UK English

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! Important Regulatory Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Notice: Any changes or modification not expressly approved by the party responsible could void the user's authority to operate the device.

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 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

Contents

The TomTom Wireless GPS Mk II receiver

Congratulations with the purchase of your TomTom Wireless GPS Mk II receiver. You now have one of the smallest and most versatile wireless GPS receivers available today.

Your TomTom Wireless GPS Mk II uses Bluetooth technology to eliminate the need for connecting cables, and a new, high performance GPS receiver to ensure the best possible reception wherever you go.

This high performance GPS receiver is ideal for use in urban environments. The high sensitivity assures safe navigation even when you do not have a clear view of the sky. On the road or walking around the city streets, it will make sure you find your way with ease.

> *Note: In certain situations the GPS signal strength drops so low that even the TomTom Wireless GPS MkII can find it difficult to keep you located. When this happens you may see a "spinning" effect in the 3D view, as the direction in which you are traveling becomes more difficult to calculate. In this situation you may find that the "top-down" navigation view is easier to understand. To switch to this view, use the "Turn off 3D display" preference.*

The GPS receiver has an high capacity battery that can be used all day on a single charge.

Use the cigarette lighter adapter to easily power and charge your TomTom Wireless GPS Mk II receiver in your car. An AC power adapter is also available.

Please take some time to study this manual. It contains important **safety** and regulatory information.

1. Registration and Product Support

Register your product now on the TomTom online registration page at http://www.tomtom.com.

Registering your product gives you access to all the latest news about your TomTom Wireless GPS Mk II receiver, and will help us to supply you with the best possible support.

If you have any questions regarding your receiver or should your receiver require repairs, contact our Customer Services Helpdesk by following the support link on our website at http://www.tomtom.com . We will be happy to help you.

2. Important Safety Notices and Warnings

2.1 Global Positioning System

The Global Positioning System (GPS) is a satellite-based system that provides location and timing information around the globe. GPS is operated and controlled under the sole responsibility of the Government of the United States of America, who are responsible for its availability and accuracy. Any changes in GPS availability and accuracy may impact the operation of your GPS receiver. Environmental conditions will affect the operation of your GPS receiver. TomTom B.V. cannot accept any liability for the availability and accuracy of GPS.

2.2 Use With Care

Use of a GPS receiver for navigation does not by any means substitute for the need to drive with due care and attention.

2.3 Aircraft and Hospitals

Use of devices with an antenna is prohibited on most aircraft, in many hospitals and in many other locations. The TomTom Wireless GPS Mk II receiver must not be used in these environments.

2.4 Heat Reflective Shields

Some newer model vehicles may have a heat reflective shield embedded in the windshield preventing proper GPS signal reception if the receiver is placed behind the windshield. To enable proper reception:
(a) Place the receiver in a different position, or
(b) Place the receiver behind the rearview mirror, where many vehicles have an opening in the heat reflective shield, indicated by a black outline

2.5 Battery

This product uses a Lithium-Ion battery. Please charge the battery fully before first use. Refer to operational temperature ranges in the specification appendix. Operation in low (below 0ºC/32ºF) or high (over 45ºC/110ºF) temperatures will affect power supply efficiency and the ability to charge the battery. All Lithium-Ion batteries will experience power supply efficiency deterioration over time, even if not used, and have a limited life expectancy. Permanently powering the battery will reduce life expectancy. Do not continue recharging the battery if it does not recharge within the specified time. Do not pierce, open or disassemble the battery. Do not swallow the battery. If the battery leaks and you come into contact with the leaked fluids, rinse thoroughly with water and seek medical attention immediately.
Do not use your product in a humid, wet and/or corrosive environment. Do not put, store or leave your product in or near a heat source; in a high temperature location; in strong direct sunlight; in a microwave oven; in a pressurized container, and do not expose it to temperatures over 60ºC (140ºF). Failure to follow these guidelines may cause the Lithium-Ion battery to leak acid; become hot; explode; or ignite and cause injury and/or damage.
THE LITHIUM-ION BATTERY CONTAINED IN THE PRODUCT MUST BE RECYCLED OR DISPOSED OF PROPERLY. USE ONLY WITH SUPPLIED CHARGER(s) AND SUPPLIED AC ADAPTOR FOR BATTERY CHARGING.

2.6 Installation, Use & Maintenance

Do not attempt to service this product yourself. Do not open, puncture or disassemble the product.

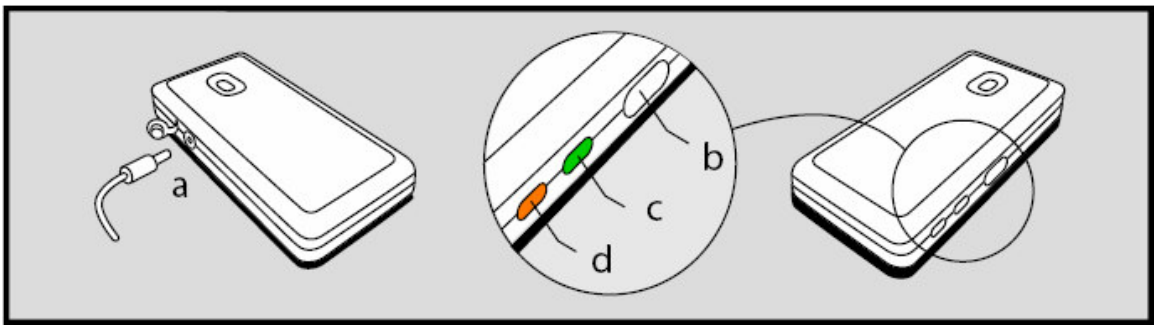
In order to attain a GPS ‘fix’, ensure that the GPS receiver has an unobstructed view of the sky. Protect your product from excessive heat (see previous paragraph), extreme cold (see previous paragraph), dust, liquids and direct sunlight. Do not use in a humid environment. Do not use the product on an unstable surface. When using the product in a

mobile environment always fasten the product to prevent accidental movement of it. Handle all parts, cables and connectors with care. Only use supplied and suggested accessories and power supplies. Ensure that any power supply is cooled by placing it in a ventilated area. The power supply and the receiver unit may become warm or hot during operation. Unplug the product from any external power source before cleaning. Only clean the product with a dry cloth. Follow the instructions in this manual carefully.

3. Getting Started

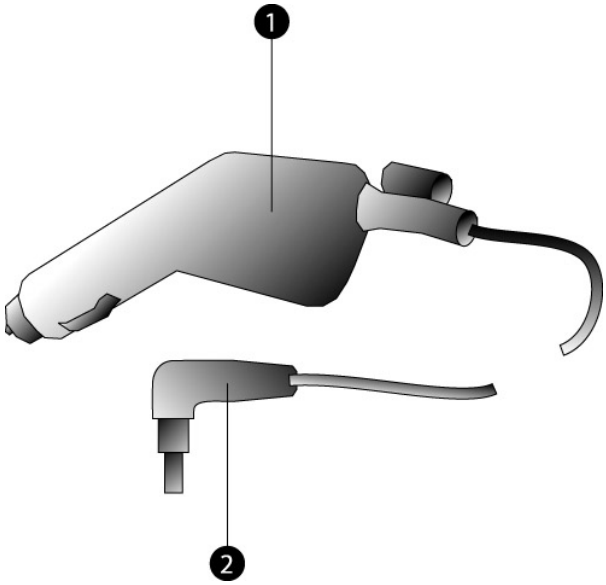
3.1 What it is

3.1.1 Receiver unit



A	**Power supply**
B	**On/Off button**
C	**GPS indicator**
D	**Charge indicator**

3.1.2 Cigarette Lighter Adapter



1	CLA plug
2	GPS receiver plug

3.2 Setting up

3.2.1 Cigarette Lighter Adapter

For in-vehicle charging, insert the 5V plug of the cigarette lighter adapter into the 5V jack on the rear side of the receiver.

3.2.2 Charging

While charging the Charge indicator on the side of the receiver will turn orange. When charging is completed, the orange indicator switches off.

3.2.3 Switching on and off

To switch the GPS receiver on, press and hold the power button for about 1 second.
To switch the receiver off, press the power button for 1 second. If the GPS receiver needs charging, the Charge indicator will remain red.

3.2.4 Setting up a connection with your PDA or Smartphone

Ensure that the TomTom Wireless GPS Mk II receiver is switched on. When you open the TomTom NAVIGATOR 5 or TomTom MOBILE 5 applications, a connection to the TomTom Wireless GPS Mk II receiver will be made automatically. If you leave your GPS switched on and do not connect it to your device, it will automatically switch off after 5 minutes in order to conserve battery life.

4. Mounting

Your TomTom Wireless GPS Mk II receiver can be used when in your pocket or bag. When using it in a vehicle, make sure it is placed correctly for optimal GPS signal reception and stays in place. You can ensure that the GPS receiver gets a proper GPS signal by testing it in a stationary situation with your PDA or Smartphone. Note that many modern vehicles have a heat reflective shield embedded in the windshield preventing good reception when the GPS receiver is placed on the dashboard. If you have problems getting a GPS signal, try placing the TomTom Wireless GPS MK II receiver under your rear window.

5. Indicators

5.1 GPS Indicator

When switched on, the GPS indicator will be lit in green. Once the GPS receiver has determined your position ("has a fix"), the indicator will start to flash continuously.

5.2 Charge Indicator

When the internal battery is charging the colour of the indicator will turn orange.

6. Technical Specifications

User interface	On/Off button	Press & hold for 1s to switch on/off Press & hold for 3s to perform reset
	Green LED GPS Status	Solid on: Acquiring GPS Fix Flashing Green: Has GPS Fix
	Red/Amber LED Power Status	Solid Red: Battery Low Solid Amber: Battery charging
Bluetooth connection	Please refer to the Bluetooth connection setup instructions in the documentation that comes with your PDA, Smartphone or laptop. You will need to set up a Serial Port connection between the GPS receiver and your device. The GPS receiver will appear to your device as the "TomTom Wireless GPS MkII" and its GPS signal will be output on its "GPS serial output". To ensure ease of use, create a Bluetooth bond between your device and the GPS receiver. The pairing code is 0000. Please check specific device setup information on our support pages at www.tomtom.com.	
Configuring your software	After setting up the Bluetooth connection, you will need to modify the properties of the software on your PDA, Smartphone or laptop to use the GPS signal from the GPS receiver. Please refer to the documentation of your device, and of your software. Choose the NMEA protocol.	

Mechanical	Size	87.8 x 43.0 x 15.1 mm
	Weight	68g
Power	Battery	1200mAh Lithium Ion built-in cell
	Battery life	10hours typical use
	Charge time	Less than 4 hours
	Voltage	4.75V to 6V
	Charging	From CLA (cigarette lighter adaptor) or AC Adaptor
GPS	Chipset	SiRF Star III
	Frequency	L1, 1575.42MHz
	C/A Code	1.023 MHz Chip Rate
	Channels	20 channel all-in-view tracking
	Tracking sensitivity	-159dBm
	Update rate	1Hz
	Cold start	<1 minute typical
	Warm start	<30 seconds typical
	Hot start	<10 seconds typical
	Reacquisition time	<1 second from max 30second blockage
	Datum	WGS-84
	Protocol	NMEA 0183 Version 2.2
	Antenna	Built-in omnidirectional antenna
Bluetooth	Profile	Serial Port Profile (SPP)
	Class	Class II Version 1.2
	Default PIN	0000
Environmental	Storage Temperature	-20 to +70 degrees Celsius
	Operating Temperature	-10 to +60 degrees Celsius
	Humidity	Up to 75% non-condensing
	Drop	2m onto concrete
	Fluid & Dust Protection	IP54