

# **User Manual**

**X4545 M20;X4545 M40**

## **FCC Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

### **FCC RF Radiation Exposure Statement:**

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting.

Revision: R00  
(2/2010)

**Trademarks**

All brand and product names are trademarks or registered trademarks of their respective companies.

**Disclaimer**

Specifications and documents are subject to change without notice.

---

# Table of Contents

---

Getting to know your device ..... 2

Performing the initial start-up ..... 3

Charging the battery ..... 4

Using your device in a vehicle ..... 5

Operating basics ..... 6

    Turning on and off ..... 6

    Navigating on the screen ..... 6

Reference ..... 7

    Inserting a memory card ..... 7

    Troubleshooting ..... 7

    Caring for your device ..... 8

Regulatory information ..... 9

    Regulations statements ..... 9

        European notice ..... 9

    Safety precautions ..... 10

        About charging ..... 10

        About the charger ..... 10

        About the battery ..... 10

# Getting to know your device

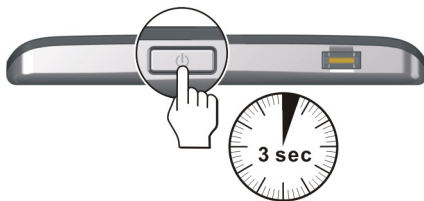


	Name	Description
1	Power button	Turns your device on and off.
2	Fingerprint Sensor	Serves as the fingerprint verification, preventing unauthorized access to your device.
3	Speaker	Sends out sounds and voice.
4	Earphone/TMC connector	Connects to the earphones or the TMC antenna for receiving traffic information.
5	Mini-USB connector	Connects to the charger or USB cable.
6	Memory card slot	Accepts a SD/MMC card for accessing data such as additional maps.
7	Touch screen	Displays the output of your device.
8	Bluetooth indicator	Indicates the on or off of the Bluetooth function.
9	Charge indicator	Indicates the level of battery charge: <b>Green</b> - battery full <b>Amber</b> - battery charging.
10	Microphone	For Bluetooth hands-free calling.

---

## Performing the initial start-up

1. For the initial start-up, press the power button until the device turns on.



2. Your device turns on.

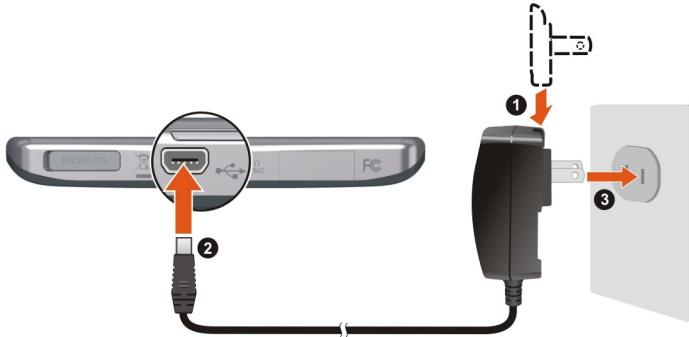
**Note:** The battery may not be fully charged when you use your device for the first time. To charge the battery, see the next section.

3. Follow the prompts.

---

## Charging the battery

1. Plug the converter to the AC charger (❶).
2. Connect the DC end of the AC charger to the power connector on your Mio (❷).
3. Plug the other end of the AC charger into a wall outlet (❸).



The charge indicator glows amber when charging is in progress. When the battery is fully charged, the indicator turns green.

---

**CAUTION:** For optimal performance of the lithium battery:

- Do not charge the battery where the temperature is high (e.g. in direct sunlight).
  - There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
  - When storing the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.
  - Failure to follow the battery usage instructions could cause damage to your device, battery and even bodily injury or property damage and will void any warranty.
-

---

## Using your device in a vehicle

---

### CAUTION:

- Select an appropriate location for mounting the device in a vehicle. Never place the device where the driver's field of vision is blocked.
  - If the car's windscreen is tinted with a reflective coating, it may be athermic and impact the GPS reception. In this instance, please mount your device where there is a "clear area."
  - To protect your device against sudden surges in current, connect the car charger only after the car engine has been started.
- 



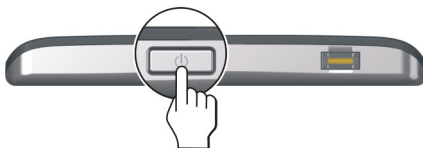


---

## Operating basics

### Turning on and off

Turn on or off your device by pressing the power button.



### 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.
- **Drag**  
Hold your fingertip on the screen and drag up/down/left/right or across the screen. (This is not supported by all applications.)
- **Tap and hold**  
Tap and hold your fingertip until an action is complete, or a result or menu is shown. (This is not supported by all applications.)

---

## Bluetooth connectivity

If you have a mobile phone with Bluetooth wireless technology, you can use your device as a hands-free car kit or to provide an internet connection. It can also be used to connect to a Bluetooth mono/stereo earphone to output audio. Models with Bluetooth capabilities can exchange information over a distance of about 10 meters (30 feet) without requiring a physical connection.

Before you can use this feature you must pair your mobile phone with your device. Ensure that the Bluetooth wireless feature of your mobile phone is turned on before you begin pairing. When you search for or connect to a mobile phone/ headset, the Bluetooth on your device will be turned on automatically. To save power, Bluetooth is set to OFF by default.

**Note:** Not all phones with Bluetooth wireless technology are compatible with your device.

## Receiving audio through vehicle speakers

Your device can be set to transmit sound at a particular FM frequency which you can then receive through your vehicle radio. This means that you can hear map voice guidance, radio, mp3 files and video voice files clearly and loudly through your vehicle speakers.

**Note:** Products with FM Transmitter feature may be operated in the following countries:

AT	BE	BG	CH	CZ	DE	DK	EE
ES	FI	GB	HU	IE	IS	IT	LI
LT	LU	LV	MT	NL	NO	PL	PT
RO	SE	SI	SK				

The FM transmitter function is not allowed to use in Cyprus, France and Greece. Please turn off the FM Transmitter in those areas.

# Reference

## Inserting a memory card

**CAUTION:** Do not apply pressure to the centre of the memory card.

Hold the card (SD or MMC) by the edges and gently insert it into the slot with the label facing the back of the device.



To remove a card, gently push the top edge of the card inwards to release it, and pull it out of the slot.

## Troubleshooting

**Note:** If you encounter a problem you cannot solve, contact an authorized service center for assistance.

Problems	Solutions
Power does not turn on when using battery power.	The remaining battery power may be too low to run your device. Charge the battery.
Screen responds slowly.	Make sure that your device is not running out of battery power. If the problem still persists, restart your device.
Screen freezes.	Restart your device.
Screen is hard to read.	Make sure that the backlight of the display is set to a high-enough brightness.
Cannot establish a connection with a computer.	Make sure that your device and your computer are both turned on before trying to establish a connection.
	Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
	Restart your device before connecting the cable. Always disconnect your device before you restart your computer.

---

## Caring for your device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

---

# Regulatory information

**Note:** For regulatory identification purposes, device is assigned a model number of N264.

- Device model: X4345 M20, X4345 M40, X4545 M20, X4545 M40
- Cradle model: X4X4X ActiveCradle

## Regulations statements

### European notice



Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) - 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 301 489-9 (Bluetooth and FM Transmitter):** Electromagnetic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices.

**EN 301 489-17:** 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 WLAN equipment.

**EN 300 328 (Bluetooth):** 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 301 357-2 (FM Transmitter):** Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2000 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive.

**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

**IEC60950-1:2005/EN60950-1/A11:2009**

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, Medion declares that this N264 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

---

## Safety precautions

- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void the warranty.

### About charging

- Use only the charger supplied with your device. Use of another type of charger will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with "LPS", "Limited Power Source" and output rated + 5 V dc / 1.0 A".
- Use a specified battery in the equipment.

### About the charger

- Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.
- Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.
- Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the charger if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

### About the battery

- Use a specified battery in the equipment.
- **CAUTION:** This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
- Important instructions (for service personnel only)
  - ✓ **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
  - ✓ Replace only with the same or equivalent type recommended by the manufacturer.
  - ✓ The battery must be recycled or disposed of properly.
  - ✓ Use the battery only in the specified equipment.