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You can read the recommendations in the user guide, the technical guide or the installation guide for SILVERCREST CRB-631. You'll find the answers to all your questions on the SILVERCREST CRB-631 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

- User manual SILVERCREST CRB-631**
- User guide SILVERCREST CRB-631**
- Operating instructions SILVERCREST CRB-631**
- Instructions for use SILVERCREST CRB-631**
- Instruction manual SILVERCREST CRB-631**

Contents - CRB-631

English

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Manual abstract:

@@@The car radio was only designed for use in a motor vehicle. Any other use is contrary to its intended purpose. The manufacturer does not assume any liability for improper use of the device. Unauthorised modifications or changes not described in this user guide are not permitted. 3 CRB-631 - Preliminary notes 3 Preliminary notes Thank you for selecting our Bluetooth car radio SilverCrest CRB-631. In order for you to use this device and all its features to their full advantage, we recommend that you read the instructions in this guide before using it for the first time, even if you are familiar with handling electronic devices. Please pay particular attention to the chapter Important safety information. Store this guide in a safe place for future reference. If you sell or transfer this device, always include this user guide. We recommend keeping this guide in the glove compartment of your car.

It is the most important reference for handling the device. For all product descriptions and user instructions, the German version is the ultimately valid reference in the event of possible deviations in other languages. The device should preferably be installed by an experienced person. Inexperienced persons should consult an expert. 4 Copyright The contents of this guide may not be reproduced, copied or otherwise duplicated in electronic, mechanical, magnetic, optical, chemical, manual, or any other form without the permission of our company, nor may they be stored in a search engine or translated into another language.

5 Manufacturer's information Further information can be found at: JNC Datum Tech GmbH Benzstrasse 33 71083 Herrenberg Germany www.jnc-digital.de www.mysilvercrest.de Version: 1.

0 Date of issue: 12.02.2010 4 Important safety information - CRB-631 English 6 Important safety information Please read and strictly observe the following instructions! This user guide occasionally contains special highlighted notes. These vary as follows: Note: Notes contain special information on economical use Caution!! Notes marked with the word CAUTION or the symbol draw your attention to potential damage to equipment or the environment. The device contains an integrated class 1 laser (CD drive). This is installed at an inaccessible location in the device and does not constitute a health hazard. Do not take the car radio apart, make any modifications or attempt to repair it yourself. Never open the case of the car radio; it does not contain any serviceable parts! If the case is open, there is a risk of fatality due to electric shock. The car radio and the accompanying components should never be exposed to dripping or splashing water. Make sure that no containers filled with liquid, such as bottles or cups, are placed in the vicinity of the device.

Make sure that the display is not subjected to any knocks. These could damage the display. Make sure you are familiar with the different functions of your device before you start driving. Excessively high volumes can pose a risk for you and other road users. Therefore always set the volume to a level at which ambient noises (horns, sirens etc) can still be heard. Multimedia CDs also include data files in addition to audio files. If you play such a CD in spite of the warnings, loud noises can occur at a volume level which can constitute a traffic hazard. In addition, power amplifiers and speakers can also be damaged as a result. Do not use the car radio at an excessively high volume. This can damage your hearing.

Only make any adjustments to the settings when your vehicle is parked. Your concentration might otherwise be negatively affected by the changes. 5 CRB-631 - Important safety information 6.1 Notes on operation/connection Only connect the device to a 12V battery; the negative pole must be connected to ground.

Do not switch on the radio for long periods of time if the vehicle engine is not running.

It has a comparatively high power consumption and can drain the battery to such a low level that the engine cannot be started. Such a low charge also has a negative effect on the life of the battery. If you do not have sufficient knowledge to install the radio yourself, consult an expert. Please note that any resulting costs will not be borne by JNC. Before you install the device in the 1-DIN slot provided in the dashboard, take a look at the wiring and make sure that all functions are in order.

Only use the accessories supplied with the device to ensure correct installation. The use of parts which are not approved can cause malfunctions. Please consult your car dealer if it is necessary to drill holes or make any other modifications to your vehicle to install the device. When installing the radio ensure that it does not impede the driver and cannot injure passengers in the event of an accident. This radio is designed for installation in vehicles with a 12V battery and with connection of the negative pole to ground. Before installing the radio in RVs, trucks or buses, always check the battery voltage. Before starting installation work, disconnect the battery. This will prevent short circuits. When connecting the power amplifier and the other devices, comply with the corresponding instructions in this user guide. Secure the electric cables with clamps or adhesive tape.

Protect cables laid on bare metal surfaces by wrapping them in adhesive tape. Lay and secure all cables so that they do not make contact with moving parts such as the gear shift, hand brake or the rails of the seats. Do not lay the cables at places which can become hot (e.g. heater outlets), as there is the risk that the insulation could melt and cause a short circuit on the bodywork of the vehicle. Do not route the yellow wire of the battery connection into the engine compartment through a drilled hole, as the insulation could be damaged and cause a dangerous short circuit. Do not shorten cables, as this could negatively affect the function of the protection circuit. Never tap the power supply by cutting into the insulation of the 12V connection cable and connecting another consumer, as this would exceed the capacity of the cable and cause overheating. When replacing a fuse always ensure that it is replaced by a fuse of the same type with the same specified amperage. 6 Important safety information - CRB-631 This radio may only be connected to high-performance speakers with a minimum rating of 30 W and impedance ranging from 4 to 8 ohm.

If speakers with a different rating or impedance values are connected, the speakers can catch fire, start to smoke or suffer damage. When the power of this device is switched on, a control signal is output on the blue wire. Connect this to the remote control connection of the external power amplifier or g for this product consists of 100% environmentally friendly materials that can be disposed of via your local recycling facilities. The remote control contains a lithium battery. Information on correct disposal of batteries can be obtained from the competent department of your local municipal authority, the local waste disposal company or the shop in which you bought them.



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Disposal of the packaging Disposal of the battery Batteries should not be disposed of with household waste. Batteries and rechargeable batteries must be returned to retail outlets or disposed of at a municipal collection point. 9 CRB-631 - Items supplied 8 Items supplied 1. Bluetooth car radio 2. Case for the operating panel 3.

Installation frame 4. External microphone 5. Installation fittings 6. Remote control (including battery) 7. User guide Note: Illustrations are not to scale. 10 Installation - CRB-631 English 9 9.1 Installation ISO connection Power supply The car radio has a built-in ISO connection and is supplied with the installation brackets. It can be easily fitted into your vehicle. The diagram for the ISO connection with which the majority of vehicles is equipped is shown below. If your vehicle does not have an ISO connection, you can use an ISO adapter with free wires which is available as an accessory to connect the radio.

The wires can then be connected as shown below. Caution!! Never connect cables to the system as long as it is connected to the battery. Whenever the battery is disconnected, the memory is erased and the factory settings are restored. 1 2 3 4 5 6 External microphone socket Subwoofer OUT socket LINE-OUT socket red/white (e.g. for amplifier) Antenna socket Fuse (15A) ISO connections for the power supply (ISO-A) and speakers (ISO-B) (refer to diagram on the next page) 11 CRB-631 - Installation ISO-A A4 A5 Yellow B+ 12 V, direct battery connection. Blue For the control input of an external amplifier or to the automatic antenna (max. 100 mA / 12 V). Orange For dimmer control terminal. (If the headlights are switched on, the display lighting is dimmed) Red ACC. Connection of the positive pole controlled by the ignition key/switch (12 V). GND (ground) For an effective ground connection to the vehicle B3 B4 B5 B6 Right + Right Left + Left ISO-B Front speakers (grey) (grey/black) (white) (white/black) Rear speakers B1 B2 B7 B8 Right + Right Left + Left (purple) (purple/black) (green) (green/black) A6 A7 A8 Note on the assignment of the ISO-A connector The diagram shows the most common pin assignment. Several car manufacturers such as VW, Audi, Opel and Vauxhall reverse pins A7 and A4, and the preset channels and other programmed settings are lost when the ignition is switched off. For this reason follow the instructions given in your vehicle manual. 12 Installation - CRB-631 Speakers Connect the speakers in accordance with the following diagram; incorrect connection can cause damage to your radio or speakers.

Front left Front right Rear left Rear right English Correct connection Incorrect connection Caution!! Only use speakers which are not connected to ground. Only use speakers with a minimum rating of 30 W; weaker speakers could be damaged at a high volume. Only use speakers with an impedance of 4 ~ 8 (ohm). Speakers with a higher or lower impedance could cause damage to your car radio. Do not use speakers with a 3-wire connection and never connect the negative pole of the speaker to the vehicle ground (GND).

The car radio CRB-631 is equipped with a BTL circuit (bridging circuit) and each speaker must therefore be connected with insulated wires as shown in the wiring diagram. The speaker cables and/or an optional external power amplifier must always be at least 30 cm away from the antenna and/or all antenna extensions. 13 CRB-631 - Installation 9.2 Installing the device If you do not have sufficient knowledge to install the radio yourself, consult an expert. Please note that any resulting costs will not be borne by JNC. Caution!! Always observe the following safety instructions for connection of the device: Read the entire installation section before connecting the device. Disconnect the negative pole of the vehicle battery for the duration of the installation. Observe the vehicle manufacturer's safety instructions during installation. The cross-section of the positive and negative cables must not be less than 2.5mm².

Do not connect any of the vehicle's plugs and cables to the radio unless you have the necessary specialised knowledge! Depending on the design of your vehicle, installation may deviate from this description. JNC does not assume any liability for damage caused by faulty installation or connection or for any resulting damage. The device must be fitted in a horizontal position at an angle of less than 30°. Before fitting the radio remove both transport screws on the top of the device (attached with a red information label). Fig. 1 1) 2) 3) 4) 14 Fig. 2 Place the installation frame into the 1-DIN installation slot in the dashboard (Fig. 1). Bend the securing tabs for fixing the installation frame outwards with a screwdriver. Screw the M5 bolt into the corresponding thread on the rear of the car radio.

Check the electrical connections as described above (either ISO connection or single wires). Installation - CRB-631 5) 6) 7) Connect the ISO connectors A and B to the corresponding connections of the radio. Push the radio into the installation frame until it clicks into place (Fig. 1). Then finish installation by placing the front trim frame onto the front of the car radio (Fig.

1). English Note: Only fit the operating panel when the car radio has been fully fitted. The operating panel could otherwise be damaged when you push the car radio into the slot when the panel is already fitted. Steps 8 and 9 are only possible when the rear of the radio is accessible inside the dashboard or console. 8) 9) Push the assembly rail (perforated metal strip) onto the M5 bolt and secure it with the M5 nut (Fig.

2). Secure the other end of the assembly rail to the vehicle bodywork with a Bt5x16 screw (Fig. 2). 9.3 Removing the device Fig. 3 To remove the device CAREFULLY remove the trim frame from the radio (without using force, as the connecting pins could snap). Then insert both removal tools on the left and right of the radio until they engage. Then carefully remove the device from the dashboard. 15 CRB-631 - Overview of the device 10 Overview of the device 10.1 Front 1.

Open 2. Button 6 / Track + 10 3. Button 3 / Intro 4. Button 2 / Repeat 5. Button 5 / Track - 10 6. Button 1 / Pause 7. Button 4 / Random 8. LCD display 9. Volume control + / 10. Telephone button: Accept call (Pick-up) 11.

Previous track / Tune down 12. Telephone button: Reject/Hang up 13. Next track / Tune up 14. On/Off/Mute 15. Select 16.

Telephone menu Note on no. 19 - AUX-IN (3.5 mm): 17. Mode (Radio, CD, SD, USB, AUX) 18. IR receiver 19.

AUX-IN (3.5 mm) 20. Button 7 / AF 21. Telephone button / AS / PS 22. Button 0 / Display / REC 23. Button 8 / TA / TP 24. Telephone button # / Band button (FM / AM) 25. Numeric button 9 / PTY 26. USB connection External audio devices (such as MP3/MP4 players, cassette recorders, mini-disc players etc.) can be connected to the 3.



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5 AUX-IN socket with the earphone output or AUX-OUT. A connection cable (not included in the scope of supply) is required to connect the audio devices (3.5 mm mini-jack to mini-jack). Note: The corresponding button numbers are used in the following text for easier location (e.g. for button 1 -> (1), for button 2 -> (2)). Unfold the cover of the user guide with the overview of the device. This shows the respective button numbers. 16 Overview of the device - CRB-631 10.2 Front (open) English 28.

SD card slot 29. Eject 30. Anti-theft LED 31. Reset (restore factory settings) 32. CD loader 33.

Contacts 17 CRB-631 - Overview of the device 10.3 Display overview An overview of the display is given here. Different symbols light up depending on the operating mode, settings and the media used. Symbol DISC EQ (POP, ROCK, CLAS, FLAT) LOUD MUTE LOC INT RPT RDM OGG, WMA, MP3 USB, M.CARD TA, TP EON AF PTY Description Lights up when a CD is inserted and read.

Lights up when one of the preset equalisers is switched on. Lights up when the LOUD function is switched on. Lights up when the mute function is activated. Lights up when local mode is switched on. Lights up when Intro is switched on. Lights up when Repeat is switched on. Lights up when Random is switched on. OGG lights up when Ogg Vorbis audio files are played, WMA lights up when WMA audio files are played and MP3 lights up when MP3 audio files are played. Lights up when a USB device or memory card are used. Lights up if a station is broadcast in stereo.

Lights up when TA or TP is switched on. Lights up when EON is switched on. Lights up when AF is switched on. Lights up when programme information is received. Lights up when the Bluetooth functions are used. 18 Overview of the device - CRB-631 10.4 Removing and attaching the operating panel English Attachment Carefully place the left-hand side of the operating panel onto the locking pin. Then gently push the right-hand side onto the locking pin and carefully push the operating panel upwards until it clicks into place. Removal Tilt the operating panel outwards by 45° (1). Carefully push the operating panel to the left and pull it out towards you.

Caution!! Never exert force on the buttons or display when removing or attaching the operating panel. Protect the operating panel against knocks and theft. Always place the operating panel in the case provided when it has been removed. Note: Never tilt the operating panel outwards completely (90°), as the frame would then impede its removal. 19 CRB-631 - Overview of the device 10.

5 Button functions Button Every button Plus (+) Minus (-) Function Switch on the device - Switch off the device (press for longer than 2 seconds) - Press briefly to activate MUTE Volume / Increase Volume / Decrease Accept call (Pick-up) Reject call (Hang up) Switch between the functions (TUNER CD A2DP SD USB AUX TUNER) (CD/A2DP/SD/USB are only displayed if corresponding media are inserted/connected) Selection button for standard settings TUNER mode - Automatic station search (press briefly) - Manual station search (press for longer than 2 seconds) CD/SD/USB mode - Next track (press briefly) - Fast forward (press for longer than 2 seconds) - Previous track (press briefly) - Fast reverse (press for longer than 2 seconds) Mode T-MENU SEL Button Tune up button () Tune down button () 0 (DISP) 1 (PAU) 2 (RPT) 3 (INT) 4 (RDM) 5 (-10) 6 (+10) 7 (AF) 8 (TA) 9 (PTY) (AS/PS) # (Band) Activate/deactivate Pause Activate/deactivate "Repeat" Activate/deactivate "Intro (10 secs.)" Activate/deactivate "Random" Go back 10 tracks Go forward 10 tracks Activate/deactivate "Alternative frequency" (refer to the following pages) Activate/deactivate "Traffic announcement" (refer to the following pages) Activate/deactivate "Programme type" (refer to the following pages) Auto Store and Preset Scan Selection of the frequency band (FM 1 FM 2 FM 3 MW1 MW2 FM 1) - Select preset stations (press briefly) - Save current station (press for longer than 2 seconds) 20 Overview of the device - CRB-631 Traffic announcement (TA) The TA button is used in TUNER mode to switch the "Traffic announcement" function on and off. The default setting is OFF. Press the TA button to switch the function on and press it again to switch it off. If the "Traffic announcement" function is active, the device automatically tunes into a station with traffic announcements (TA appears on the screen).

If the "Traffic announcement" function is switched on but no traffic news is currently available, the TA symbol flashes on the display. If the device cannot receive a station with traffic announcements, it returns to the previously set station. If the TA function is switched on, but no RDS signal is received, the symbol TP flashes on the display. If the device is run in another mode when the TA function is active (such as CD, USB, SD or AUX-IN), the device automatically switches to TUNER mode if a traffic announcement is received and the traffic announcement is transmitted. After the traffic announcement the device automatically returns to its previous mode. When a traffic announcement is being made, the buttons AS/PS, (preset) buttons [1-6] / PTY / MODE / Tune up / Tune down and the Band button are locked. When the TA button is pressed briefly once, the received traffic announcement is ignored. The "Traffic announcement" function is switched off by pressing the TA button twice. Programme type (PTY) The "Programme type" function is switched on and off by pressing the PTY button in TUNER mode. The default setting is OFF.

If the "Programme type" function is switched on and a corresponding station is received, the PTY information is shown on the display. If the "Programme type" function is switched on, the last selected PTY programme can be searched for by pressing the buttons Tune up/Tune down. The PTY genre of your choice can be selected by pressing and holding the PTY button and afterwards pressing the plus (+) or minus (-) buttons. If you press the PTY button again, the device searches for a station which corresponds to this PTY genre. If no corresponding station is found, the message "NOT FND" (not found) is shown on the display and the PTY symbol flashes. The PTY search is cancelled by pressing the PTY button again. Alternative frequency (re-tuning if the signal is weak) (AF / REG) The "AF" function is switched on or off by pressing the AF button in TUNER mode. The default setting is OFF. If the AF function is switched on and available on the selected station, the AF symbol is shown on the display. If the function is not available, the symbol flashes.

If the AF button is pressed in TUNER mode for longer than 2 seconds, the "REGIONAL" function is switched on or off. The default setting is OFF. If the REG function is switched on, the device searches for the station with the same station ID on another frequency.



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If the function is switched off, the station ID is ignored. English 21 CRB-631 - Overview of the device 10.

6 Remote control Using the remote control for the first time Before using the remote control for the first time, remove the transparent protective plastic foil. Pull the tab to remove the foil. Open the battery compartment to insert the battery. Insert a 3V battery type CR2025. Ensure correct polarity (+ and -) are marked in the compartment).

1. T-Menu (telephone menu) (Bluetooth function) 2. Pick-up button / Mode button 3. Red hang-up button / MUTE 4. Button 1 / Pause Button 2 / Repeat Button 3 / Intro Button 4 / Random Button 5 / Track - 10 Button 6 / Track + 10 Button 7 / AF Button 8 / TA Button 9 / PTY Button 0 / DISC (Rec) 5. Star key / AS/PS 6. On/Off 7. Tune up and tune down button 8. Increase volume (VOL+) 9. Select button SEL 10.

Lower volume (VOL-) 11. Hash key / BAND 22 Basic functions - CRB-631 English 11 Basic functions 11.1 The ON/OFF/MUTE button The device is switched on by pressing the ON/OFF button (14) or any other button on the operating panel. The device is switched to MUTE by pressing the ON/OFF button (14) briefly. Please note that all audio outputs are switched to mute as a result. The MUTE symbol is shown on the display. The MUTE function is cancelled by pressing the button (14) briefly again. If the ON/OFF button (14) is pressed for longer than 2 seconds, the device switches off. 11.2 Volume control The volume can be increased or decreased by pressing the plus (+) and minus (-) buttons (9).

The volume can be adjusted over a range of 0 and 45. If the radio is switched off at a volume which is below the default start-up volume, the device stores this volume. The next time the device is switched on, the volume is automatically set at this level. If the volume is higher than the default start-up volume when the device is switched off, the default start-up volume level is automatically selected when it is switched on again. 11.

3 Select button for settings (SEL) Audio settings Bass/Treble/Balance/Fader: The audio functions can be selected in the following sequence by briefly pressing the SEL button (15): VOLUME BASS TREBLE BALANCE FADER EXIT Explanation of the functions: Bass or Treble Press the plus (+) or minus (-) (9) buttons to increase or decrease bass or treble. @@The position 0 means that both channels are balanced. @@@@EON Switch the function EON ON or OFF (the standard setting is ON). @@@@The default setting is 25. @@@@LOC Switch the function LOC ON or OFF. @@@STEREO Select either MONO or STEREO for playback. @@@@The preset stations are switched on for a short time (5 seconds). This procedure is cancelled by pressing any button. @@@@Confirm the selected number. @@@@Select the next or previous character. The flashing character is confirmed. Press the Band button twice. @@ Repeat this procedure until the required characters are displayed. @@ If the track is not found, the message "NO MATCH" is displayed, followed by "A * * - - - -". The alphabetical search can then be repeated.

Folder search (only in MP3/SD/USB mode) When the folder search is selected, "ROOT" is shown on the display. Tune up button (13) / Tune down button (11) Band button (24) You can navigate through sub-folders if these are available. Open the sub-folder or confirm playback of the first file of the selected folder. The device then starts playback of the track of the selected (sub)folder. Note: If no entries are made for 5 seconds, the display returns to the default setting in the selected mode. If the clock display is enabled, the device displays the clock in standby mode. 26 Basic functions - CRB-631 11.5 DISP button (Display information) You can navigate through the available display information by pressing the DISP button (22). In TUNER mode the default setting is the station name, and if this is not available, the frequency is shown. The sequence is: Clock PTY Station name Frequency English 11.

6 Loading and ejecting a CD Insert one CD with the label side facing upwards and ensure that you do not touch the data side with your fingers. To open the operating panel press the corresponding button (OPEN). You can then insert or eject a CD. If there is still a CD in the device, first press the EJECT button.

Insert the CD carefully into the device without using force.

It is automatically drawn inside. As soon as the CD is loaded in the device, you can close the operating panel. The device automatically reads a CD as soon as it is inserted. This takes a few seconds and the device then starts playback of the CD. Note: If the device is in standby mode and a CD is either loaded or ejected, the device automatically switches on.

27 CRB-631 - Basic functions 11.7 Restoring the factory settings Ensure that there is no CD in the device. Press the button to open the operating panel (OPEN) and then the EJECT button. Eject any loaded CD. To restore the factory settings of the device, press the small reset button with a bent paper clip or a similar pointed object. 28 SD card slot and USB socket - CRB-631 English 12 SD card slot and USB socket 12.1 USB socket and iPod® support Connect a USB stick, a USB MP3 player, an Apple iPod® (Shuffle, Mini, Nano, Video etc.) or an external 2.5 or 1.8 inch USB Hard Disk Drive to play MP3, WMA or Ogg Vorbis files.

Only FAT16 and FAT32 formatted hard disks are recognised. NTFS or Linux formatted disks are not supported by the device. If one of these devices is connected, the USB symbol is shown on the display. Please note: There is a wide range of memory sticks available on the market, both with and without an integrated MP3 player. A number of these sticks are not compatible with this car radio and can therefore not be used with this device. © The battery of an Apple iPod connected to the USB socket is only automatically charged if it is already at least 50 % charged. Caution!! Several external hard disks or MP4 players and iPod® devices with a battery which is not charged by at least 50 % have such a high power consumption that these can cause failure or malfunction of the car radio or even damage to the device which is not covered by the guarantee. Such external hard disks or MP4 players must be connected to a suitable separate power supply. Note on iPod® support: iPod® devices have two separate storage areas, the so-called mass storage area and © the iTunes area. If the iPod is connected with its original USB cable, the car radio only recognises the mass storage area.

The MP3, WMA or Ogg Vorbis files saved here can be played. The iTunes area and the file format AAC are not supported. Caution!! Only connect an iPod® with its original USB cable and not with the USB cable and the earphones connector of the iPod®, or only with the earphones connector of the iPod to the 3.5 mm AUX input of the radio, as otherwise the iPod® could be damaged and its warranty could be void.



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Note: When an iPod© is connected, the tracks are played according to the file names.

The tracks are not sorted in accordance with the sequence of the iTunes© programme. 29 CRB-631 - SD card slot and USB socket 12.2 SD card slot The device can play MP3/WMA tracks stored on an SD card, an SDHC card or an MMC card which is inserted in the SD card slot (cards with a memory of up to 8 GB are supported). The SD card symbol is then shown on the display. The tracks are controlled in the same way as an inserted CD (CD mode).

Note: It can sometimes take several seconds for the device to read the data of a card. If the device returns to TUNER mode when the Mode button (17) is pressed and the SD card is selected, this means that it was not yet possible to read the data on the card. Wait for several seconds before pressing the Mode button (17) again and selecting the SD card. 12.3 Record function The record function is used to record from the tuner and CDs as well as from AUX IN by simple selection with the Mode button (17). Insert an SD-/SDHC card (refer to SD card slot) and/or a USB stick (refer to USB socket). If neither a USB stick nor a memory card is connected, the message "NO MEDIA" appears on the display when the record function is selected. Record mode If the button (0/DISP) (22) is pressed for longer than 2 seconds when a CD is being played, the record menu is opened. The following appears on the display: MMC ALL (All tracks on the card) USB ALL (All tracks on the USB stick) MMC ONE (Current track on the card) USB ONE (Current track on the USB stick) If only a SD card is inserted, only the card messages are shown. If only a USB stick is connected, only the USB messages are shown.

ALL means that all tracks of the CD are recorded. ONE means that the current track is recorded. If the button (0/DISP) (22) is pressed in AUX or TUNER mode for longer than 2 seconds, the message "REC MMC" (Record card) or "REC USB" (Record USB) is displayed. 30 SD card slot and USB socket - CRB-631 Record mode English TUNER CD AUX USB SD SD USB Delete Note: If no entries are made for 5 seconds, the display returns to the default setting in the selected mode. Start/stop recording When you have selected the required recording mode, start recording by pressing the Band button (24). Recording is indicated on the display by a flashing "R". The symbol of the medium used for recording flashes (USB/M.Card). Press the Band button (24) to stop recording. When recording is finished, the device resumes playing from the selected data source.

Important!! Note on copy protection: Always comply with the valid legal regulations for making copies of copyrightprotected media. In case of doubt contact a local expert. Delete track (from the card/USB stick) You can also delete tracks during playback from a USB or SD source. To do this, select the track you wish to delete and press the (0/DISP) (22) button for at least 2 seconds to activate the DELETE function. Press the Band button (24) to delete the selected track.

31 CRB-631 - Bluetooth function 13 Bluetooth function The car radio is equipped with a Bluetooth function. You can use this function to connect your mobile phone to the car radio and control all functions from the car radio. You can listen to the caller on the car speakers and use the external microphone without needing your hands. You can use the integrated dialling buttons on the operating panel of the car radio to dial a number directly without having to use your mobile phone while driving. 13.

1 Pairing the devices Start searching for a new Bluetooth device as described in the manual of your mobile phone. As soon as your phone finds "CAR RADIO", select "CAR RADIO", enter the code "0000" and confirm with OK. Then enter the code on your mobile phone and confirm to finish pairing. The mobile phone is then paired with the car radio. To connect both devices confirm pairing on your mobile phone. When the Bluetooth connection has been established between your mobile phone and the car radio, the BTI icon is on or flashes on the display. Note: The first time you use Bluetooth with your mobile phone and the car radio, you have to pair the devices. When the devices have been paired once, it is not necessary to repeat this procedure unless the car radio is fully disconnected from the power supply. The meaning of the Bluetooth BTI icon " " shown on the display Flashes slowly (every 5 seconds): Standby Flashes quickly (once per second): Connecting Symbol on: Connected. Suggestions: 1.

Set "My phone's visibility" to "Show to all". 2. Confirm the setting with "Yes". Note: This device supports most mobile phones with a Bluetooth function such as SAMSUNG, NOKIA, PANASONIC, SHARP, MOTOROLA, PHILIPS, SONY ERICSSON, SAGEM etc. Please refer to your mobile phone's user manual for Bluetooth setup and operation. Auto Connect When the car radio is switched on, a connection is automatically made to the last 32 Bluetooth function - CRB-631 paired phone via Bluetooth after a search time of around one minute. If the radio cannot find the paired phone, the search is stopped. If the device is in standby mode (not connected), press and hold the T-MENU button (16) to activate the Auto Connect function and start the search for the last paired mobile phone. Streaming audio with A2DP (Advanced Audio Distribution Profile) Music which you have stored on your mobile phone can be played wirelessly on the car radio with the A2DP function and a mobile phone which supports the Bluetooth A2DP protocol. Establish a connection to your mobile phone via Bluetooth as previously described in the section "Pairing the devices".

You can then play the track stored on your phone in the normal manner with the playback function. The track is played on the speakers connected to the car radio. "A2DP" is shown on the display. AVRCP (Audio/Video Remote Control Profile) With AVRCP it is possible to use your mobile phone as a remote control for audio functions. The functions include pause, start and stop playback.

Note: Please note that some functions may not be available depending on the manufacturer and model. English Key assignment of the AVRCP functions: First press "Play" on your mobile phone to start playing the selected track. Press the preset 1 (PAUSE) (6) button on your car radio to pause or resume playback of a track. Press the Tune down button () (11) to go back to the previous track. Press the Tune up button () (13) to go to the next track.

To stop playback, switch the music player of your mobile phone off. 33 CRB-631 - Bluetooth function 13.2 Telephone functions (Bluetooth menu) Press the green call button (10) to accept a call. Press the red reject/hang up button (12) to reject or finish a call. When the car radio is paired and connected with a mobile phone, press the T-MENU button (16) to open the telephone menu.



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This menu features several options. One of the following functions can be selected from the following sequence with the plus (+) and minus (-) (9) buttons: D-DIAL CALL LIST L-DIAL. Press the T-MENU button (16) again to open the selected menu. D-Dial is the direct dial menu. Call List is the list of the last dialled numbers.

L-Dial is used to redial the last number. Note: The call list and the redial numbers are only available if numbers have been saved. Direct dial (D-DIAL) In the direct dial menu (D-Dial appears on the display), numbers can be entered directly with the numeric buttons 0-9. Use the buttons # (24) or (21) (for any entries) during the call. If you enter a wrong digit, press the T-MENU button (16) to delete the last digit. After entering a number manually, it can be dialled by pressing the green call button (10). List of last dialled numbers (CALL LIST) After selecting the call list (CALL LIST appears on the display), briefly press the T-MENU button (16) to open the menu. The previously dialled numbers appear on the display. Navigate through the list with the plus (+) or minus (-) (9) buttons. Press the green call button (10) to dial the displayed number.

Press the T-MENU button (16) again to exit the menu and return to the previous mode. Redialling the last number (L-DIAL) After selecting this menu ("L-DIAL" appears on the display), press the T-MENU button (16) briefly to open the menu ("REDIAL" appears on the display). Press the green call button (10) to redial the last number dialled. Voice dialling Voice dialling can be used to dial a phone number by speaking a command. 34 Bluetooth function - CRB-631

Note: Please note that the voice dialling function is only available if it is supported by your mobile phone.

The voice dialling function must be activated and set up on your mobile phone. Voice dialling may need configuring on some mobile phones before it can be used. Read the user manual of your mobile phone for more information. Press the T-MENU button (16) for 2 seconds. The connected mobile phone then starts voice dialling ("Voice DL" appears on the display).

Speak the name of the person you wish to call loudly and clearly and the device starts dialling the corresponding number (if it was understood correctly).

Press the T-MENU button (16) briefly to cancel dialling. Note: Please note that some mobile phones may offer a selection of various names if your voice command is not clearly assigned. Call transferring (from the hands-free system to the mobile phone) During a call press the green call button (10) for two seconds to transfer the call from the hands-free system to the mobile phone. Press the green call button (10) again to resume hands-free mode. Delete paired phone To delete a paired phone, briefly press the T-MENU button (16) in standby mode (when no mobile phone is connected to the car radio via Bluetooth). "DEL PAIR" is shown on the display. Press the T-MENU button (16) again briefly to delete all paired mobile phones. Call waiting If a second call arrives while you are talking, you can accept this call by pressing the green call button briefly (10). Press the Mode button (17) to switch between both callers.

Press the red reject/hang up button (12) to reject the second call. If for 8 seconds no button is pressed, a second caller is put on hold. Press the Mode button (17) to switch between both callers. English 35 CRB-631 - Care and maintenance 14 Care and maintenance Your device is a product of high-quality design manufactured to stringent standards and should be treated with care. Compliance with the following reference recommendations will ensure that all warranty obligations are met. Do not use harsh chemicals, cleaning solvents or strong detergents to clean the device. If it requires cleaning, use a soft, clean and dry cloth. Never use a rough cloth to wipe the operating panel. Only use a special microfibre cloth. If the car radio does not work correctly, please call the hotline for assistance.

Servicing is normally not necessary. If, however, the device should require maintenance, ONLY have this done by authorised JNC technicians. Otherwise the warranty will be void. Care of CDs Fingerprints and dust on the surface of the CD can negatively affect the sound quality. Clean the CD regularly with a soft cotton cloth, starting in the centre and moving outwards.

Never use a circular motion when cleaning the CD. Note: Keep CDs away from direct sunlight and heat sources. Never attach any labels or stickers to the CD. Only use round CDs with a diameter of 12 cm. Never insert any other CD size or type.

If a 12 cm CD is not removed within 15 seconds after it has been ejected, it is automatically reloaded, but playback is not automatically started. 36 Troubleshooting - CRB-631 English 15 Troubleshooting If a fault occurs, please first consult these instructions before you send the device in for repair. If you are unable to solve a problem despite these instructions, please contact our hotline. Do not try repairing the device yourself under any circumstances. This would mean that the warranty would be void. Problem The frame cannot be slid off the device towards the rear. Cause The securing screws have not been removed. The release key was not inserted correctly. Solution Remove the securing screws and try again. Reinsert the key.

Make sure that the protrusion on the release key points away from the device during insertion. Check that all cables have been attached correctly. Press the "MUTE" (14) or "Pause" (6) button again. Reinsert the operating panel. Turn on the ignition. Check that all cables have been attached correctly. Replace the fuse. Check that all cables have been attached correctly. Lower the volume of the device. Check the pin assignment.

Reverse the connections of the cables on pins A4 and A7. Remove the securing screws and try again. The device does not The connection cables play back any music. have not been attached correctly. The "MUTE" or "Pause" button has been pressed.

The device cannot be The operating panel is not turned on. inserted correctly. The ignition is turned off. The connection cables have not been attached correctly. The fuse is blown.

The device does not The radio has not been store the preset connected correctly. stations. The device temperature is too high. Contacts A4 and A7 have not been connected properly or the vehicle manufacturer has reversed these. The CD is not drawn The two securing screws in completely. have not been removed or only partially. 37 CRB-631 - Troubleshooting Problem The inserted CD cannot be played. Cause The CD was inserted with the printed side facing downwards. The CD has too many scratches. The CD is dirty.

The device temperature is too high. The CD contains incorrect or faulty data. Poor radio reception. Reception conditions are poor. The radio reception The AF function is is choppy or activated. frequently interrupted. The radio only The REG function is receives a few activated.



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stations The music is only The BALANCE and/or played back by one FADER settings are faulty. speaker group. NO FILE The CD does not meet the CompactDisc standard or does not contain any MP3 / WMA files.

Not all MP3/WMA Wrong coding of the files tracks are played that are not being played back. back. Too many files are stored on the CD. Solution Flip the CD over and try again. Create another CD from the original or have the CD repaired.

Clean the CD (without cleaning agents, just a lint-free cloth). Lower the volume of the device. The CD cannot be used with this device. Burn your audio data onto a separate data carrier and try again. Change your location to achieve better reception.

Deactivate the AF function. Deactivate the REG function. Check the BALANCE or FADER settings. Create a CD that meets the CompactDisc standard. Recode the files. A maximum of 1,000 tracks can be handled per CD. Create a CD with fewer than 1,000 tracks. Note: If you do not have sufficient knowledge to install the radio yourself, consult an expert. Please note that any resulting costs will not be borne by JNC. 38 Technical data - CRB-631 English 16 Technical data Operating voltage Maximum power consumption Dimensions Weight Laser Frequency range (CD) Signal-to-noise ratio (CD) Total harmonic distortion THD (CD) Signal-to-noise ratio and dynamic range (audio) Total harmonic distortion THD Amplifier output Speaker impedance FM frequency range Sensitivity (FM) (Signal-to-noise ratio: 30dB) Frequency response (FM) Signal-to-noise ratio (FM) MW frequency range Sensitivity (MW) (signal-to-noise ratio: 20dB) Signal-to-noise ratio (MW) Antenna impedance Frequency response (AUX IN) Input impedance (AUX IN) Signal-to-noise ratio (AUX IN) Input level (AUX IN) RCA output (audio) Operating temperature range Storage temperature range USB memory capacity SD/SD-HC/MMC card capacity 12 V DC (10.

5 16 V DC) <10 amps 1x DIN (W x D x H) (178 mm x 175 mm x 50 mm) 1600 g Semiconductor laser, wavelength 650 nm, 780 nm 48 kHz pulse modulation 20 Hz 20 kHz 60 dB <0,5 % 80dB 0,1% 4 x 40 Watts (max.) 4-8 87.5 - 108 MHz 15 dBµV 55 Hz - 10 kHz 50 dB 522 1,620 kHz 28 dBµV 40 dB 50 20 20,000 Hz 47 k 70 dB 200 mV (2 V max.) 2.0 V (1 kHz, 0 dB) ± 0.2V -20 °C +60 °C -30 °C +80 °C No limit Up to 8 GB 39 CRB-631 - Warranty information 17 Warranty information This product has a three year guarantee from the date of purchase. For information on our after sales service, please visit www.jnc-digital.de or call our hotline: Country Belgium Denmark Germany England Finland France Greece Holland Ireland Italy Croatia Austria Poland Portugal Sweden Switzerland Slovakia Slovenia Spain Czech Republic Hungary Hotline No.

0800 72 178 8088 6906 01805 06 79 00 0844 385 0222 0800 11 66 99 0826 109 988 00800 49 12 91 51 08000 22 90 67 1890 944 848 800 788 035 0800 222 823 0820 901 113 00800 49 11 487 800 84 91 46 020 79 59 45 0844 220 330 0800 00 49 97 0800 80 182 902 886 189 800 14 28 43 06800 133 97 40

Declaration of Conformity - CRB-631 English 18 Declaration of Conformity Conformity declaration This declaration is applicable for the following products:

Device type: Bluetooth car radio Type designation: CRB-631 We hereby confirm that the products meet the essential protection requirements stipulated in the directives of the Council for harmonisation of the statutory provisions of the Member States in accordance with the Radio Equipment and

Telecommunications Terminal Equipment Directive 1999/5/EC and the Automotive EMC Directive 2004/104/EC. This declaration is made by: JNC Datum Tech GmbH Benzstrasse 33 D-71083 Herrenberg The respective tests were executed by accredited test laboratories. The following standards were applied for assessment of the products in accordance with the Radio and Telecommunications Terminal Equipment Act: EN 300328: V1.7.1 EN 301 489-2: V1.

8.1 / EN 301489-17: 1.3.2 EN 60065: 2002 + A1: 2006 EN 50371: 2002 Herrenberg, 12 February 2010 Date, place Legally valid signature of the distributor 41 CRB-631 - Glossary 19 Glossary PTY (Programme type) Many radio stations send signals which identify the type of programme they are broadcasting.

You can therefore select a programme type on your radio and the device will search for a station with this programme.

The following programme types can be selected: Speech, News, Current Affairs, Information, Sport, Education, Drama, Culture, Science, Varied Speech (Quizzes/Comedy), Pop Music, Rock Music, M.O.R.M. @@@@ @@@@ RDS information is sent by a large number of stations which broadcast on FM. AF (Alternative frequencies) The radio contains information on the frequencies of the nearest stations. This enables it to use the strongest FM signal of the selected station. This is particularly useful and convenient for you as a driver, as it is not necessary to readjust the radio when travelling through the different transmission areas. REG (Regional mode) Many local stations only have a few frequencies and their transmission area is limited. Several local stations have networked their stations which are spread over the entire transmission area so that your radio can switch to another transmission point of the same station if the signal becomes weak.

If you wish to continue listening to the same station irrespective of the strength and quality of the signal, leave the REG function switched on as described on the previous pages. TA and TP (Traffic Announcement and Traffic Programme) If a local station broadcasts traffic announcements, the radio receives a corresponding signal. This information can also be used without having to listen to the entire programme of this station. If a traffic announcement is made, the radio automatically interrupts the operation of the functions AUX / CD / USB / SD, transmits the announcement and shows TRAFFIC on the display. After the announcement the device returns to the previous mode, i.e. it switches over to AUX, CD, USB or SD. EON (Enhanced Other Networks) Your car radio is equipped with the EON (Enhanced Other Networks) function. It can therefore switch over from a national station (e.g.

RADIO ONE) to the traffic 42 Glossary - CRB-631 announcement of a local station and return to the national station after the announcement has been made. Example: You are listening to RADIO FOUR with the traffic announcement (TA) function switched on or you are listening to a CD, or have the volume turned down low. If the local station sends a traffic announcement, RADIO FOUR sends an RDS signal that lets your radio transmit the traffic announcement of the local station. The device already knows the frequency of the local station in this area. The device first checks whether the signal of the local station is strong enough and then switches over from RADIO FOUR, interrupts playback of other audio sources for the duration of the announcement and increases the volume to the level set for traffic announcements.



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At the end of the announcement the device switches back to its previous setting. With the EON function the device already knows the frequencies of the other local and national stations which can be received in this area. If you change stations, the device already knows which frequencies it can select. English 43
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