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You can read the recommendations in the user guide, the technical guide or the installation guide for DELPHI GRUNDIG NAV210W. You'll find the answers to all your questions on the DELPHI GRUNDIG NAV210W in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual DELPHI GRUNDIG NAV210W**  
**User guide DELPHI GRUNDIG NAV210W**  
**Operating instructions DELPHI GRUNDIG NAV210W**  
**Instructions for use DELPHI GRUNDIG NAV210W**  
**Instruction manual DELPHI GRUNDIG NAV210W**

Delphi NAV210W


**Welcome**

Thank you for purchasing the Delphi NAV210W Portable GPS Navigation System. The Delphi NAV210W can play audio (mp3 or wav) files and video (avi) files as well as display pictures (jpg, gif, png), enhancing the entertainment options in your vehicle.

Use this manual to help install Delphi NAV210W in your vehicle, learn how to operate it effectively and safely.

**Contacting Technical Service Support**

For additional information in solving problems with Delphi NAV210W, see Section 14 Troubleshooting.

 This is the safety alert symbol. It is used to alert you to potential injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

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**Manual abstract:**

Obey all safety messages that follow this symbol to avoid possible injury or death. 2 Operation Manual Delphi NAV210W Warning: DANGER OF ACCIDENT When using your Delphi NAV210W in a vehicle, it is your sole responsibility to install, secure, and use the device in a manner that will not cause accidents, personal injury, or property damage, or in any manner obstruct your view or interfere with the operation of vehicle safety equipment. The user of this product is solely responsible for observing safe driving practices. Do not operate your Delphi NAV210W while driving. Park the vehicle first. Do not use the navigation system or entertainment features if it presents a risk to you or any other person or if it is a distraction. OBEY ALL TRAFFIC LAWS The user is solely responsible for obeying the local traffic laws and observing all road signs. Local traffic laws and actual traffic signs always have priority over the information and directions received from the navigation system. The navigation instructions might be inaccurate or incorrect due to detours and construction.

Caution: To avoid overheating of the unit, do not leave Delphi NAV210W on the dash or windshield while your vehicle is unattended, especially in strong sunlight.

Do not use or handle Delphi NAV210W while it is hot. Let it cool away from heat sources before handling it. \* Microsoft and Windows are trademarks of Microsoft Corporation. 3 Delphi NAV210W Table of Contents Section 1 Section 2 NAV 200 Introduction .....5 Unpacking The Delphi NAV210W .....7 Memory Cards..

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case of an accident. Do not attempt to install Delphi NAV210W while driving.

Before installing the Delphi NAV210W, check whether your vehicle is fitted with a heat-reflecting or heated windshield. If so, you will need to purchase an external antenna from your retailer to allow your unit to pick up the GPS signals. Note: Alternative-mounting options may be available for your vehicle make and model. Contact your retailer or Delphi for more information. Note: Some countries prohibit the mounting of any electronic device in any location on the vehicle dashboard. Be sure to check the local laws for applicable mounting before installing the car mount. Note: In the state of California and Minnesota, it is necessary to use the dashboard mount, according to state law. To mount the suction mount to the windshield, follow these steps: 1. 2. Flip up the GPS

Antenna Using the two tabs on the bottom of the cradle, locate the Delphi NAV210W and rotate rearward.

While pushing in the two grey release buttons, continue rotation until unit is firmly seated in the cradle Release the two grey buttons. Reverse operation for unit removal. Position suction cup firmly against windshield at desired location. Flip the lever towards suction cup. Unit is now secure for operation.

3. 4. 5. 11 Delphi NAV210W To remove the suction cup, pull the lever up. Pull the release tab to release the suction.

If the suction cup does not adhere, clean the mounting area of the windshield with a cloth dampened with isopropyl alcohol. Let the area dry, and then reapply the suction cup. Car Mount Precautions The heating and cooling cycle of a vehicle's interior will in some cases loosen the adhesion of the suction cup. Check the vacuum seal of the car mount for adequate adhesion each time you use the unit and reinstall it if necessary. If the car mount has problems staying on, clean the plastic suction cup with alcohol, then reinstall. Moistening the suction cup may help adhesion in some cases. To avoid extreme temperature from damaging the car mount, remove the unit if the temperature inside your vehicle exceeds 70 °C. The dip in humidity and temperature at night may loosen the adhesion of the suction cup. For this reason, as well as for security, it is recommended that you remove both the car mount kit and the Delphi NAV210W when leaving your vehicle overnight. 12 Operation Manual Delphi NAV210W Section 4 Features and Controls Warning: For your safety, program the Delphi NAV210W and enter information about your destination BEFORE you start your journey.

Do not operate Delphi NAV210W while driving. NAV210W Receiver Controls 1 2 3 4 5 6 7 8 9 10 11 12 Power On/ Off Menu button Bird view up Bird view down Flip up antenna Screen saver mode SD card slot DC In Power connector TMC Input jack Touch Screen Stylus Pen Headphone Jack Volume Control 13 Delphi NAV210W Section 5 Getting Started Warning: For your safety, program the Delphi NAV210W and enter information about your destination BEFORE you start your journey.



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Do not operate Delphi NAV210W while driving. Powering Up Power on Press the Power button located on the lower left side for at least one second. Press the Power button located on the lower left side for at least one second. Power off Note: The Delphi NAV210W will continue to charge if connected to a 12 V power jack even when powered down. Enter screen saving mode Press Screen Saver Mode button. The device continues to operate, but the screen will appear blank. 14 Operation Manual Delphi NAV210W Inserting a SD Card Delphi NAV210W has a slot for Secure Digital (SD) cards located in the bottom. Delphi NAV210W will accept SD cards containing digital maps or other data, such as audio (mp3) files, movie (avi) files, or image (jpg, gif and png) files.

The Delphi NAV210W comes equipped with an preinstalled SD card. The card will already be in position in the SD card slot, and ready to use for navigation.

If you choose to use a second SD card (separate purchase required) for music, movie or picture viewing, remove the navigation system SD card by slightly pushing the top of the card to release it, then pull it out of the slot. Make sure the card is not in use before removing it. Power off the unit, insert the new SD card with the label facing the front of the device, and power the unit on.

15 Delphi NAV210W Home Screen The main menu offers eight options, each of which are detailed in the sections that follow: NAVI - Starts up navigation functions. MUSIC - Starts the music playback function that enables playing mp3 and wav files. MOVIE - Starts the movie Playback function that enables playing avi files. PICTURE - Starts the picture function that enables viewing jpg, gif and png files. SETTINGS - Starts the screen/environment setting function.

W CLOCK - Starts the world time function that enables viewing the time in different cities. CALC - Starts the calculator function.

@@@ The screen will display current playback time and playback status. @@Pause: Playback stops temporarily.

@@@@ The file currently being played is highlighted. @@@@ Press this button for a while to move the focus slowly line by line.

@@@@@ Successive files are played automatically in order. Repeat Time Played/Total Time Current Status File in Play Selecting a play interval If a file is damaged, a popup message will appear stating: "Cannot play this file," and play will stop. 22 Operation Manual Delphi NAV210W Playing a Video File At any time, tapping on the video portion of the screen will alternate between full screen mode and menu mode. Menu options on the control bar include: Review: Tap to rewind file; button turns red and file rewinds in 10second increments.

Tap again to resume play at current location. Note: Tapping Review and Play/Pause in rapid succession will begin play from the beginning of the file. Play/Pause: Tap to begin play; tap again to pause. Tapping while in pause resumes play from current location. Note: Tapping anywhere on the video screen will also begin play. Fast-forward: Tap to fast forward file; button turns red and file advances in 10-second increments. Tap play to resume play at current location. List: If multiple files are available, they are displayed on the Movie play list screen. The file currently being played is highlighted. This screen allows you to scroll through your list of audio files.

Press Play to play the highlighted file, or tap Cancel to return to the previous screen. Current Status File in Play Focussed File Index/Total number of files read Page Up Page Down Cancel - Back to the previous Play - Play in full screen as in the Picture-3 Mute: Mutes all volume. Press again to turn sound on again. (Note: Mute button is located in upper left corner of movie display screen.) 23 Delphi NAV210W Section 9 Picture Mode Warning: For your safety,

DO NOT operate the Delphi NAV210W entertainment features while driving.

@@ The Delphi NAV210W allows you to view images saved in gif, jpg or png format on an SD card on the display screen. (Adding pictures requires a higher capacity SD card not included and the ability to download gif, jpg, or png files from a computer. An SD card reader may be required if your computer is not equipped with an SD card slot.) When entering Picture mode, the last file viewed is highlighted in the control bar, along with the number of files in the index.

File Name Current File Index/Total Number of Files Read 24 Operation Manual Delphi NAV210W Viewing an Image File Menu options on the control bar include: Previous: Views the previous image.

Next: Views the next image. Note: If a file is damaged, Delphi NAV210W automatically skips to the next available image. Full size: Expands the image to full screen. Note: Tapping on the image also alternates between full screen view and control bar view. Press an image Press the screen List: If multiple files are available, they are displayed on the Picture list screen. The file currently being shown is highlighted. This screen allows you to scroll through your list of files. Press View to view the highlighted file, or tap Cancel to return to the previous screen. Enlarge/reduce: Pressing the +/- buttons on Delphi NAV210W while in Full Screen Picture mode will enlarge or reduce the image size two times or four times. Use the stylus to tap on the red arrows to move the image across the screen.

25 Delphi NAV210W Section 10 Game Mode Warning: For your safety, DO NOT operate the Delphi NAV210W entertainment features while driving. @@ The Delphi NAV210W offers the classic game of Othello. NAV210W is the black player; the user is white. To play, tap twice on the square where you wish to place your disc. The object of the game is to have the majority of your color discs on the board at the end of the game. A move consists of "outflanking" your opponent's disc(s), then NAV210W's discs will be flipped to white. To outflank means to place a disc on the board so that your opponent's row (or rows) of disc(s) is bordered at each end by a white disc. (A "row" may be made up of one or more discs.) When it is no longer possible for either player to move, the game is over. The player with the majority discs on the board is the winner.

Note: It is possible for a game to end before all 64 squares are filled. 26 Operation Manual Delphi NAV210W Section 11 Calculator Mode Warning: For your safety, DO NOT operate the Delphi NAV210W entertainment features while driving. @@ Delphi NAV210W features a standard calculator offering add, subtract, multiply, and divide functions. When Calculator mode is entered, the Delphi NAV210W will display: C: Deletes the last input. CE: Deletes the last formula.

AC: Clears all. End: Stops Calculator (Ends without a pop-up screen) Tap on the various numbers and function keys as a standard calculator. 27 Delphi NAV210W Section 12 World Clock Mode Delphi NAV210W allows you to check the current time of any city in the world.



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@@@@@@@No GPS fix: 1. 2.

3. Check the satellite icon in the upper right corner of the map view screen. Make sure the antenna on the unit is pointed outward and upward, providing a clear view of the sky. Ensure that the vehicle does not have a heat-reflecting or heated windshield. These cut out GPS signals. An external antenna can be purchased from your retailer to help ensure adequate GPS signal reception. The first time you use Delphi NAV210W, it may take several minutes to get the first GPS fix. The unit self-calibrates and locates the satellites. The information it discovers this time is stored in memory so from that point on, it should take less than 40 minutes to get a fix. If you travel overseas, the unit can take up to 20 minutes to acquire a first fix.

4. GPS randomly loses its fix: Many factors can affect GPS reception. It is best to be outdoors with a clear view of the sky. The GPS receiver continues to search for a signal and automatically recalculates the route once the reception is restored. No audible destination instructions: Check the volume. Adjust volume with dial on right side of unit. Unit does not start: Check that you have followed the instructions. If you are unable to rectify the fault using the information given here, contact your specialist dealer. Never attempt to repair the device yourself under any circumstances, as this invalidates the guarantee.

31 Delphi NAV210W DELPHI GRUNDIG Service PRODUCT DEFECTIVE Within warranty period: Please contact your local dealer.

The dealer needs proof of ownership for the unit as well as a detailed description of the nature of the failure. Out of warranty: In case of defect return the unit to one of our Service Centres or to the dealer together with the invoice as proof of ownership as well as a failure description. You will receive a notification of the cost. The amount will be refunded with the service invoice once the unit is repaired. WEB SERVICES You will find full information about Delphi Grundig

Programme on the Internet at: [www.delphigrundig.com](http://www.delphigrundig.com)

If you have any questions, e-mail: [info@delphigrundig.com](mailto:info@delphigrundig.com) DELPHI EUROPEAN SERVICE CENTRES See separate page. 32 Operation Manual Delphi NAV210W SET ON RECEIVE: INTERNET AND CONSULTATION If you have questions or would like more information on the latest Delphi Grundig products, our telephone service will be pleased to assist. Contact us at +49 18 05/23 24 11 (within Germany/0.

12 Euro/min via Arcor) from Monday to Friday from 8 am to 7 pm. Or visit us on the Internet at <http://www.delphigrundig.com> you will find all the current information on products, technical data and the company. Of course your authorized Delphi Grundig dealer can provide you with details of the current highlights. Whichever option you choose, we will be pleased to assist. [www.delphigrundig.com](http://www.delphigrundig.com) 33 Delphi NAV210W Section 14 Features · 400 MHz CPU for fast navigation calculations and map rendering · Bright, colorful, non-reflective touch screen LCD display · Fast-start, high-speed GPS with high gain antenna · Easy to use Software based on Microsoft® Windows® CE · Navigation map files information pre-installed on SD memory card (included) This device complies with the EU directive 89/336 EEC. Technical Information Dimensions Weight: Specifications 134 mm x 80 mm x 29 mm 190 g Screen size .

.. 3.5" diagonal (89 mm) Screen resolution ... 320 x 240 pixels Number of colors ... 16.  
7M Microprocessor ... Samsung S3C2440/400 MHz Onboard storage memory (for OS) ..  
. 32 MB GPS accuracy ... 16.

5' (5 m), 95 % Time to GPS fix (cold start) ... 2 min Time to GPS fix (hot start) ... 15 sec Map data ... NAVTEQ Ambient specifications: Operating temperature -10° to 50° C Storage temperature -20° to 60° C Power supply: Connections: Rechargeable, high density 730mAh Lithium ion battery DC/IN .

.. 12VDC , 700 mA, PHONE 3.5 mm diameter, stereo Ext. GPS antenna MMCX 34 Operation Manual Delphi NAV210W SD card slot SD cards up to 2GB possible TMC for an external TMC module (not supplied) Technical and design modifications reserved 35 Delphi NAV210W © 2006 Delphi Corporation. All rights reserved. / 36 .



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