch TFT LCD 800*480 pixels Screen with Capacitive Touch
- GNSS Receiver
- 4G LTE Connectivity
- Bluetooth Connectivity
- WLAN (Wi-Fi) Connectivity
- 5M pixels Back Camera
- Mini USB 2.0 OTG Connectivity
- TTL Serial Communication via Mini USB Port
- RS232 Serial Communication via Active Cradle
- 9V~36V DC Power Input Range via Active Cradle
- Built-in Rechargeable 2600 mAh Battery

Getting Started

SIM CARD & MICRO SD CARD

1/ Unscrew the protective covers.
2/ Insert the SIM card with the gold contacts facing up.
3/ Insert the microSD card with gold contacts facing up.
4/ Push the card in the direction of the arrow as shown in the figure.



Important:
· If cards are not inserted correctly, the device cannot detect the card.

TURNING DEVICE ON/OFF

Turning ON

- Press and hold the Power button for over 2 seconds located on the top right side of the device.
- In the sleep mode, the device wakes up by the Power button or the external power input.

Turning OFF

- Press and hold the Power button for 2 seconds, then a small pop-up power menu is displayed for 'Power Off'.
- Once the Power Button is pressed shortly, the device goes to the sleep mode.

RESET

Press and hold the Power button for more than 7 (seven) seconds to reset the device. Or press the Reset button in the right cover of the device.

Safety Notices & Warnings

- Do not use and/or leave the device in high or low temperature and potentially explosive environments to prevent permanent damage.
- Wipe or dry the LCD screen of the device using a soft cloth. Do not use any liquid cleaners.
- Do not expose the device and the memory card to magnetic fields.
- Allow only qualified personnel to service the device. If not, the device can be damaged and will void the warranty.

INSTALLATION

- Before installing a mount, please clean and remove any dust or grease.
- Avoid placing your device and accessories near or in an air bag deployment area. If not, may cause serious injury when air bags inflate rapidly.
- Do not place unsecured on a dashboard and do not mount where a driver's field of vision is blocked.

ADD-ON ACCESSORIES

- Use only accessories included in the package provided or officially approved by the manufacturer. Unauthorized accessories may harm the device and any accidents or damages. This will not responsible for the manufacturer.

GPS (GLOBAL POSITIONING SYSTEM)

- If taking long time to get GPS signal and find current location, place it where it has a clear view of the sky. GPS signals can be obstructed by ceilings, trees, nearby tall buildings and the roof of the vehicle.
- Initial GPS fix may take up to 2~10 minutes depending on circumstances.

Important: Some vehicles with a coated or heat reflective windshield may require on an external GPS antenna (not included).

This product is intended use for an uncontrolled environment

FCC RF Exposure Information and Statement

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: portable device (FCC ID: 2AHAF-MDT540) has also been tested against this SAR limit. SAR information on this and other pad can be viewed on - line at http://www.fcc.gov/oet/ea/fccid/. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body. To maintain compliance with FCC RF exposure requirements, use accessories should maintain a separation distance between the user's bodies mentioned above.

FCC Warning

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 1: 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.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and

Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of IC is 1.6 W/kg averaged. Device: GPS (IC: 21087-MDT540) has also been tested against this SAR limit. This device was tested simulation typical 0 mm to body. To maintain compliance with FCC RF exposure requirements, the use of belt clips, holsters and similar accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The highest reported SAR value for body condition for separate function is 0.656W/kg respectively.