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You can read the recommendations in the user guide, the technical guide or the installation guide for DELPHI GRUNDIG CL 210 MP3. You'll find the answers to all your questions on the DELPHI GRUNDIG CL 210 MP3 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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DELPHI GRUNDIG



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CL 210 MP3



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Manual abstract:

Remove the two screws for the transport brace. Installation instructions can be found starting on page 19. @ @ Multimedia CDs not only contain audio tracks but also data tracks. @ @ @ @ Polish and cleaning agents can damage the surface of the panel. s LASER On the top of your device there is a plate marked CLASS 1 LASER PRODUCT. This means that the laser is designed in such a way as to ensure that the maximum permissible emission value cannot be exceeded under any circumstances. s ROAD SAFETY Familiarise yourself with the various functions of the device before you use it while driving. Excessive volume can be dangerous to yourself and other road users. Therefore set the volume so that you can still hear outside noises such as car horns and police sirens clearly. Set the volume using the knob »VOL« on the left of the device.

ENGLISH 5 INFORMATION AND SAFETY s DISC FORMATS Your device can play CD-Rs and CD-RWs in the CD-DA or MP3 formats. The MP3 bit rate must be between 64 kbps and 320 kbps. Due to the difference in quality of the recording media and the quality of the recording itself, it can occasionally happen that a home-made CD cannot be read. This does not indicate a malfunction of the device. You have to finalise your own CD-R/RW recordings. Please remember that the tracks must conform to the ISO 9660 standard. When MP3 CDs are played back, individual tracks may be skipped or incorrectly played back. This can be due to the disc configuration, the encoder software or the hardware used for the recording. Audio CDs (CD-DA) meet the specification and bear the corresponding logo. Copy-protected CDs do not meet this specification and do not bear the corresponding logo. These CDs can cause playback errors. Note If the first track of a multi-session CD contains audio data, only audio data will be played back even if other data formats are recorded. If the first track contains or a multisession CD contains MP3 data, only MP3 data will be played back, other data formats will be suppressed. 6 ENGLISH OVERVIEW RADIO MODE RAD AS/OK Selects RADIO as the input source, selects the waveband (FM, MW, LW). Starts the automatic station scan. Start the automatic station search, for manually setting the frequency. Activates and deactivates the standby mode for traffic news. Blocks and releases alternative frequencies. Station buttons for storing radio stations. SCAN RPT For scanning CD tracks.

For repeating a CD track. TUNE as TP/AF s CONTROLS GENERAL INFORMATION I/O Switches the device on and off, mutes the loudspeakers Turning the control knob: adjusts the volume; changes the sound settings. Reset. Resets the device. The function is activated using a pointed object. SND LOUD VOL Selects the BASS, TREBLE, BALANCE, and FADER sound settings. Switches the LOUDNESS function on and off. Switches between the different display modes (RDS and MP3). 1 ..

6 CD MODE CD Selects CD as the input source. Ejects the CD. as DISP · Select tracks, fast forward and rewind the CD. For playing back tracks in random order.

RAND ENGLISH 7 OVERVIEW RPT For repeating a CD track or all tracks of the current folder. Select tracks, fast forward and rewind the CD. as MP3 MODE VOL AS/OK Control knob: turning selects folders or titles. Pressing opens the folders or titles, starts playback. Selects search functions. Briefly press to switch back to the previous folder. F 2 Briefly press to select the next folder. For playing back CD tracks or all tracks in the current folder in random order. For playing CD tracks or all tracks in the current folder in scan order. RAND SELECT F1 SCAN 8 ENGLISH OVERVIEW An FM stereo station is being received. MP3 MODE READ mp3 CD function. An MP3 CD is inserted. CD symbol, lights up, when a CD is inserted ; moves while playing back a CD. The CD tracks are played back in random order. The introductions of the CD tracks are played.

A CD track is repeated. The tracks in a folder are repeated. CD MODE READ DISC CD function. A CD is inserted. CD symbol, lights up, when a CD is inserted ; moves while playing back a CD. The CD tracks are played back in random order. The introductions of the CD tracks are played. A CD track is repeated. . s DISPLAY GENERAL INFORMATION MUTE .

RDM ON The loudspeakers are muted. The LOUDNESS function is activated. TP Standby mode for traffic news is activated. Alternative frequencies are released. Preset position for the selected station on the buttons »1«, »2«, »3«, »4«, »5«, »6«.

RDM ON SCAN ON LOUD AF SCAN ON RPT TRK RPT FOLD 3 RADIO MODE e.g. VIPRADIO Station name. e.g. 100.60 e.g. FM II e.g. II AM FM band, frequency. FM band (1-3). MW/LW band (1-3). RPT ON ENGLISH 9 BASIC FUNCTIONS s SWITCHING ON AND OFF Caution When the radio is switched on, the automatic antenna extends. Therefore always switch off the device before entering a car wash.

s SWITCHING LOUDNESS ON AND OFF Loudness means that certain frequency ranges are boosted at low volumes. 1 Hold down »SND LOUD« to switch on loudness. Display: »LOUD«. 2 Hold down »SND LOUD« to switch off loudness. Display: »LOUD« disappears from the display. s SOUND SETTINGS For BASS, TREBLE, BALANCE, and FADER: 1 Select a setting by pressing »SND LOUD« once or several times. BASS changes the bass setting (scale »7« to »+7«). s ADJUSTING THE VOLUME 1 Press »I/O« to switch the device on. 2 Hold down »I/O« to switch the device off.

Note If the device is switched on while the ignition is on, it then switches off and then on again automatically with the ignition. This is provided that the contact A 7 is connected to terminal 15 of the vehicle (see page 20). If the device is switched on without the ignition using »I/O«, it switches off automatically after 120 minutes to protect the battery of the vehicle. The device can then be switched on again with »I/O«. 1 Adjust the volume using the »VOL« control knob.

Display: e.g. »VOL 10« (scale »00« to »63«). BAS 0 TREBLE changes the treble setting (scale »-7« to »+7«). VOL 10 s MUTING THE LOUDSPEAKERS 1 Press »I/O« briefly to mute the connected loudspeakers.

Display: »MUTE«. 2 Press »I/O« briefly to switch back to the original volume. Display: »MUTE« disappears from the display. TRB 0 BALANCE enables you to balance the volume between the left and right loudspeakers. BAL 0 10 ENGLISH BASIC FUNCTIONS FADER enables you to balance the volume between the front and rear loudspeakers. 3 To finish the setting, keep pressing »SND LOUD« until the selected station appears in the display. FM II s SETTING THE TIME 1 Press »DISP« briefly.



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Display: the time. 2 Press and hold down »DISP« for 2 seconds. The minutes flash.

3 Set the minutes using the control dial »VOL«. 4 Press »SND LOUD« briefly. The hours flash. 5 Set the hours using »VOL« and press »DISP« to confirm. Note If the device receives a RDS station with the RDS time signal (CT), the clock is updated automatically at certain intervals. FAD 0 2 Change the selected setting with the control knob »VOL«. Display: Bass level raised by. »+3« for example. RADIO 11 BAS +3 Note After approximately five seconds, the device quits the selected function (BASS, TREBLE, BALANCE or FADER) automatically. ENGLISH 11 RADIO MODE s SELECTING THE RADIO INPUT SOURCE s SELECTING THE WAVEBAND 1 FM (VHF) band: Keep pressing »RAD« until the desired frequency band is found.

Display: » FM I«, » FM II« or » FM III«. FM III s RADIO TRAFFIC NEWS (TRAFFIC PROGRAM) 1 To switch the Traffic Program function on and off, press »TP/AF« briefly. Display: » TP «. Traffic news standby is activated. FM III TP If you only wish to hear traffic news, switch on the Traffic Program function using »TP/AF« and use »VOL« to turn the volume to »VOL 00«.

1 Press »I/O« to switch on the device. If the device was in RADIO mode when it was last switched off, you will hear the last station selected when you switch it on again. FM II VIPRADIO s ALTERNATIVE FREQUENCIES (AF) If you are listening to an RDS (Radio Data System) station which broadcasts on several different frequencies, the device automatically switches to the frequency with the best reception. The AF function is activated by default. In areas with very poor reception there may be long pauses while the radio attempts to find a better frequency.

If this is the case you can deactivate the AF function. 2 MW/LM band: Keep pressing »RAD« until »I AM «, »II AM « or »III AM « and the current frequency appear in the display. III AM VIPRADIO LW 153 When » TP « is not displayed, traffic news standby is deactivated. Notes If you are tuned to a station which does not broadcast traffic news, the device automatically searches for the next station which does. If the TP function is activated, cassette mode is also interrupted for traffic news. VIPRADIO 2 In CD mode, press »RAD« to switch to the RADIO input source. @@ The function is deactivated. » AF « is not displayed. 2 Hold down »TP/AF«. The function is activated.

@@ Display: » FM I«, » FM II«, » FM III«, »I AM the station button »3«. @@@@ Display: »5« disappears.

@@@@ Playback then starts. @@@@ The CD is ejected. @@@@ 6 To start playback, briefly press »AS/OK«. 3 Enter the letters using the control dial »VOL« and press »AS/OK« to confirm. Display: the second input position »A« flashes. 4 To enter more letters, repeat step 3 (up to eight characters). 5 To start the search, press »AS/OK« and hold it down for two seconds. Display: the name of the folder or track which contains the sequence of characters you entered.

6 Press »AS/OK« to start playback. Playback starts with the first track in the selected folder. SELECTING THE PREVIOUS OR NEXT FOLDER 1 During playback press the preset button »F 2«. Display: »FOLDER))«. Playback skips to the start of the next folder.

REPEAT FUNCTIONS 1 Press »RPT« briefly during playback. 5MP3 SEARCHING FOR FOLDERS OR TRACKS BY NAME You can look for folders and tracks on the MP3-CD using their names or parts of their names. 1 Press »SELECT« three times. Display: »CHAR SCH«. FOLDER or)) DISC T 03 DISC The current track is repeated constantly.

or During playback, press »RPT« until you hear a signal tone. Display: briefly »RPT FOLD«, then the number of the station button »5«. 504 CHAR SCH 2 Press »AS/OK« briefly. Display: »A« flashes. DISC 1 During playback press the preset button »F 1«. Display: »FOLDER («. Playback skips to the start of the previous folder. FOLDER ((DISC - XAV DISC All tracks in the current folder are repeated constantly. 2 To end this function, press »RPT«. Display: »5« disappears.

ENGLISH 17 CD MODE PLAYING BACK TRACKS IN RANDOM ORDER 1 Press »RAND« briefly during playback. Display: briefly »RDM ON«, then the number of the station button »3«. 3MP3 PLAYING THE START OF EACH TRACK (SCAN) 1 Press »SCAN« briefly during playback. 401 T 10 DISC T 08 DISC The tracks on the entire MP3 CD are played back in random order. 2 To end this function, press »RAND«. Display: »3« disappears. The first ten seconds of the first track in each folder are played. 2 To end this function, press »SCAN«. Display: »4« disappears. 18 ENGLISH INSTALLATION AND REMOVAL s DIN FRONT MOUNTING Ask your dealer for information on fitting equipment and other accessories.

1 Remove the transport securing screws. 2 Remove the mounting frame b provided from the device using the removal hooks d (Fig. 1). 3 Fit the mounting frame b in the radio recess a of the vehicle (Fig. 1).

4 Bend the catch flaps c behind the radio recess a depending on the type of vehicle (Fig. 1). 5 Connect all supply and connection cables to the device. Note the correct polarity! 6 Push the device into the fitted mounting frame b as far as it will go. The device latches in.

Note The device is very powerful. This means that it heats up considerably during operation. You must therefore make sure that no cables or other parts touch the device. If the insulation melts it could cause a short circuit or even a fire. 7 To pull out the device, insert the two removal hooks d into the opening in the front panel and push them in as far as they will go (Fig. 2). 8 Push both hooks outwards and slowly pull out the device (Fig. 2). 1 b a d c 4x 2 d ENGLISH 19 INSTALLATION AND REMOVAL s CONNECTING THE ANTENNA s FUSE s POWER SUPPLY Flat pin connectors A (Fig. 6): A5 +12 V switching voltage output (max).

0.5 A). When the device is on, the switching voltage is on flat pin contact A 5 and serves to extend and retract the antenna, provides an operating voltage for the antenna amplifier, etc. 4 6 C 1 2 3 4 3 4 5 6 5 6 7 8 7 8 A 8 Earth connection (minimum cross-section 2.



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5 mm for positive and earth connection). Connect to terminal 31 (earth) of the vehicle. 10 A 15 B A 7 5 I A 2 Connection for +12 V ignition voltage. Connect to terminal 15 of the vehicle if you want the device to switch on and off with the ignition. The device is designed for antennas with 75 to 150 impedance.

Extended antenna cables can impair reception.

If necessary use an antenna adapter (Fig. 4). 1 Fix the antenna adapter or cable in the plastic holder (Figs. 4 and 5). 15 A/DIN 72 581 flat fuse.

@@ Connect to terminal 30 (continuous positive) of the vehicle. Note You do not have to connect A 4. @@@@@6, page 20). Maximal output power at 4 loudspeakers: 4 x 22 W/4 x 45 W music signal power. Front loudspeakers B3 B4 B5 B6 right + right left + left s OPERATION WITH A CAR PHONE You can connect your device to a car phone or radio device.

The device is muted when the car phone or radio device is being used. »TEL MUTE« appears in the display. TEL MUTE Rear loudspeakers B1 B2 B7 B8 right + right left + left Caution Do not connect the loudspeaker connections to each other or earth them. This can damage the device or the loudspeakers.

ENGLISH 21 INFORMATION s RADIO RECEPTION CONDITIONS Reception conditions in the FM range change all the time during a journey. Mountains, buildings or bridges can impair reception. This is especially true when the station is very distant. finished, it switches back to the current station. The traffic news standby function (TP) must be activated. CD MP3 MODE Max.

number of tracks per CD: 500 Max. number of folder levels: 100 Permissible MP3 bit rates: 64 to 320 kb/s Permissible variable MP3 bit rates: 64 to 320 kb/s Permissible sampling frequency: 32/44/48 kHz s TECHNICAL DATA The device complies with the EU directive 89/336 EWG. RADIO DATA SYSTEM (RDS)

RDS is an information system for which most FM stations transmit additional signals. With RDS stations, the name of the station appears as an abbreviation in the display, for example »VIPRADIO«. Additional information, such as the frequency, time and station type (PTY) can be displayed. RDS stations are broadcast by several transmitters at different frequencies (alternative frequencies). If an RDS station is selected the device automatically switches to the alternative frequency with the best reception, provided one is available. TELEPHONE INPUT GENERAL INFORMATION Power supply: Rated power: (DIN 45324, 10% THD) Music power: 11 ...

14.4 V 4 x 22 W (4 Ohm) 4 x 45 W (4 Ohm) Mute switch voltage inactive: Mute switch voltage active: 3.0 V 1.5 V DIMENSIONS AND WEIGHT Dimensions: DIN 1 slot approx. 18.

7 x 5.1 x 18.8 cm (B x H x T) Weight: approx. 1.5 kg RADIO UNIT FM frequency range: MW frequency range: LW frequency range: 87.5 ... 108.0 MHz 531 ... 1602 kHz 153 ...

279 kHz ENHANCED OTHER NETWORK (EON) The EON function is an additional RDS service. If the current station does not provide traffic news, EON switches automatically to the traffic news of another station. After the bulletin has CD UNIT Frequency range: Noise voltage ratio (wtd.): 20 Hz ... 20 kHz 78 dB Technical and design modifications reserved. 22 ENGLISH INFORMATION s TROUBLESHOOTING If a fault occurs, first refer to this information before you take the device for repair. If you are unable to rectify the fault using the information given here, contact your specialist dealer. Never under any circumstances attempt to repair the device yourself, as this invalidates the guarantee.

FAULT The device cannot be switched on Poor radio reception Frequent loss of radio reception Not all loudspeakers work CD player does not work POSSIBLE CAUSE FAULT On/Off button pressed too briefly You are in an area with poor reception conditions AF function is working in an area with poor reception Incorrect BALANCE and FADER settings The CD is dirty REMEDY FAULT Hold down the On/Off button longer Wait until conditions improve Deactivate AF function Check settings and change if necessary Clean the CD with a soft lint-free cloth. Do not use a cleaning agent Fasten the device Reduce the volume Press the » « button. Clean the CD and insert it as stated in the operating manual Insert the CD with the label facing upwards Insert another CD Insert another CD Do not store more than 500 titles on one CD Change the recording process Error 1 Error 2 The device is not firmly mounted The device is too hot (temperature above 70 °C) Problem with the CD mechanism Playback errors: Dirty CD CD is upside down CD is scratched The CD contains data which the device cannot read The MP3 CD contains more than 500 titles MP3 titles are incorrectly coded Error 3 Error 4 Not all of the MP3 titles are played back ENGLISH 23 .



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