C520b

Detailed specifications, software features, package components

Mio™ DigiWalker

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Mio C520b Detailed Specifications

Hardware		
CPU		400Mhz
Display	**Type**	4.3" Color Transflective LCD With Touch Panel
	Resolution	480 x 272 pixels
Memory	**ROM**	1GB
	RAM	64 MB SDRAM
GPS		SiRF GPS III module built-in (20 channels) Support Ephemeris table and downloads via USB. Patch antenna with LNA on board, support external antenna jack 1. Embedded type 2. Connector for extend antenna
Input / Output	**Cradle connector**	18 pin for connector (power-in 1, mic 1, speaker-out 2, TMC 2, DR 8, GND, ID)
	Microphone	Yes
	Touch Panel	Resistive type Touch panel, sun light protection
	Input Method	On-Screen Keyboard
	Speaker	Built–in loud speaker(1 Watt)
	Headphone	2.5mm jack
	SD / MMC	For SD / MMC cards
	TMC	Optional
	BT	BT2.0 - Ftp profile - Headset/hands-free profile (car kits) - A2DP - Object push
	USB	USB 2.0
Buttons Top of Unit		Power on/off on top
Indicator		LED (Dual Color) ➔ Battery Charging – Amber (Static) ➔ Battery Full -- Green (Static) ➔ Power on – Green (flash) until screen come out BT (Blue Led) ➔ Enable – Blue (flash)
Battery	**Type**	Built-in Lithium battery cell, 750mAh
	Active	1. GPS function with default backlight on full power mode is above 2 hours 2. backlight off with earphone playback MP3 for 5 hours
Charging	**Charger**	Charger module
	Time	< 4~5 hours
AC to DC Adapter	**Input**	100~240VAC
	Output	5VDC, 1A
	Connection	Mini USB type adapter

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Certification & Regulation		FCC, CE, Ctick, E-mark, Canada test report (RSS-310), Environmental test report	
ROHS and WEEE compliant		Yes	
Physical Characteristics	**Dimension**	Landscape Type ~ 126mm (width) x 81 mm (height) x 14.5mm~19.9mm (depth)	
	Weight	~ 110 g	
Environment Conditions	**Temperature**	**Operation**	10~45º C with AC-in 0~45º C with battery discharge range 0~35º C with battery charging
		Storage	-20~60º C battery storage maximum temperature
	Humidity	**Operation**	0~90%, Non-Condense

Software

Operation System	Microsoft Windows ➔ CE
Other AP	- Picture viewer - MP3 player - Contacts - Calculator - File manager - POI loader - MioTransfer

Standard Package Accessories

Power cradle
Mini USB Cable (for PC connection)
In-car charger
Mount

Optional Accessories

TMC Cradle
Neoprene handbag
Bike holder
Gooseneck Long Sucker stand -Non magnetic
Gooseneck Short Sucker stand -Non magnetic
Motor bike holder
GPS Antenna
AC adapter
Carrying Case
Mem 1GB SD CARD MioMap v3 USA & Canada Maps
Mem 256MB SD CARD MioMap v3 Australia Maps

Mem 256MB SD CARD MioMap v3 Eastern European 2006.01 Maps - 18 countries	
Clean Cloth	
Screen Protector 3.5" 10 pcs	
Stereo headset 2.5mm	
Additional features	
Wide-screen navigation	Full map view and split-screen route information
Hands-free calling	Hands-free calling when combined with a **Bluetooth**® wireless technology enabled phone
Tele Atlas maps of Western Europe pre-installed	22 countries: Andorra, Austria, Belgium, Denmark, Finland, France, Germany, Gibraltar, Great Britain, Italy, Ireland, Lichtenstein, Luxemburg, Monaco, Norway, the Netherlands, Portugal, San Marino, Spain, Sweden, Switzerland, Vatican City
Detailed spoken instructions in 14 languages	Danish, Dutch, UK English, US English, Finnish, Flemish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish, Turkish
Safety (speed) camera warnings	Audio and visual warnings for the known locations of fixed safety cameras as well as likely locations of mobile safety cameras (only when allowed by law)
Free Safety camera database update for 1 year	Free safety camera database updates for 1 year from the moment of registration on the www.mio-tech.be website
POI with phone numbers	Thousands of Points of Interests (POIs) in easy to use categories: petrol stations, restaurants, hotels, parking and more. Many of the POI's have a telephone number
POIs along your route	You can now choose to display only the desired route
Smart POI search	Type in the name of a petrol station chain, a movie theatre or a tourist attraction, and the nearest POI with that name will be shown
Clever predictive keyboard	This new feature makes it easier to enter your address by only showing you the letters on the keyboard that correspond to the remaining city or street names
Simple, intuitive navigation	Large buttons, clear icons and intuitive user interface make the C520 very simple to use
Quick Route Calculation	The C520 is always quick, whether responding to your commands, calculating a new route or zooming in on the map
Favourites and History	Store the addresses of your favourite locations, or quickly find the places you've visited before
Informative display	All the journey information you need is shown: estimated time and distance to destination, battery and signal status
Speed Limits	Speed limits are shown at all times for the road you're currently travelling on
Routing Options	Choose between fastest, shortest or economical route – and avoid toll roads or ferries
Versatile user profiles	Car, Pedestrian, Bicycle, Lorry, Taxi, Bus, Emergency
MP3 player & Photo viewer	Listen to your favourite tunes on your C520 or watch your photos on the go