NAVMAN

S-Series

Hardware User Manual

en **English -** Australia | New Zealand | United Kingdom

BEYOND NAVIGATION

Important safety information

PLEASE READ CAREFULLY BEFORE INSTALLING PRODUCT IN VEHICLE

⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

⚠WARNING

Removing original equipment, adding accessories or modifying your vehicle could affect the vehicle's safety or make it illegal to operate in some jurisdictions.

Follow all product instructions and all instructions in your vehicle owner's manual regarding accessories or modifications.

Consult your country's and/or state's laws regarding operation of a vehicle with any accessories or modifications.

It is your sole responsibility to place, secure and use your Navman in a manner that will not cause accidents, personal injury or property damage. Always observe safe driving practices.

Do not mount your Navman in a way that may interfere with the safe operation of the vehicle, the deployment of air bags or other safety equipment.

Do not operate your Navman while driving.

Before you use your Navman for the first time, familiarize yourself with your device and its operation.

On main roads, the distance to an exit calculated by the Navman may be further than the distance shown on road signs. Road signs show the distance to the start of an exit while the Navman shows the distance to the next intersection, i.e., the end of the exit ramp or road. To prepare to exit a road, always follow distance information on road signs.

The use of information regarding safety or speed camera locations may be subject to local laws in the country of use. You are responsible for checking that you can legally use the information in your country or in the country where the information will be used.

⚠CAUTION

Do not handle the Navman while it is hot. Let the product cool, out of direct sunlight.

At full power, prolonged listening to the Navman via headphones or earphones can damage the ear of the user.

CAUTION

Do not expose the Navman to direct sunlight in an unattended vehicle for prolonged periods. Overheating may damage the unit.

To discourage theft, do not leave the Navman, mounting bracket or any cables in plain view in an unattended vehicle.

Warning Notice to Drivers in the United States

State law may prohibit drivers in states such as Arizona, California and Minnesota from mounting objects on their windshields while driving. Please make sure you research and follow your most current State laws. An alternative mounting option is provided in the box with your product; also, stores offer additional mounting alternatives. Navman does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice.

Home Charger-specific safety information

⚠WARNING

To charge your Navman from the mains power, use the home charger (Model: MII050100; Input: 100-240V AC 50-60Hz; Output: 5V DC 1A Max) supplied by Navman as an accessory (may be sold separately). Using other home chargers with your Navman could result in serious injury or property damage.

Never use the charger if the plug or cord are damaged.

Do not expose the charger to moisture or water. Do not use the charger in a high moisture environment. Exposure to water may cause electrical sparks or fires.

Never touch the charger when your hands or feet are wet.

Allow adequate ventilation around the charger when using it to operate your Navman or charge the Navman internal battery. Do not cover the charger with paper or other objects that will reduce ventilation. Do not use the charger while it is inside a carrying case or other container.

Ensure that the charger is connected to a power source with the correct fitting and voltage requirements. The voltage requirements can be found on the home charger casing and/or packaging.

Do not attempt to service the charger as this could result in personal injury. Replace the charger if it is damaged or exposed to excess moisture.

Internal battery-specific safety information

⚠WARNING

Your Navman contains a non-replaceable internal lithium-ion polymer battery. The battery may burst or explode if mishandled, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush or puncture the battery.

Recycle or dispose of the battery safely and properly according to local laws and regulations. Do not dispose of the battery in fire or water.

⚠CAUTION

Only use the correct home charger (sold separately) or in-car charger supplied by Navman to charge the Navman internal battery.

Only use the Navman internal battery with the Navman unit.

The Navman battery will stop charging when the ambient temperature is less than 0ºC (32ºF) or more than 45ºC (113ºF).

Failure to adhere to these warnings and cautions may lead to death, serious injury or property damage. Navman disclaims all liability for installation or use of the Navman that causes or contributes to death, injury or property damage or that violates any law.

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Welcome

Thank you for purchasing this Navman. Please read this manual carefully before using your Navman for the first time. Keep this manual in a safe place and use as your first point of reference.

Important information for using the manual

It is important to understand the terms and typographical conventions used in this manual.

Formatting

The following formatting in the text identifies special information:

Convention	Type of Information
Bold	Components or items displayed on screen, including buttons, headings, field names and options.
Italics	Indicates the name of a screen.

Icons

The following icons are used throughout this manual:

Icon	Description
	Note
	Tip
	Warning

Terms

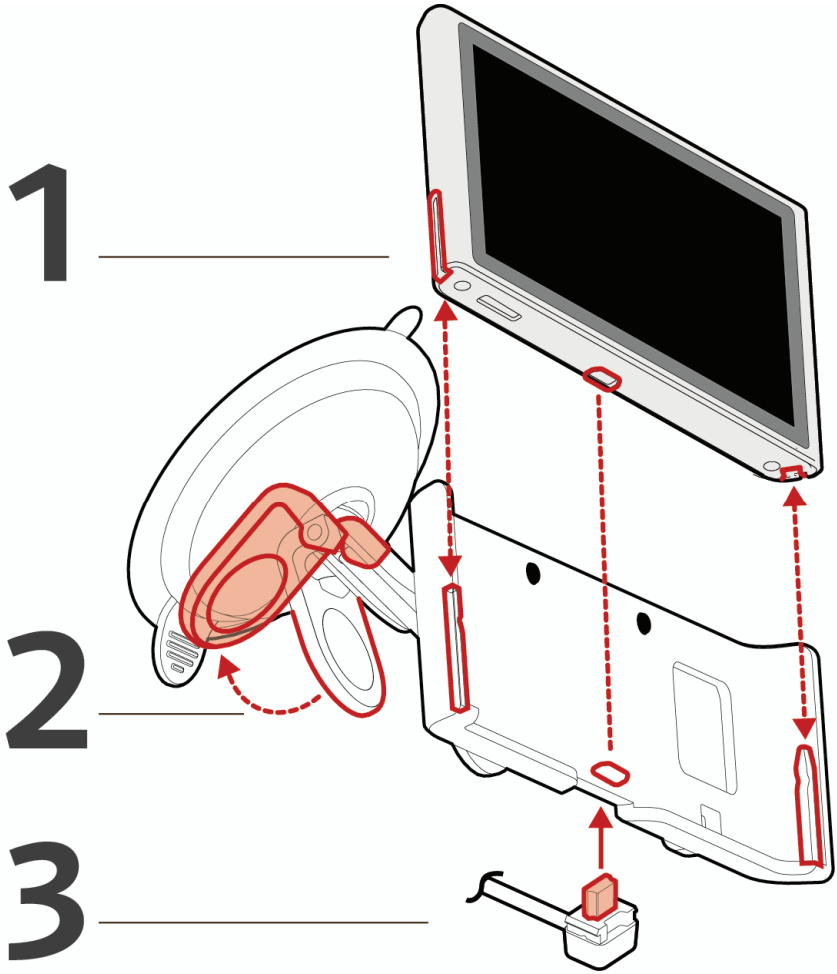
The following terms are used throughout this manual to describe user actions.

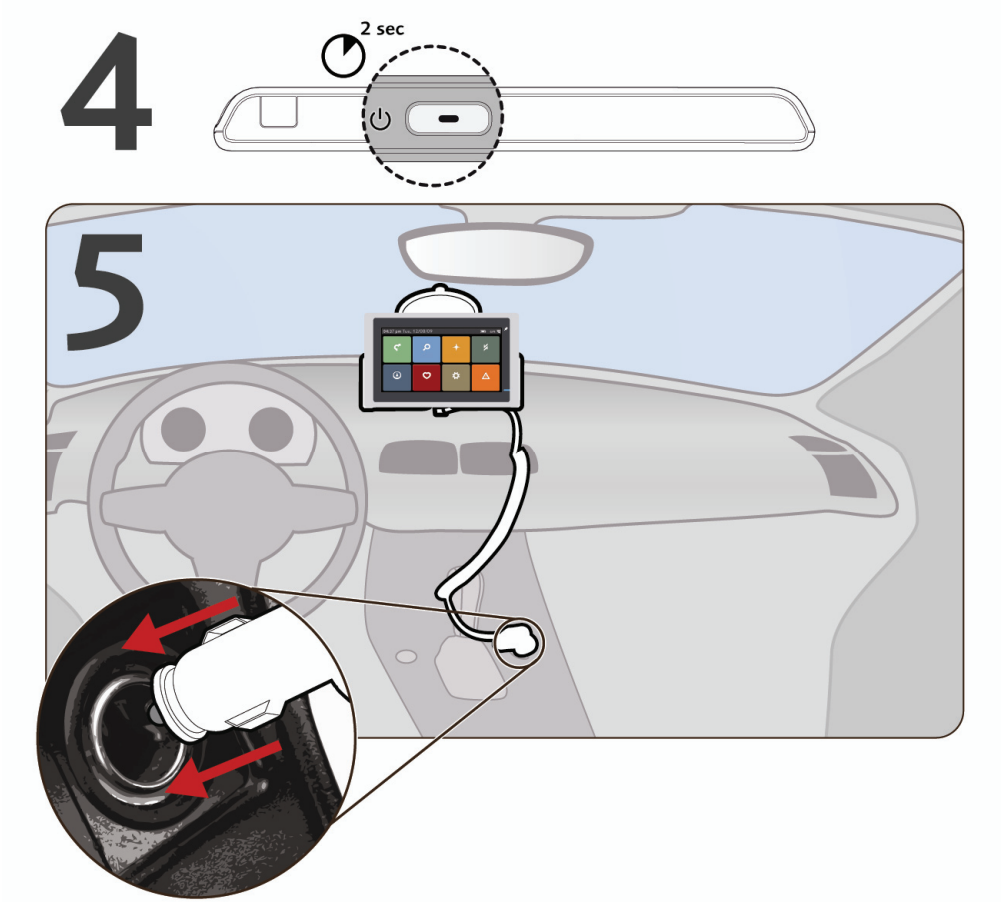
Term	Description
Press	Press and release a button quickly.
Press and hold	Press and hold a button for 2-3 seconds.
Tap	Press and release an item displayed on the touch screen.
Tap and hold	Tap and hold an item displayed on the touch screen for 2-3 seconds.
Select	Tap an item in a list or tap a command from a menu.

Mounting your Navman in a vehicle

CAUTION:

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





Enabling Traffic (TMC) Reception

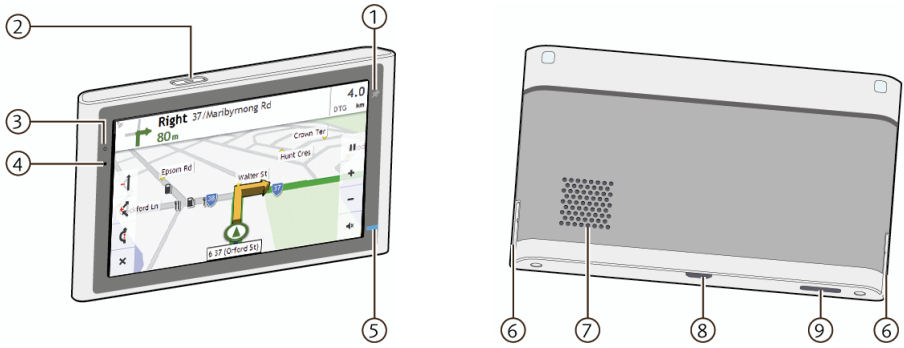
Traffic information is not available on all models and is only available in selected countries.

Depending on the model of your Navman can receive live traffic information in one of two ways:

- If your Navman has a built-in TMC receiver, you can receive live traffic information via the in-car charger which is used as an antenna.
- If your Navman does not have a built-in TMC receiver, you will need to install the TMC accessory kit (sold separately - see www.navman.com for details).

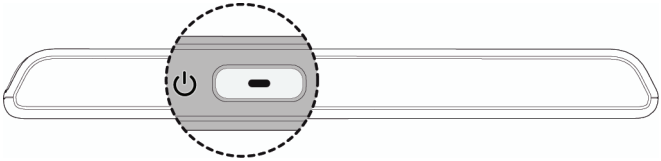
For information on using traffic information on your Navman, see the *Software User Manual*.

Getting to know your Navman



1	Capture button	6	Cradle slots
2	Power button	7	Speaker
3	Microphone	8	Socket for in-car charger, USB cable, USB headphone adaptor, home charger (sold separately) and TMC accessory kit (sold separately)
4	Battery indicator	9	Slot for microSD™ memory card
5	Home screen button		

How do I turn on my Navman?



To turn on your Navman, press and hold ⏻ for 2 seconds.

- To turn off your Navman, press and hold ⏻ for 2 seconds.

To lock the screen when listening to music or in **Walking** mode, press ⏻ , then tap **Lock**.

- To unlock the screen, press ⏻ , then tap **Unlock**.

To enter sleep mode, press ⏻ , then tap **Sleep**.

- To exit sleep mode, press ⏻ .

How do I charge the battery?

Your Navman has an internal battery that when fully charged, should provide power for up to one hour.

The battery may not be fully charged when you use your Navman for the first time.

CAUTION: For optimal performance of the battery, note the following:

- Do not charge the battery when the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging.
- When storing your Navman for a long period of time, be sure to fully charge the battery at least once every two weeks.

The battery indicator light on the Navman indicates the level of internal battery charge:

- Green - battery full
- Orange - battery charging

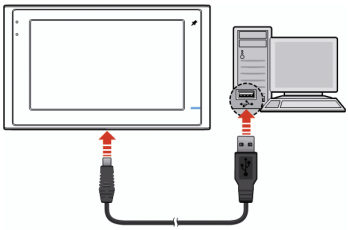
How do I charge the battery in a vehicle?

To charge your Navman in a vehicle, plug the in-car charger into on the bottom of your Navman and the other end into the vehicle power socket.

How do I charge the battery via my computer?

For optimal charging results, ensure that your Navman is turned off while connected to your computer.

1. Turn on your computer.
2. Plug the large end of the USB cable directly into a USB port on your computer (not a USB hub) and plug the small end into on the bottom of your Navman.



CAUTION: When your Navman is turned on and connected to a computer, it is recognized as an external mass-storage device. Do NOT delete any files that are pre-installed on your Navman. Deleting the files can cause your Navman to crash

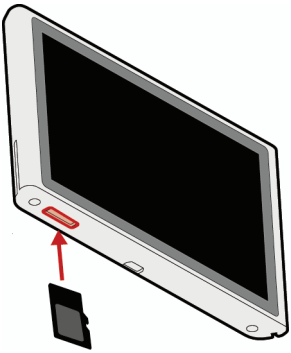
How do I charge the battery at home or work?

To charge your Navman using a mains power socket, plug the home charger cable into on the bottom of the Navman and the mains power charger power pack into the power socket.

The home charger is not included with all models and may be purchased separately (see www.navman.com for details).

How do I insert a memory card?

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



Hold the microSD™ card by the edges and gently insert it into the slot with the label facing the front of the Navman.

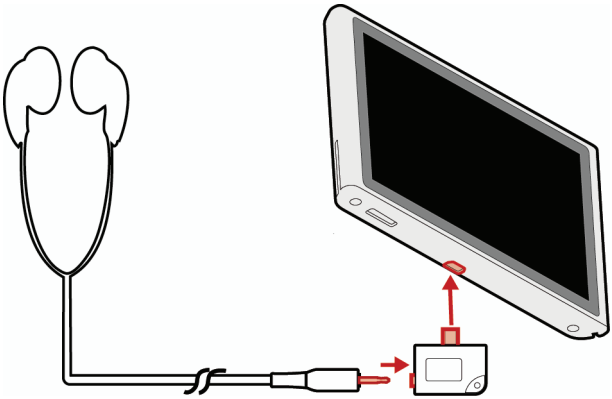
- To remove a card, gently push the top edge of the card inwards to release it, then pull it out of the slot.

How do I use headphones with my Navman?

The USB headphone adaptor may not be included with your Navman.

To use headphones or earphones, connect them to your Navman via the USB headphone adaptor.

Headphones/earphones are not included with your Navman.



Other features

Capturing GPS location

You can capture the GPS co-ordinates of your location by pressing .

The capture feature is only available if your Navman has a GPS fix.

- For information about capture, refer to the *Software User Manual*.

How do I make a hands-free call?

Hands-free calling is not available on all models.

If you have a mobile phone with Bluetooth wireless technology, you can use your Navman as a hands-free car kit. Before you can use this feature you must pair your mobile phone with your Navman.

Ensure that the *Bluetooth* wireless feature of your mobile phone is turned on before you begin pairing.

- For information about pairing, making and receiving phone calls, refer to the *Software User Manual*.

How do I search for a place using Connect?

Connect is not available on all models and is only available in selected countries.

Using Connect, you can search online for places near a specific location.

To use Connect, you must pair your Navman with your mobile phone. If your Navman isn't paired with your mobile phone, then the *Bluetooth* screen will display.

- For information about Connect and using Bluetooth wireless, refer to the *Software User Manual*.

How do I receive current traffic information?

Traffic information is not available on all models and is only available in selected countries.

You can receive current traffic information on your Navman using the Traffic Message Channel (TMC) service. The TMC service is subscription-free. Depending on your Navman model you may require a TMC accessory kit (sold separately).

- For more information about Traffic, refer to the *Software User Manual*.

How do I play music, video or FM radio?

Video playback is not available on all models and is only available in selected countries.

Using Media you can play music or video files that you have downloaded to your Navman, or from your microSD™ card. You can also play FM radio stations and save them for later listening.

- For more information about playing music, video and FM radio, refer to the *Software User Manual*.

How do I receive audio through my vehicle speakers?

FM transmitting is not available on all models.

Your Navman 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.

- For more information about FM transmitting, refer to the *Software User Manual*.

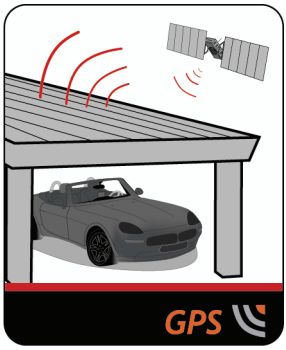
Reference

What is GPS?

The Global Positioning System (GPS) is available at any time, free of charge, and is accurate to within 5m (15ft). GPS navigation is made possible by a network of satellites that orbit the Earth at around 20,200km (12,552mi). Each satellite transmits a range of signals which are utilized by GPS receivers, such as your Navman, to determine an exact location. Although a GPS receiver can detect signals from up to 12 satellites at any time, only four signals are required to provide a position or "GPS fix" (latitude and longitude), for vehicle navigation systems.

How does my Navman receive GPS signals?

Your Navman receives GPS signals via the internal GPS antenna. To guarantee the optimum GPS signal strength, ensure your Navman is outdoors, or in a vehicle outdoors, and has an unobstructed view of the sky. GPS reception is not usually affected by weather, however, very heavy rain or snow may have a negative effect on your reception.



- For more information about GPS, refer to the *GPS Navigation - Frequently Asked Questions* guide on the enclosed DVD.

Caring for your Navman

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

- Keep your Navman away from excessive moisture and extreme temperatures.
- Avoid exposing your Navman to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your Navman or drop objects on your Navman.
- Do not drop your Navman or subject it to severe shock.
- Do not subject your Navman to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your Navman. In the event of moisture condensation, allow the Navman 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 Navman when it is turned on. Use a soft, lint-free cloth to wipe the screen and the exterior of your Navman.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your Navman. Disassembly, modification or any attempt at repair could cause damage to your Navman 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 Navman, its parts or accessories.

Troubleshooting

If you encounter a problem you cannot solve, contact an authorized service centre for assistance.

Problems	Solutions
Power does not turn on when using battery power.	The remaining battery power may be too low to operate your Navman. Charge the battery using the in-car charger, home charger (sold separately) or USB cable, then try again.
Screen responds slowly.	The remaining battery power may be too low to operate your Navman. If the problem still persists, reset your Navman.
Screen freezes.	Reset your Navman.
Screen is hard to read.	Increase the screen brightness.
Cannot establish a connection with a computer.	Ensure that your Navman 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 Navman. Connect the USB cable directly to your computer, not a USB hub. Reset your Navman before connecting the USB cable. Always disconnect your Navman before you restart your computer.

For more information

Online support

For 24/7 help and support with Navman products, visit our Technical Support website at: support.navman.com

Phone support

If you have a faulty product or you would like to speak to a member of our Technical Support team, please call the following number:

Australia

+61 2 9879 9000
Monday to Friday: 8.30am –5.00pm Eastern Standard Time

New Zealand

0800 GO NAVMAN
Monday to Friday: 9.00am –5.00pm

United Kingdom, Ireland and International

+44 (0) 844 800 0912 or +44 (0) 1293 566 100

Monday to Friday: 09.00 - 17.30 UK time (10.00 - 18.30 Central European Time)

Disclaimer

Navman operates a policy of ongoing development. Navman reserves the right to make changes and improvements to any of the products described in this document without prior notice. Navman does not warrant that this document is error-free. The screenshots and other presentations shown in this manual may differ from the actual screens and presentations generated by the actual product. All such differences are minor and the actual product will deliver the described functionality as presented in this User Manual in all material respects.

Compliance

WARNING This product, its packaging and its components contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm. This Notice is being provided in accordance with California's Proposition 65.

For regulatory identification purposes, Navman S-Series is assigned a model number of N214.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Marking labels located on the exterior of your Navman indicate the regulations that your model complies with. Please check the marking labels on your Navman and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

The user needs to turn off the Navman when exposed to areas with potentially explosive atmospheres such as petrol stations, chemical storage depots and blasting operations.

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 RLAN 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

IEC 60950-1:2001: Product Safety

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.

Hereby, Navman Technology Limited declares that this N214 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The software is based in part on the work of the Independent JPEG Group.

The software application uses modified versions of the Minimal XML Library, Flickr Library and Python Library. The libraries and their use are covered by the GNU Lesser General Public License (www.gnu.org/licenses/lgpl.html). The modified source code is available from the following URLs:

- Minimal XML Library: www.navman.com/files/mxml.zip
- Flickr Library: www.navman.com/files/flickrnet.zip
- Python Library: www.navman.com/files/python25.zip

Bluetooth QD ID B014607

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