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You can read the recommendations in the user guide, the technical guide or the installation guide for BLAUPUNKT HAMBURG 420 BT. You'll find the answers to all your questions on the BLAUPUNKT HAMBURG 420 BT in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BLAUPUNKT HAMBURG 420 BT
User guide BLAUPUNKT HAMBURG 420 BT
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Car Radio | CD | USB | SD | Bluetooth

Hamburg 420 BT 1 011 202 422 / 1 011 202 423
Frankfurt 320 1 011 202 322 / 1 011 202 323

Operating and installation instructions

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Manual abstract:

If Inserting/removing the memory card . @@@@These instructions contain important information to easily and safely install and operate the car sound system. Read these instructions carefully and completely before using the car sound system. Keep the instructions at a location so that they are always accessible to all users. Always pass on the car sound system to third parties together with these instructions. @@@@ Always listen at a moderate volume to protect your hearing and to be able to hear acoustic warning signals (e. When changing the audio source), changing the volume is not audible. Do not increase the volume during this mute phase. General safety notes Observe the following notes to protect yourself against injuries: · Do not modify or open the device. The device contains a Class 1 laser that can cause injuries to your eyes.

Do not increase the volume during mute phases, e. g. When changing the audio source. Changing the volume is not audible during a mute phase. Do not increase the volume during mute phases, e.

g. When changing the audio source. Use as directed This car sound system is intended for installation and operation in a vehicle with 12 V vehicle system voltage and must be installed in a DIN slot. Observe the performance limits in the technical data. Repairs and installation, if necessary, should be performed by a specialist.

Installation instructions You may only install the car sound system yourself if you are experienced in installing car sound systems and are very familiar with the electrical system of the vehicle. For this purpose, observe the installation instructions at the end of these instructions. Warns about damaging the CD drive

DANGER! Warns about high volume The CE mark confirms the compliance with EU directives. KG declares that the car sound system Frankfurt 320 complies with the basic requirements and the other relevant regulations of the directive 2004/108/EEC and the car sound system Hamburg 420 BT complies with the basic requirements and the other relevant regulations of the directive 1999/5/EC. The declaration of conformity can be found on the Internet under www. Optional equipment (not part of the scope of delivery) Use only accessories approved by Blaupunkt. Information is available from your Blaupunkt specialised dealer or on the Internet under www. Transport securing screws Before the startup of the car sound system, ensure that the transport securing screws are removed (see the chapter "Installation instructions"). Cleaning notes Solvents, cleaning and scouring agents as well as dashboard spray and plastics care product may contain ingredients that will damage the surface of the car sound system. Use only a dry or slightly moistened cloth for cleaning the car sound system.

If necessary, clean the contacts of the control panel regularly using a soft cloth moistened with cleaning alcohol. Attaching/detaching the control panel The car sound system is equipped with a detachable control panel (release panel) to protect your equipment against theft. In the delivery state, the control panel is in the supplied case. To start operating the radio after installation, you must first attach the control panel (see the section "Attaching the control panel" in this chapter). Always take the control panel with you when leaving the vehicle. The car sound system is worthless to a thief without this control panel. Caution Damage to the control panel Never drop the control panel. Transport the control panel so that it is protected against impacts and the contacts cannot become dirty. Do not expose the control panel to direct sunlight or another heat source. Avoid direct skin contact with the control panel's electrical contacts.

Disposal notes Do not dispose of your old unit in the household trash! Use the return and collection systems available to dispose of the old device. Scope of delivery The scope of delivery includes: 1 Car sound system 1 Operating/installation instructions 1 Case for the control panel 1 Support frame 1 Antenna connection adapter Extended scope of delivery (for 1 011 202 323 / 1 011 202 423 only): 1 Handheld remote control (incl. Battery) 1 Connecting cable chamber A 1 Connecting cable chamber B 5 Placing the device in operation Attaching the control panel u Push the control panel into the bracket at the right edge of the device. U Push the control panel carefully into the left bracket until it clicks into place. Removing the control panel u Press the button 1 to unlock the control panel.

The left side of the control panel detaches from the device and is secured by the bracket against falling out. U Move the control panel slightly to the left until it disengages from the right bracket. U Carefully remove the control panel from the left bracket. Note: The car sound system automatically switches off as soon as the control panel is removed. Switching on/off Switching on/off with the On/Off button u For switch-on, press the On/Off button 3.

The car sound system switches on. U To switch off the device, press and hold down the On/Off button 3 for longer than 2 seconds. The car sound system switches off. Note: If you switch on the car sound system while the vehicle ignition is switched off, it automatically switches off after 1 hour to preserve the vehicle battery. Switching on/off via vehicle ignition The car sound system will switch off/on simultaneously with the ignition if the device is correctly connected to the vehicle's ignition as shown in the installation instructions and you did not switch the device off by pressing the On/Off button 3. Display language (only Hamburg 420 BT) For the Hamburg 420 BT, you can define whether the language for messages on the display is English or German. The setting is performed in the user menu (see the chapter "User settings", section "Making settings in the "DISPLAY" menu", menu item "LANGUAGE").

Adjusting the volume You can adjust the volume in steps from 0 (off) to 50 (maximum). U Turn the volume control 4 to change the volume. Note: If a telephone or navigation system is connected with the car sound system as described in the installation instructions (pin 2 of chamber A), the car sound system is muted in case of a telephone call or navigation announcement so that you can hear the playback of the telephone or navigation system undisturbed.

During muting, the display shows "TELEPHONE". Muting the car sound system (Mute) u Briefly press the On/Off button 3 to mute the car sound system or to reactivate the previous volume. While it is muted, the display shows "MUTE". Setting the reception area This car sound system is designed for operation in different regions with different frequency ranges and station technologies. The factory default of the reception area is "EUROPE". In addition, the reception areas "USA", "SOUTH AMERICA" and "THAILAND" are available. Note: If you operate the car sound system outside of Europe, you may first have to set a suitable reception area in the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "TUNER AREA").



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6 Placing the device in operation \ Traffic information \ Radio mode Display brightness You can manually switch the display brightness between daytime mode and night-time mode or switch automatically with the driving lights of the vehicle. Note: The manual or automatic switching of the display brightness is selected in the user menu (see the chapter "User settings", section "Making settings in the "DISPLAY" menu", menu item "DIMMER"). U Press the DIS button A for approx.

2 seconds to start scanning. For traffic announcements (see the chapter "User settings", section "Making settings in the "VOLUME" menu", menu item "TRAFFIC VOL"). Radio mode RDS Many FM stations broadcast an RDS (Radio Data System) signal in addition to their programme in the reception area "EUROPE" that allows the following additional functions: · The station name is shown on the display. The car sound system recognises traffic announcements and news broadcasts and can automatically switch them through in other operating modes (e. Alternate frequency: If RDS is activated, the car sound system automatically selects the best receivable frequency for the station that is currently set.

Regional: At certain times, some radio stations divide their programme into regional programmes providing different content. If the REGIONAL function is activated, the car sound system changes only to those alternate frequencies on which the same regional programme is being broadcast. The functions RDS and REGIONAL are activated and deactivated in the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu items "RDS" and "REGIONAL"). Note: If you adjust a different reception area than "EUROPE", RDS is automatically switched off. The station name continues to be shown on the display.

If you want to use radio stations with RDS features in your region, switch on RDS in the user menu. Switching demo mode on/off The demo mode shows the functions of the car sound system as scrolling text on the display. By pressing any button, the demo mode is interrupted and you can operate the device. The demo mode can be switched on and off in the user menu (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "DEMO MODE"). Traffic information In the reception area "EUROPE", an FM station can identify traffic reports by means of an RDS signal. If priority for traffic reports is switched on, a traffic report is automatically switched through, even if the car sound system is currently not in radio mode. If priority is switched on, the display shows the). "TRAFFIC" is displayed traffic jam symbol (during a switched-through traffic announcement. The priority is activated and deactivated in the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "TRAFFICINFO"). notes: · The volume is increased for the duration of the switched-through traffic announcement.

You can adjust the minimum volume 7 Radio mode Changing to radio mode or selecting a memory bank The following memory banks are available in the different reception areas: Region EUROPE USA SOUTH AMERICA THAILAND Memory banks FM1, FM2, FMT, MW, LW FM1, FM2, FMT, AM, AMT FM1, FM2, FMT, AM, AMT FM1, FM2, FMT, AM, AMT Tuning into stations manually u Press the rotary button 7 once to activate manual station tuning. The display briefly shows "SEARCH MANUAL". U Turn the rotary control 7 to change the frequency in ino station with the selected programme type is found, "NO PTY" is briefly displayed and 2 beeps can be heard. The radio will then retune to the station that it played last. Storing stations automatically (Travelstore) With Travelstore, you can automatically search for and store the 5 FM stations offering the strongest reception in the region in one memory bank. Any previously stored stations in this memory bank are deleted in the process. With Travelstore, you can store 5 FM stations in the FMT memory bank in all reception areas. In the reception areas "USA", "SOUTH AMERICA" and "THAILAND", you can also store 5 AM stations in the AMT memory bank. U Select a memory bank of the desired waveband, e. U Press the SRC button @ for approx.

2 seconds. The tuner starts the automatic station seek tuning; the display shows "FM TSTORE" or "AM TSTORE". After the storing is completed, the radio plays the station at memory location 1 of the FMT or AMT level. notes: · For the reception area "EUROPE": If the priority for traffic information is switched on (), only traffic information stations are stored. If the FMT or AMT memory bank is deactivated (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "BAND SELECTION"), it is automatically reactivated if you initiate the Travelstore function.

9 Radio mode \ CD/MP3/SB data carrier u Switch off the car sound system so that the data carrier will be correctly registered. U First, pull the protective cap of the USB port : to the front until it moves out of the port and fold it to the right to connect a data carrier to the USB port at the front of the device. u Connect the USB data carrier. U Turn on the car sound system. inserting/ejecting a CD Inserting a CD Risk of severe damage to the CD drive! Noncircular contoured CDs (shape CDs) and CDs with a diameter of 8 cm (mini CDs) must not be used.

We accept no responsibility for any damage to the CD drive that may occur as a result of the use of unsuitable CDs. 11 CD/MP3/WMA/iPod mode If the USB data carrier is initially selected as audio source, the data are read first. notes: · If the connected USB data carrier cannot be seen, "USB ERROR" is briefly displayed. The time required for reading in the data depends on the design and size of the USB data carrier. Removing a USB data carrier u Switch off the car sound system so that the data carrier will be correctly unregistered. u Disconnect the USB data carrier. U After you pulled off the data carrier from the USB port at the front of the device, close the protective cap of the USB port :. If you turn rotary control 7 several notches counter-clockwise or clockwise, you jump forward or reverse by the corresponding number of tracks. If the current track plays longer than 3 seconds and you turn rotary control 7 by one notch counter-clockwise or clockwise, the tracks starts playing again. fast searching u Press the rotary control 7 once.

The display briefly shows "CUE/REVIEW". U Turn the rotary control 7 until the desired position has been reached. Note: If you press the rotary control 7 twice, the display briefly shows "TRACK SELECT".



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By turning the rotary control 7, you select a different track. Inserting/removing the memory card Inserting the memory card u Detach the control panel. U Insert the memory card with its labelled side up and its contacts first into the card slot B until it clicks into place. u Attach the control panel. After switch-on, the device automatically selects the inserted memory card as audio source. The data of the memory card are being read. Afterwards, the playback starts in MP3 mode.

notes: · If the inserted memory card cannot be played, "SD ERROR" is briefly displayed. The time required for reading the card depends on the design and size of the memory card. Removing the memory card u Detach the control panel. U Push on the memory card until it disengages. U Pull the memory card out of the card slot B.

u Attach the control panel. Interrupting playback u Press the 3 button > to interrupt the playback ("PAUSE") or to continue it. scanning all tracks The scan function scans all available tracks. U Press the rotary control 7 for approx. 2 seconds to start the scan, or briefly to continue playing the currently scanned track.

During the scan, the display alternately displays "SCAN" and the current track number or file name. Note: The scan time can be adjusted (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "SCAN TIME"). 12 CD/MP3/WMA/iPod mode Playing tracks in random order u Press the 5 MIX button > to change among the playback modes: Opera- Display tion CD/ MIX ALL iPod MP3/ WMA Gen. MIX FOLDER MIX ALL MIX OFF Meaning Mixing tracks Mixing tracks of the current folder Mixing tracks of the data carrier Regular playback Configuring the display u Press the DIS button A once or several times to toggle between these displays: Opera- Display / icon tion TRACK 01 00:15 Meaning If the MIX function is switched on, the icon MIX (mix all tracks) or MIX (mix tracks of current folder) is shown on the display. Repeatedly playing individual tracks or directories u Press the 4 RPT button > to change among the playback modes: Opera- Display tion CD/ REPEAT TRACK iPod MP3/ WMA Gen. Meaning Repeating tracks Repeating REPEAT TRACK tracks Repeating REPEAT FOLDER folders Regular REPEAT OFF playback Track number and playing time Track TRACK 01 03:37 CD number and duration Track TRACK 01 08:40 number and time ABCDEF / File name ²ABCDEF / Track name ¹ABCDEF / Artist ¹ABCDEF / Album ¹MP3/ ABCDEF / Genre ³WMA/ PLAY TIME 00:15 Playing time iPod Track duraTOTAL TIME 03:37 tion All informaALL INFO / tion as scrolling text ¹Track name, artist and album name must be stored as ID3 tag to be able to display them. Note: With every track change, the file name is briefly shown in MP3/WMA mode and the track name in iPod mode before the display switches to the defined display. If the REPEAT function is switched on, the icon (repeat tracks) or (repeat folders) is shown on the display. 13 CD/MP3/WMA/iPod mode Browse mode In Browse mode, you can directly search for and select a certain track on the MP3/WMA data carrier or iPod without interrupting the current playback. Browse mode in MP3/WMA mode In MP3/WMA mode, you can select and play a track from a directory of the data carrier.

U Briefly press the 1 LIST button > to call up the browse mode in MP3/WMA mode. icon. The The display shows the first or current folder on the data carrier and the icon are displayed. notes: · The first folder is displayed only if the browse mode has been called for the first time after inserting or connecting the data carrier. Afterwards, the current folder is displayed whenever the browse mode is called. The browse mode remains switched on for 5 minutes without confirming a selection. You can exit the browse mode at any time by pressing the 1 LIST button >. U Turn the rotary control 7 to select a different folder. U Press the rotary control 7 to display the tracks of the selected folder. The first track of the folder and the icon are shown on the display.

Note: To return to the folder list, turn the rotary control 7 until the "<<<" option is selected and press the rotary control 7. U Turn the rotary control 7 to select a different track. U Press the rotary control 7 to play the track. the playback starts. You are exiting the browse mode.

Browse mode in iPod mode In iPod mode, you can select and play the tracks via the categories "ARTISTS", "ALBUMS", "GENRES" or "PLAYLISTS". U Press the 2 ID3 button > to call up the Browse mode in the iPod mode. icon. The The display shows the first category, "ARTISTS", is displayed. notes: · Press the 2 ID3 button > for approx.

2 seconds to directly call up the "PLAYLISTS" category. The browse mode remains switched on for 5 minutes without confirming a selection. You can exit the browse mode at any time by pressing the 2 ID3 button >. U Turn the rotary control 7 to select the category "ALBUMS", "GENRES" or "PLAYLISTS" . U Press the rotary control 7 to display the available folders of the category. The first folder of the selected category is shown on the display (e. Note: To return to the list of categories, turn the rotary control 7 until the "<<<" option is selected and press the rotary control 7. U Turn the rotary control 7 to select a different folder. U Press the rotary control 7 to display the available tracks of the folder. The first track of the folder is shown on the display.

Note: To return to the folder list, turn the rotary control 7 until the "<<<" option is selected and press the rotary control 7. U Turn the rotary control 7 to select a different track. 14 CD/MP3/WMA/iPod mode \ Bluetooth® u Press the rotary control 7 to play the track. the playback starts. You are exiting the browse mode. Bluetooth® (Hamburg 420 BT only) You can connect the Hamburg 420 BT via Bluetooth® with other Bluetooth®-ready devices, such as cell phones or MP3 players. This allows you to use the car sound system with its integrated microphone as hands-free system for connected cell phones and control the audio output of other Bluetooth® devices and play them back via the loudspeakers of the car sound system (Bluetooth® streaming). Note: You can also connect an external microphone for hands-free calling (see the chapter "Installation instructions"). bluetooth® technology is a wireless connection of short range. For this reason, Bluetooth® devices must be located near the car sound system (in the vehicle) to establish and maintain a connection.

To establish a Bluetooth® connection, you must first pair the car sound system and the Bluetooth® device. When you pair the devices, a Bluetooth® connection is subsequently established automatically. This connection remains in effect as long as the Bluetooth® device is within range.



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Because you moved the cell phone outside the range, the connection is automatically re-established as soon as you are back within range. You can connect only one cell phone and streaming device with the car sound system at a time.

If you connect a new device with the car sound system, the connection to a currently connected device may automatically be interrupted. However, the car sound system leaves up to 5 different Bluetooth® devices paired, and you can quickly and easily connect any of these devices with the car sound system again. Searching by track names (not in iPod mode) On MP3/WMA data carriers, you can find a track based on its file name and start the playback. U Press the 1 LIST button > for approx. 2 seconds to start the search function.

You can now enter a file name with up to 16 characters: Notes: · You do not have to enter the complete file name. You can enter only the first characters of the file name and select the desired track from the list of tracks found. You can exit the search function at any time by briefly pressing the 1 LIST button >. U Turn the rotary control 7 to select a character for the respective position. U Press the rotary control 7 to go to the next position. U Press the 1 LIST button > for approx. 2 seconds to start the search. All tracks corresponding to the file name entered are listed. U If necessary, turn the rotary control 7 to select a track. U Press the rotary control 7 to start the playback.

Bluetooth® menu In the Bluetooth® menu, you find all the functions for pairing, connecting and managing Bluetooth® devices. 15 Bluetooth® Calling the Bluetooth® menu u Briefly press the MENU 2 button to open the user menu. U Turn the rotary control 7 until the "BLUETOOTH" menu item is selected. U Press the rotary control 7 to open the Bluetooth® menu. U Turn the rotary control 7 until the desired menu item is selected. U Perform the setting (see the following sections). U Briefly press the MENU button 2 to exit the menu. 60 seconds after the last button activation and you are returned to the display of the current audio source. To go back to the next higher-level menu, turn the rotary control 7 until the "<<<" option is selected and press the rotary control 7. Re-establishing the connection to the last connected device), the functions of the Bluetooth® menu are blocked.

If you attempt to open the Bluetooth® menu during this time, "LINK BUSY" briefly appears on the display. If you want to cancel the Bluetooth® process and open the Bluetooth® menu, press the Pairing and connecting a cell phone Note: If a connection with a cell phone currently exists, this connection is automatically disconnected if you pair and connect another cell phone. U In the Bluetooth® menu, select the "PAIRING" menu item. U Press the rotary control 7 to open the menu.

the "MOBILE PHONE" menu item is selected. U Press the rotary control 7 to register a cell phone. @@@@ 2 minutes and connected. @@@@U Establish the connection from your cell phone. Enter the PIN displayed by the car sound system.

@@@@@@@@@@@@@@@@@@@@U Press the rotary control 7 to open the menu. the "MOBILE PHONE" menu item is selected. @@ u Press the rotary control 7 to register a streaming device. @@@@U Press the rotary control 7 to go to the next position. @@@@@@@@@@@@@@@@@@ 2 minutes and connected. @@Enter the PIN of the car sound system, if necessary. @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@U Press the button = to answer the call. "CALL" and the duration of the ongoing call are displayed. @@The display shows "CALL END". @@@@17 Bluetooth® Making a call u In the Bluetooth® menu, select the "DIAL NEW NUMBER" menu item.

U Press the rotary control 7 to open the entry menu. You can now enter a phone number with up to 20 digits: u Turn the rotary control 7 to select a digit for the respective position. U Press the rotary control 7 to go to the next position. @@Button = to call the number u Press the entered. @@As soon as your calling party answers the call, the display shows "CALL" and the time of the current phone call. Upon ending the call, the display briefly shows "CALL END". Calling an entry in the phone book Note: This function is available only if the phone book of the connected cell phone was transferred to the car sound system (see the chapter "Phone book functions"). U In the Bluetooth® menu, select the "PHONEBOOK" menu item. U Press the rotary control 7 to open the phone book. The display shows the first phone book entry.

Note: If the phone book has not yet been transferred, the display briefly shows "PHONEBOOK NOT AVAILABLE". U Turn the rotary control 7 to select a different entry. U Press the rotary control 7 or the button = to call the number. @@Note: You can also call an entry in the phone book via speed dial (see the section "Speed dial for phone book entries" in this chapter). Making a call with voice dial Note: This function is only available if the connected cell phone supports voice dial.

U In the Bluetooth® menu, select the "VOICE DIAL" menu item. U Press the rotary control 7 or the button = to activate voice recognition. The car sound system is muted and the display shows "SPEAK NOW". U Say the name of the desired calling partner. notes: · If no Bluetooth® connection is established when voice recognition is activated, the display briefly shows "VOICE DIAL FAILED NO BT CONNECTION".

If the spoken name is not being recognised or the time for the voice recognition has already expired, the display briefly shows "DIAL FAILED". You can cancel the voice recognition by pressing the button <. Please note that the duration of the voice recognition is limited and depending on the respective cell phone. You can also activate the voice recognition via speed dial (see the section "Speed dial for voice dial" in this chapter). 18 Bluetooth® Storing a phone number in the car sound system You can store phone numbers in the car sound system and make calls using the speed dial (see the following section). A phone number is stored for the currently connected telephone and is available only for this telephone. The car sound system can store up to five numbers for up to five paired devices. U Enter the phone number as described in the section "Making a call". U Press the desired memory button 1 - 5 > for approx. 2 seconds to store only the number.

- or u Press the rotary control 7 for approx. 2 seconds to enter a name for the entry. @@U Press the rotary control 7 to go to the next position. @@U Press the desired memory button 1 - 5 > for approx. 2 seconds to store the number and name. The display briefly shows "NUMBER SAVED". @@@@@@@@@@@@@@ to call the number dialed last, button =. U press the The display shows the number dialed last. @@@@To call a stored number, button =.



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@@@U Press the button = to call the number.

@@ to call any number, button =. U Press the On/Off button 3 to open the entry menu and enter a number (enter the phone number as described in the section "Making a call"). button = to call the number. @@19 Bluetooth® Speed dial for phone book entries Note: This function is only available · If the phone book of the connected cell phone was transferred to the car sound system (see the chapter "Phone book functions"). If the speed dial is set for phone book entries (see the chapter "Additional functions in the Bluetooth® menu", section "Setting the button function for speed dial").

To select an entry of the phone book with the speed dial and call it, u press the button = for approx. 2 seconds. The display shows the first phone book entry.

U If necessary, select another entry as described in the section "Calling an entry in the phone book". button = to call the number.

@@ Speed dial for voice dial Note: This function is only available · If the connected cell phone supports voice dial. If the speed dial is set for voice dial (see the chapter "Additional functions in the Bluetooth® menu", section "Setting the button function for speed dial"). To activate the voice recognition with the speed dial, u press the button = for approx. 2 seconds. The car sound system is muted and the display shows "SPEAK NOW". U Say the name of the desired calling partner. Bluetooth® streaming mode Starting the Bluetooth® streaming mode u Press the SRC @ button repeatedly until "BT-STREAM" appears on the display. The Bluetooth® streaming mode can be selected only if a suitable streaming device is connected. If the connection to the streaming device is lost during playback, the display briefly shows "CONNECTION LOST" and the car sound system changes to the previous audio source. selecting tracks u Turn rotary control 7 one notch counterclockwise or clockwise to change to the previous/next track.

Interrupting playback > to interrupt the u Press the 3 button playback ("PAUSE") or to continue it. Phone book functions Transferring the phone book of the cell phone to the car sound system You can transfer the phone book of the connected cell phone to the car sound system to call entries of the phone book using the car sound system. notes: · The car sound system accepts only entries from the memory of the telephone and not from the SIM card inserted in the telephone. The transfer does not delete the phone book from the cell phone. The car sound system can store the phone books of the paired telephones with a total of up to 960 entries. If several numbers are stored on the telephone for one contact (e. g. Landline, cell phone number, office number and similar), each number is stored as a separate entry by the car sound system. 20 Bluetooth® Each entry consists of a name and a number, each up to 20 characters on digits.

Note: Do not switch off the car sound system while transferring the phone book.

If you do or if the power supply of the car sound system should be interrupted for any reason, you have to restart the transfer. U In the Bluetooth® menu, select the "DOWNLOAD PBOOK" menu item. u Press the rotary control 7. The display shows "CONFIRM". After the download is complete, the display briefly shows "DOWNLD COMPLETE".

notes: but · To cancel the transfer, press the ton <. If the transfer of the phone book fails, the display briefly shows "DOWNLOAD FAILED". If the transfer of the phone book exceeds the storage capacity of the car sound system, the display briefly shows "PHONEBOOK FULL". The phone book entries transferred so far remain stored. If you supplemented or changed entries on your cell phone since the last transfer, you can update the phone book on the car sound system by transferring it again.

If the storage capacity of the car sound system is exceeded in the process, first delete the already transferred phone book (see the next section) or unpair another cell phone, if necessary, so that its phone book is also deleted from the car sound system (see the chapter "Additional functions in the Bluetooth® menu", section "Managing paired devices"). If you insert a CD during an ongoing transfer, the playback does not start until the transfer is completed.

Deleting the phone book of the cell phone from the car sound system You can delete the phone book of the connected cell phone. note: The telephone remains connected. U In the Bluetooth® menu, select the "DELETE PBOOK" menu item. u Press the rotary control 7. The display shows "CONFIRM". u Press the rotary control 7 again. Additional functions in the Bluetooth® menu Changing the Bluetooth® PIN The factory-set Bluetooth® PIN of the car sound system is "1234"; e. g.

It must be entered on the cell phone when pairing a cell phone. This PIN can be changed. U In the Bluetooth® menu, select the "PIN EDIT" menu item. U Press the rotary control 7 to open the entry menu. You can now enter the PIN: u Turn the rotary control 7 to select a digit for the respective position. U Press the rotary control 7 to go to the next position. @@21 Bluetooth® Managing paired devices In the Bluetooth® menu, you can manage the paired Bluetooth® devices (cell phones and streaming devices such as MP3 player). In the device lists for cell phones and streaming devices, the Bluetooth® names or addresses of the paired devices are displayed. You can do the following: · Disconnecting the connection to the currently connected Bluetooth® device · establishing a connection to one of the paired Bluetooth® devices · Unpairing Bluetooth® devices u In the Bluetooth® menu, select the menu item "PHONE LIST" or "STREAMING LIST". U Press the rotary control 7 to open the menu.

The first device on the list is displayed. note: If no device is paired, "EMPTY LIST" is briefly displayed. U Turn the rotary control 7 to select a different device or the "DELETE ALL" option. You have the following options: To connect the displayed device, u press the button =. As soon as the device is connected, "CONNECTED" is briefly displayed and you are returned to the Bluetooth® menu.

Note: If no connection can be established, the display briefly shows "CONNECT FAILED". If the device is already connected, the display briefly shows "CONNECT EXIST". To disconnect the connection to the displayed device, u press the button <. The display briefly shows "DISCONNECTED" and you are returned to the Bluetooth® menu. Note: If the device was not connected, the display briefly shows "NO CONNECTION".

To unpair the displayed device, button < for approx.



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2 sec press the onds. The display briefly shows "DELETED" and you are returned to the Bluetooth® menu. Note: If a telephone is unpaired, the numbers stored for this telephone and a phone book transferred from this cell phone are automatically deleted. To unpair all the cell phones or streaming devices, u select the "DELETE ALL" menu item. u Press the rotary control 7. The display shows "CONFIRM". Butu Press the rotary control 7 or the ton = again. The display briefly shows "EMPTY LIST". Setting the button function for speed dial You can select whether the long press of the button = opens the phone book or activates voice dial.

U In the Bluetooth® menu, select the "SOFTKEY" menu item. Next to "SOFTKEY", the current "PBOOK" setting for phone book or "VOICE" for voice dial is displayed. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. 22 External audio sources \ Sound settings External audio sources Front AUX-IN socket Danger! Increased risk of injury from connector. In case of an accident, the protruding connector in the front AUX-IN socket may cause injuries. The use of straight plugs or adapters leads to an increased risk of injury. For this reason, we recommend using angled jack plugs, e. As soon as an external audio source, such as a portable MP3 player is connected to the front AUX-IN socket ;, it can be selected with the SRC button @.

"AUX" then appears on the display. notes: · You can enter an individual name for the AUX source that is shown on the display in AUX mode (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "AUX EDIT"). You can play back an AUX source at the same time with one of the internal audio sources of the car sound system. Hence, you can play back the announcements of a navigation device connected to the front AUX-IN socket ; via the loudspeakers of the car sound system while listening to the radio or a CD at the same time. In addition, you can adjust the volume levels of both audio sources to each other.

For more details, please read the section "Making settings in the "VARIOUS" menu", menu items "AUX MIX" and "AUX MIX GAIN" in the chapter "User settings". Sound settings The following sound settings can be changed in the "AUDIO" menu: · Adjusting the increase of bass at low volume (Loudness) · selecting a sound profile (Sound Preset) · Setting level and frequency of the preamplifier output (Sub-Out) · setting the 3-band equaliser · Adjusting the time delay for switching in an external amplifier Calling and exiting the "AUDIO" menu u Briefly press the MENU button 2 to open the user menu. U Turn the rotary control 7 until the "AUDIO" menu item is selected. U Press the rotary control 7 to open the "AUDIO" menu. U Turn the rotary control 7 until the desired menu item is selected.

U Perform the setting (see the next section). U Briefly press the MENU button 2 to exit the menu. 60 seconds after the last button activation and you are returned to the display of the current audio source. To go back to the next higher-level menu, turn the rotary control 7 until the "<<<" option is selected and press the rotary control 7. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 until the desired level is set. U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 until the desired level is set. U Press the rotary control 7 to confirm the setting.

U Press the rotary control 7 to change the setting. U Turn the rotary control 7 until the desired volume distribution is set. U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 until the desired volume distribution is set. U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting.

U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. SUB-OUT Setting the level and frequency of the preamplifier output. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to change between the following menu items: FREQUENCY (settings: 80/120/160 Hz) GAIN (settings: 0 to +7) u Press the rotary control 7 to change the setting for the selected menu item.

U Turn the rotary control 7 to set the level or frequency. U Press the rotary control 7 to confirm the setting. 24 Sound settings AMP DELAY Setting the delay with which a connect amplifier is switched in. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 until the desired delay is set.

U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. EQ TREBLE Adjusting treble frequency and level of the equalizer. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to change between the following menu items: FREQUENCY (settings: 10/12. 5/15/17. 5 kHz) GAIN (settings: 7 to +7) u Press the rotary control 7 to change the setting for the selected menu item. U Turn the rotary control 7 to set the level or frequency.

U Press the rotary control 7 to confirm the setting. EQ MIDDLE Adjusting centre frequency and level of the equalizer. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to change between the following menu items: FREQUENCY (settings: 0. 25) u Press the rotary control 7 to change the setting for the selected menu item. setting the 3-band equaliser The radio features a 3-band equaliser. For each of the three treble, middle and bass bands, you can select a frequency as well as adjust the level. In addition, you can adjust the quality factor for bass and middle. The equaliser also provides an adjustable increase of the bass at low volume (X-bass). Opening the "EQUALIZER" menu u In the "AUDIO" menu, select the "EQUALIZER" menu item.

U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to change between the following menu items: EQUALIZER EQ TREBLE EQ MIDDLE EQ BASS EQ X-BASS Note: The submenus in the "EQUALIZER" menu are not automatically exited after the last key has been activated. After the setting, press the MENU button 2 to exit the menu. 25 Sound settings \ User settings u Turn the rotary control 7 to set the level, frequency or Q-factor.



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U Press the rotary control 7 to confirm the setting.

EQ BASS Adjusting bass frequency and level of the equalizer. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to change between the following menu items: **FREQUENCY** (settings: 80/100/200 Hz) **GAIN** (settings: 7 to +7) **Q-FACTOR** (settings: 1. 0) u Press the rotary control 7 to change the setting for the selected menu item. U Turn the rotary control 7 to set the level, frequency or Q-factor.

U Press the rotary control 7 to confirm the setting. **EQ X-BASS** Adjusting the frequency and level for the increase of bass at low volume. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to change between the following menu items: **FREQUENCY** (settings: 60/80/100 Hz) **GAIN** (settings: 0 to +3) u Press the rotary control 7 to change the setting for the selected menu item. U Turn the rotary control 7 to set the level or frequency. U Press the rotary control 7 to confirm the setting. User settings Calling the user menu and selecting a menu u Briefly press the **MENU 2** button to open the user menu. In the user menu, the user settings can be found in the following menus: **BLUETOOTH** (Hamburg 420 BT only, see the chapter "Bluetooth®") u Turn the rotary control 7 until the desired menu is selected. U Press the rotary control 7 to open the selected menu. U Turn the rotary control 7 until the desired menu item is selected.

U Perform the setting (see the following sections). U Briefly press the **MENU** button 2 to exit the menu. 60 seconds after the last button activation and you are returned to the display of the current audio source. To go back to the next higher-level menu, turn the rotary control 7 until the "<<<" option is selected and press the rotary control 7. 26 User settings Making settings in the "TUNER" menu **TRAFFICINFO** (traffic information) (only for reception area **EUROPE**)

Only possible in FM radio mode: Switching priority for traffic announcements on or off. settings: **ON**, **OFF**. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. If priority is switched on for traffic information, the .

Display shows the icon **BAND SELECTION** Activating or deactivating memory banks. Memory banks that can be deactivated: **Region EUROPE USA SOUTH AMERICA THAILAND** Memory banks **FM2, FMT, MW, LW FM2, FMT, AM, AMT FM2, FMT, AM, AMT** Notes: · In the factory default, all AM memory banks are deactivated. If a memory bank is deactivated, the stations stored in this memory bank are retained. **REGIONAL** (only for reception area **EUROPE**) Only possible in FM radio mode: Switching **REGIONAL** function on or off. settings: **ON**, **OFF**.

U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings.

U Press the rotary control 7 to confirm the setting. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. Note: If the reception area "USA", "SOUTH AMERICA" or "THAILAND" is selected, **RDS** is automatically switched off. The station name continues to be shown on the display. settings in each case: **ON**, **OFF**. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 until the desired memory bank is set. U Press the rotary control 7 to change the setting.

U Turn the rotary control 7 to toggle between the settings **ON** (activate memory bank) and **OFF** (deactivate memory bank). U Press the rotary control 7 to confirm the setting. Deactivated memory banks are skipped during the source selection with the **SRC** button @. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. **PTY TYPES** Only possible with activated **PTY** function: Select a programme type. Note: As soon as a programme type has been selected, this programme type is shown as menu item in the menu instead of "PTY TYPES". U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the available programme types.

U Press the rotary control 7 to confirm the selected programme type. **PTY LANGUAGE** (only for reception area **EUROPE**) Only possible with activated **PTY** function: Select a language for the display of the programme types. settings: **ENGLISH**, **DEUTSCH** (German), **FRANCAIS** (French). U Press the rotary control 7 to open the menu. U Press the rotary control 7 to change between the languages.

u Turn the rotary control 7 to select a language. U Press the rotary control 7 to confirm the selected language. **TUNER AREA** (reception area) Select the reception area for the radio reception. settings: **EUROPE**, **USA**, **SOUTH AMERICA**, **THAILAND**. U Press the rotary control 7 to open the menu.

U Turn the rotary control 7 to change between the reception areas. u Press the rotary control 7 to select a reception area. The display shows "PLEASE CONFIRM". U Press the rotary control 7 to confirm the selected reception area. Making settings in the "DISPLAY" menu **DIMMER** Select automatic or manual switching of the display brightness for day or night. Settings: **AUTO** (display brightness is automatically switched by switching the driving lights on or off), **MANUAL** (display brightness can be switched manually). U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. Automatic switching of the display brightness is possible only if your car sound system is installed as described in the installation instructions and your vehicle features the corresponding connection.

When displaying MP3 file names with more than 15 characters) either as single display or continued display. settings: **1X** (single display), **ON** (continued display). U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. 28 User settings **LANGUAGE** (only for Hamburg 420 BT) Select the language for the display. settings: **ENGLISH**, **DEUTSCH** (German).

U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting.

TRAFFIC VOL (traffic information volume) (reception area **EUROPE** only) Setting the minimum volume for traffic announcements. settings: 1 50. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to set the volume. U Press the rotary control 7 to confirm the setting.

HANDSFREE VOL (for Hamburg 420 BT only and with connected cell phone) Adjusting the level for handsfree volume.



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settings: 5 to +5. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to set the level adjustment. U Press the rotary control 7 to confirm the setting.

Note: When storing radio stations, a confirmation beep sounds even if the OFF setting is selected. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. Making settings in the "VOLUME" menu ON VOLUME Setting the power-on volume. Settings: ON VOLUME (power-on volume; 1 50) or LAST VOLUME (volume set last before switching off the car sound system). danger! High volume The power-on volume can be unexpectedly high if the LAST VOLUME setting is selected and a high volume was set the last time the radio was switched off. Always set the device to a moderate volume. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to switch between the menu items "LAST VOLUME" and "ON VOLUME" (power-on volume).

Upon selecting "LAST VOLUME": u Press the rotary control 7 to confirm the setting. Upon selecting "ON VOLUME": u Press the rotary control 7 to change the setting. U Turn the rotary control 7 to set the volume. U Press the rotary control 7 to confirm the setting. 29 User settings Making settings in the "CLOCK" menu PERM CLOCK Switch the permanent display of the time on or off. settings: ON , OFF. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. If the permanent display of the time is switched on, the time is shown on the display.

The display of the respective audio source is shown only after pressing a button. Approximately 15 seconds after the button is pressed last, the time is displayed again. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting.

sET Setting the time. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 clockwise to set the hours. U Turn the rotary control 7 counter-clockwise to set the minutes. U Press the rotary control 7 to confirm the time set.

Note: When you set the time in 12-hour mode (HOUR MODE 12), an "AM" is displayed before the time for the time before noon or a "PM" for the time after noon. Making settings in the "VARIOUS" menu DEMO MODE Switching the demo mode on or off. settings: ON , OFF. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. In demo mode, the features of the radio are shown as scrolling text on the display. MIX AUX Switching the combined playback of the AUX source with another audio source on or off. settings: ON , OFF. U Press the rotary control 7 to change the setting.

U Turn the rotary control 7 to change between the settings. U Press the rotary control 7 to confirm the setting. With the AUX MIX ON setting, an audio source connected to the front AUX-IN socket ; is played back simultaneously with the respective active internal audio source of the car sound system (e. @@ settings: 5 to +5. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to set the level adjustment. U Press the rotary control 7 to confirm the setting. @@U Press the rotary control 7 to open the menu. U Press the rotary control 7 to change the setting. @@U Press the rotary control 7 to confirm the setting.

@@The name entered is shown on the display as soon as you select the AUX source. SCAN TIME Setting the scan time in seconds. settings: 4/8/12/16/60 SEC. U Press the rotary control 7 to change the setting. U Turn the rotary control 7 to change between the settings.

U Press the rotary control 7 to confirm the setting. VERSION Displaying the version of the CPU and software of the radio. U Press the rotary control 7 to open the menu. U Turn the rotary control 7 to toggle between the display of the version number of CPU (P) and software (E). NORMSET Restoring the original factory settings of the car sound system.

u Press the rotary control 7. The display shows "PLEASE CONFIRM". U Press the rotary control 7 again to confirm the resetting. The car sound system switches off and is reset to the factory settings. @@@@The warranty terms can be called up from www. 9 MHz AM (MW): 530 1,710 kHz FM frequency response: 30 15,000 Hz CD Frequency range: Pre-amp out 4 channels: Input sensitivity Front AUX-IN: 20 20,000 Hz 2V 300 mV / 10 k Service In some countries, Blaupunkt offers a repair and pick-up service. Information about the availability of this service in your country can be found at www. If you want to take advantage of this service, you may request a pick-up service for your car sound system via the Internet. 9 MHz 530 1,710 kHz Subject to changes 32 Installation instructions Installation instructions Safety instructions When carrying out installation work and making connections please observe the following safety instructions: · Disconnect the negative terminal of the battery! When doing so, please observe the vehicle manufacturer's safety instructions. Make sure you do not damage vehicle components when drilling any holes.

The cross sections of the positive and negative cables must not be less than 1. Do not connect the vehicle's plug connectors to the radio! You can obtain the adapter cable required for your vehicle type from any BLAUPUNKT dealer. Depending on the model, your vehicle may differ from the description provided here. We accept no responsibility for any damages due to incorrect installation or connection or for any consequential damages. If the information provided here is not suitable for your specific installation requirements, please contact your Blaupunkt dealer, your vehicle manufacturer or our telephone hotline.

When installing an amplifier, you must first connect the device earth connections before connecting the plugs for the line-out jacks. Earth connection of external devices may not be connected to earth of car sound system (housing). 15/Ignition Ground 1 2 3 4 5 6 7 8 B Speaker out RR+ Speaker out RR Speaker out RF+ Speaker out RF Speaker out LF+ Speaker out LF Speaker out LR+ Speaker out LR C1 1 2 3 4 5 6 NC NC NC NC NC NC 7 8 9 10 11 12 C2 Telephone AF + Telephone AF Radio Mute Remote Control +12V * Remote Control IN Remote Control GND 13 14 15 16 17 18 19 20 C3 NC NC NC NC NC NC NC NC 36 Installation instructions Relais +12V Sub Out GND Sub Out 7 1 35 68 24 Kl. Our product can support below listed iPod/ iPhone generations: iPod touch (4th generation) iPod touch (3rd generation) iPod touch (2nd generation) iPod touch (1st generation) iPod classic iPod with video iPod nano (6th generation) iPod nano (5th generation) iPod nano (4th generation) iPod nano (3rd generation) iPod nano (2nd generation) iPod nano (1st generation) iPod iPhone 4S iPhone 4 iPhone 3GS iPhone 3G iPhone "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone respectively, and has been certified by the developer to meet Apple performance standards.



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38 Please keep the filled-in radio pass in a safe place! .



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