

**MioCARE** 

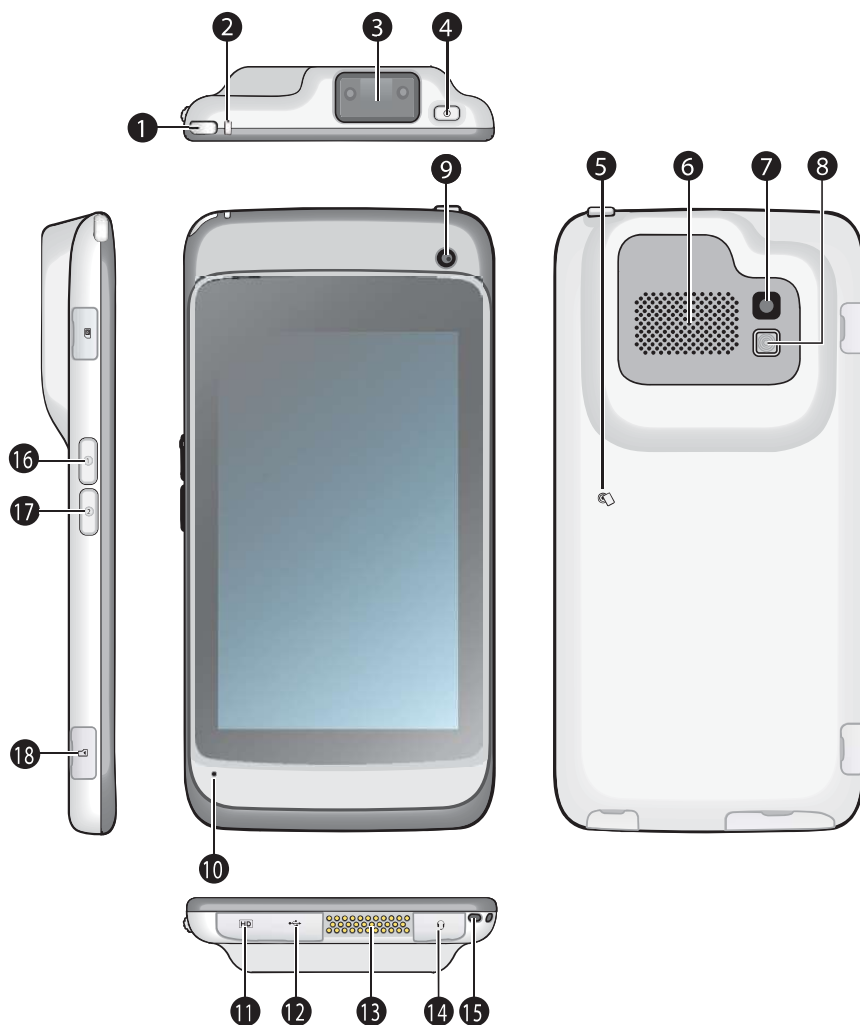
**N435**

**User Manual**

# Welcome

Thank you for purchasing a MioCARE product. This Quick Start Guide guides you through the successful setup of your device and familiarises you with the basic skills of using the device.

## Getting to know your device



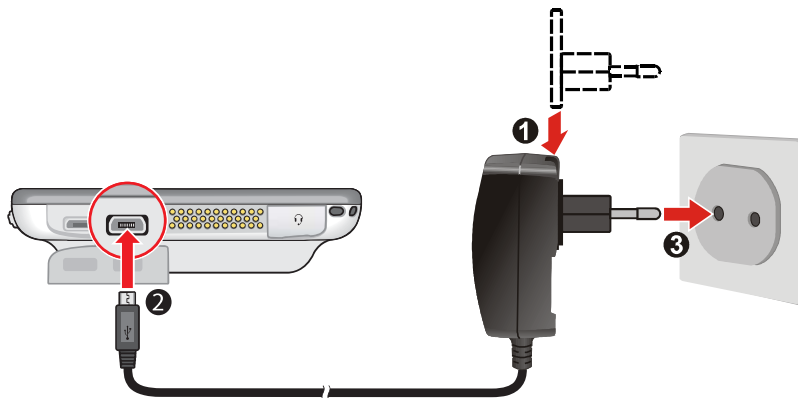
1. LED Indicator 1  
Barcode reader status\*:  
Green/Red
2. LED Indicator 2  
Battery charge status:  
Green/Red
3. Barcode Reader\*
4. POWER Button
5. NFC (Near Field Communication) Sensor
6. Speaker
7. Rear Camera
8. Flash
9. Front Camera
10. Microphone
11. HD Connector
12. Mini-USB Port
13. Dock Connector
14. Headphone Socket
15. Lanyard Holder
16. Volume Up Button /  
Barcode Reader Button\*
17. Volume Down Button /  
Programmable  
Application Button
18. Memory card slot

\* For selected models only.

## Getting started

### Charging the battery

When charging the battery for the very first time, you should charge it for at least 8 hours (using the AC charger) with your device turned off. To charge the battery, plug the home charger cable into the Mini-USB port on the bottom of your device and the mains power charger into the power socket\*.



\* The plug type varies with the region of your purchase.

The LED indicator will blink **Red** while the battery power is less than 15%. During charging, the LED indicator on the device lights up to indicate the battery charge status: **Green** – battery full; **Red** – battery charging.

**CAUTION!** For optimal performance of the lithium battery, note the following:

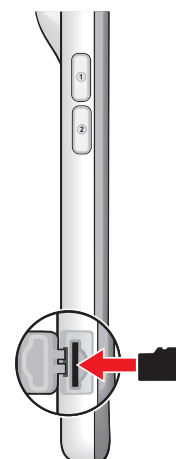
- Do not charge the battery where the temperature is high (e.g. in direct sunlight). The battery will stop charging when the ambient temperature is less than -10°C (14°F) or more than 60°C (140°F).
- Recharge the battery when it is nearly discharged. When recharging, make sure that the battery is fully charged. Doing so can extend the battery life.
- If the device has not been used for over a month or if you find the discharge/recharge time has been shortened, be sure to fully discharge the battery first before recharging it. You are also advised to fully discharge and recharge the battery once every 1~2 months.
- Failure to follow the battery usage instructions can cause damage to your device, battery and even bodily injury or property damage and will void the warranty.

## Installing the memory card

1. Open the cover on the left side of the device to locate the MicroSD card slot.
2. Follow the instruction to install the card (not supplied):
3. Replace the cover and ensure the cover is securely closed.

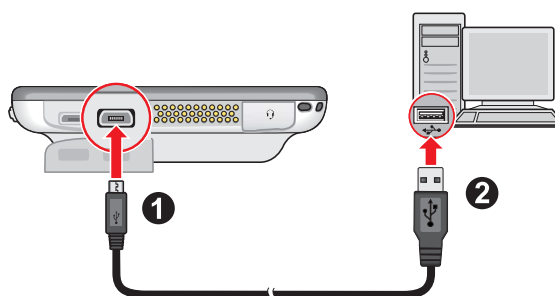
### Notes:

- The device supports up to 64GB MicroSD memory cards. However, it does not guarantee the device's compatibility with memory cards from all manufacturers.
- While installing a card, do not apply pressure to the centre of the card. Do not use your finger or any metal objects to touch and scratch the contact part of the card.
- To remove a card, gently push the top edge of the card inwards to release it and then pull it out of the slot.



## Connecting your device to a computer

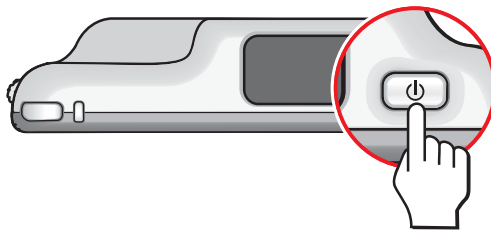
Connect the Mini-USB end of the USB cable to your device (❶) and the other end to a USB port in your computer (❷). Once connected, you will be able to transfer the files between your computer and device easily through MTP\*.





\* MTP (Media Transfer Protocol) allows media files (including music, pictures, and other files) to be transferred automatically to and from portable devices. However, for Windows XP users, it is required to install Windows XP Service Pack 3 and Windows Media Player 10 (or higher).

## Operating basics

### Using the POWER button



- **To turn on the device**  
Press and hold the POWER button until the device turns on.  
After the boot up screen, the Home screen will be displayed and the device is in Lock mode by default. Drag the Lock icon (  >  ) to unlock the system. You can now use your device.
- **Sleep mode**  
Your device will automatically enter **Sleep mode** after 1 minute (by default) of inactivity. You can also manually switch to Sleep mode by pressing the POWER button briefly.  
To resume from Sleep mode, briefly press the POWER button.
- **Aeroplane mode**  
When you are in an aeroplane or in the area where the use of wireless radio is prohibited, enable **Aeroplane mode**. Many of your devices applications will continue to work (e.g. playing games or listening music) but all wireless radios, including wireless network and Bluetooth, on the device are turned off – it cannot send or receive data.  
To enter Aeroplane mode, press and hold the POWER button and select **Aeroplane mode** from the option menu.
- **To restart / turn off the device**  
Press and hold the POWER button and select **Restart / Power off** from the option menu.
- **To shut down the device manually**  
Press and hold the POWER button for 5 seconds.

## Navigating on the screen

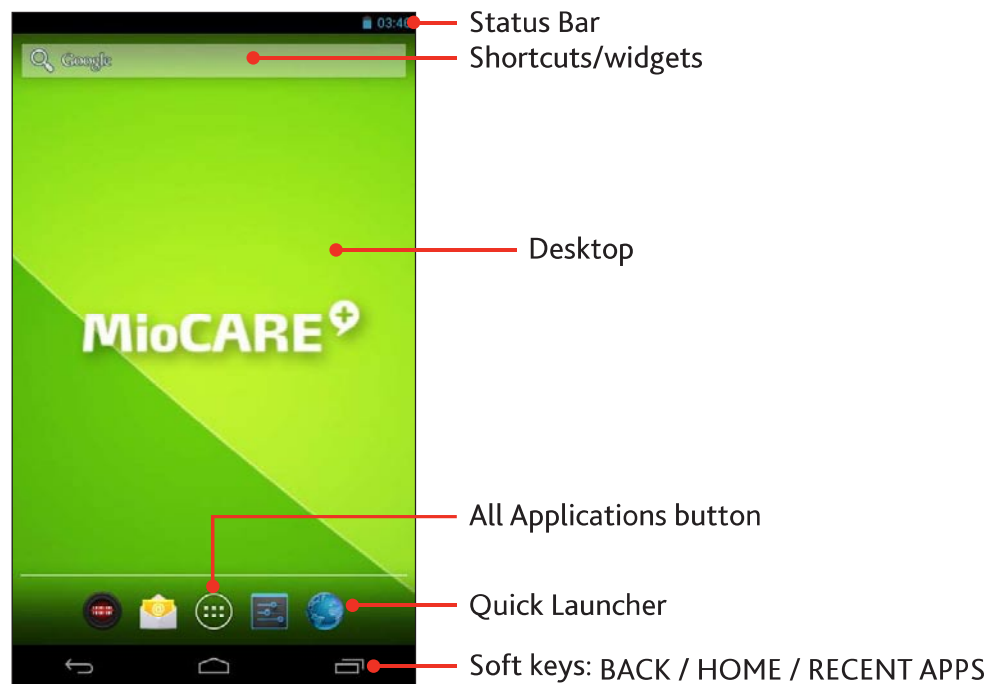
To operate your device, touch the screen with your fingertip. You can perform the following actions:



- **Tap**  
Touch the screen once with your fingertip to open items or select onscreen buttons or options.
- **Tap and hold**  
Tap and hold on the desired item to open the pop-up menu that contains the available options for the item.
- **Drag**  
Tap and hold on the item and then move it to the target position without releasing your fingertip.
- **Slide**  
Drag to the left/right (or the top/bottom) to switch to the next/previous item on the list.
- **Multi-touch gestures**  
Move your fingertips apart or together on the screen to zoom in or out while viewing a picture or a web page.
- **Rotating the screen**  
For most applications, you can automatically change the screen orientation (from portrait to landscape, and vice versa) by turning the device sideways.

## Home screen

The Home screen is your starting place for tasks, providing quick access to frequently used applications and settings.





**Tip:** To display the Home screen, tap the HOME button at any time.

## Customising your device



You can customise the device through the Settings menu, including personalising the Home screen, changing the display and sound settings, configuring the connection settings, and more.

From the desktop, do one of the following to access the Settings menu:

- Tap the **All Applications** button (  ) > **Settings**.
- Tap  from the Quick Launcher.

## Using the Barcode Reader (for selected models only)

By using the Barcode Reader, your device will be able to read the information (e.g. serial number, URL, e-mail address, and more) contained in the barcode.

1. Tap  > **BCR Reader** to launch the Barcode Reader application on your device.
2. Position your device close to the barcode (approximately 5~10 cm), and point the barcode reader sensor to the barcode.
3. Tap the “Scan” button of the application to start scanning; meanwhile, hold your device steadily to keep the barcode within the sensor coverage until the information is displayed on the screen.
4. The LED indicator blinks once to indicate the scanning status:  
**Green** – successful scan.  
**Red** – scan failed; please try again.
5. To configure the Barcode Reader, tap  > **BCR Settings**.





## For more information

### Support

For initial support, contact your IT department or your local authorised dealer.

Occasionally, the manufacturer may offer free system updates to improve user experience. Please regularly check the website <http://miocare.mio.com/> for more information.

### IP54

The IEC 60529/IP54 is a European system of test specification standards for classifying the degree of protection provided by the enclosures of electrical equipment. An IP54 designation means that the unit withstands dust protected (Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact), and water splashing for up to 5 minutes (water volume: 10 litres per minute, Pressure: 80-100kPa). The manufacturer guarantees this grade provided the battery door and all jack covers are properly and securely closed. This device is not IPX7/IPX8 grade; immersion in water or water-pressure such as washing the unit with running water may cause damage to the unit and voids warranty.

### Safety precautions

The product covered is an accessory intended for use with Medical Equipment to process data. This product is considered as Medical Device Data System (MDDS). It is hardware product that transfer, store, convert formats, and display medical device data. This product does not modify the data or modify the display of the data, and it does not by itself control the functions or parameters of any other medical device. MDDS are not intended to be used for active patient monitoring.

### Symbols and markings

This appendix provides information about the symbols that are used on the I-Series, its accessories or packing.



Follow instructions for use.

### Warning:

- To avoid risk of electric shock, this equipment must only be connected to a supply mains with protective earth.
- Do not modify this equipment without authorization of the manufacturer.

- Never open the equipment. For safety reasons, only qualified service personnel should open the equipment.
- Only use the specified power supply: SINPRO MPU16A-102  
Input: Universal 100-240 VAC / 47-63 Hz; output: +5 VDC / 0~2.6A
- To fully disengage the power to the unit, please disconnect the power cord from the AC inlet.

### Cleaning Information

Water or rubbing alcohol – A piece of cloth a bit with some water or rubbing alcohol and rub it on the unit.

### Environmental condition

- Normal operating temperature:
  - Operating temperature: -20°C to 45°C, ambient with air flow (according to IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14)
  - Relative humidity: 10% ~ 90%, non-condensing; limits to be at 90% RH at max. 40°C
  - Atmosphere pressure: 700-1060hPa
- Transport and storage temperature:
  - Operating temperature: -30°C to 85°C, ambient with air flow
  - Relative humidity: 10% ~ 90%, non-condensing
  - Atmosphere pressure: 500-1060hPa

### Regulatory information (CE)

Note: For regulatory identification purposes, your device is assigned a model number of N435.

## CE 2200 ⚠

This device complies with the R&TTE Directive (1999/5/EC), the EMC Directive (2004/108/EC), and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community. - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

**EN 301 489-1:** Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

**EN 301 489-3:** Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz

- EN301489-17:** Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.
- EN 300 328:** Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive.
- EN 301 893:** Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- EN 300 440:** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- EN 302 291-1:** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 1: Technical characteristics and test methods
- EN 302 291-2:** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 2: Harmonised EN under article 3.2 of the R&TTE Directive
- EN 50566:** Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz — 6 GHz)
- EN 62209-2:** Human exposure to radio frequency fields from handheld and bodymounted wireless communication devices — Human models, instrumentation, and procedures
- EN 62479:** Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
- EN 60601:** Medical electrical equipment —Part 1-2: General requirements for basic safety and essential performance — Collateral standard: Electromagnetic compatibility — Requirements and tests
- EN 50332:** Prolonged listening of music in maximum volume can damage the ears.
- EN 55022:** Radio disturbance characteristics
- EN 55024:** Immunity characteristics
- EN 61000-3-2:** Limits for harmonic current emissions
- EN 61000-3-3:** Limitation of voltage fluctuation and flicker in low-voltage supply system
- IEC 60950-1/A1:2009:** Product Safety

This device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable EN 50332-2 standards. Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

**Warning statement:**



To prevent possible hearing damage, do not listen at high volume levels for long periods.  
A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

**Declaration of Conformity**

Hereby, MiTAC international corp declares that this Tablet pc is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

**A minimum separation distance of 1.0 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe.**

**Bluetooth**



Bluetooth QD ID D021801

**WEEE**



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE - 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

## Federal Communication Commission Interference Statement

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.

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 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.

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

### **Radiation Exposure Statement:**

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

This device 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 device 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 device transmitting at its highest certified power level in all tested frequency bands.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

Revision: Roo  
(05/2014)

### **Disclaimer**

Specifications and documents are subject to change without notice. The manufacturer does not warrant this document is error-free. The manufacturer assumes no liability for damage incurred directly or indirectly from errors, omissions, or discrepancies between the device and the documents.

### **Notes**

Not all models are available in all regions.

Depending upon the specific model purchased, the color and look of your device and accessories may not exactly match the graphics shown in this document.

The screenshots and other presentations shown in this document are for reference only. They may differ from the actual screens and presentations generated by the actual product.