

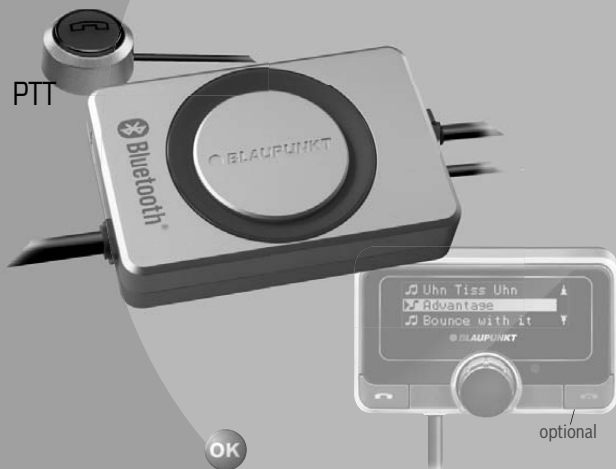
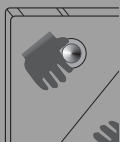


Zubehör / Accessories

Bluetooth-/USB-Interface VW / Audi
mit / with PTT
mit / with OLED-Display (optional)

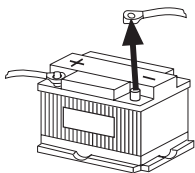
7 607 545 550

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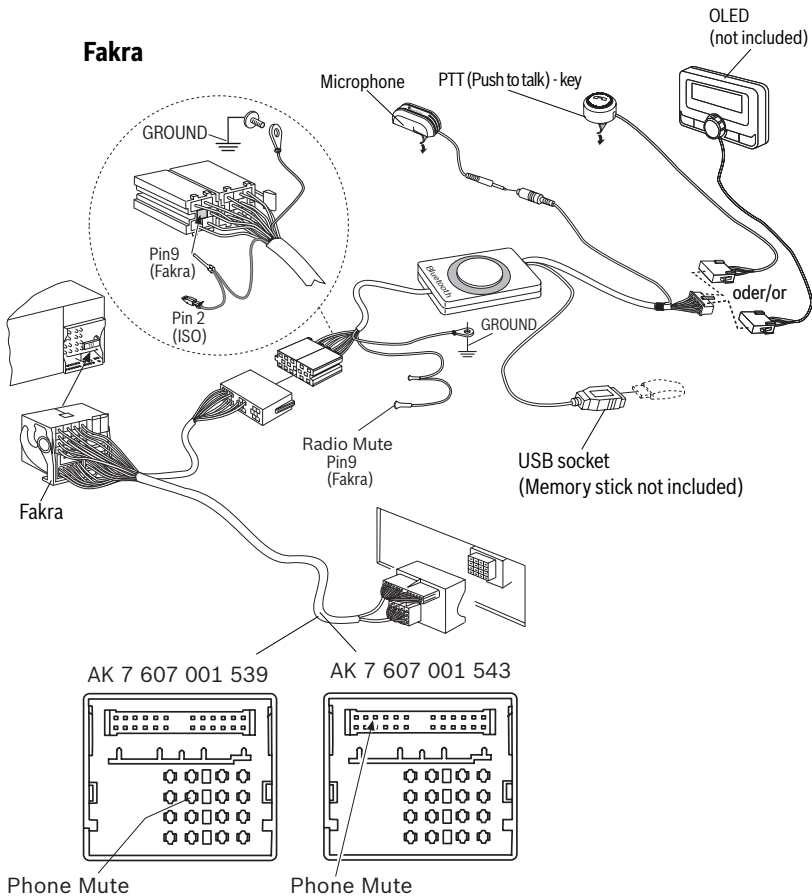


BLAUPUNKT

Connection / Anschluss

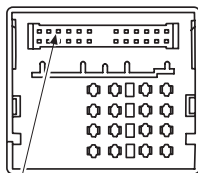
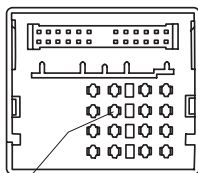


Fakra



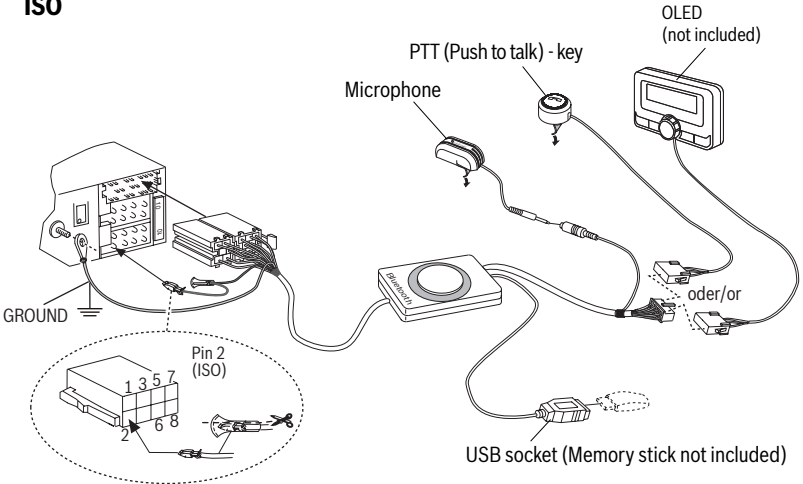
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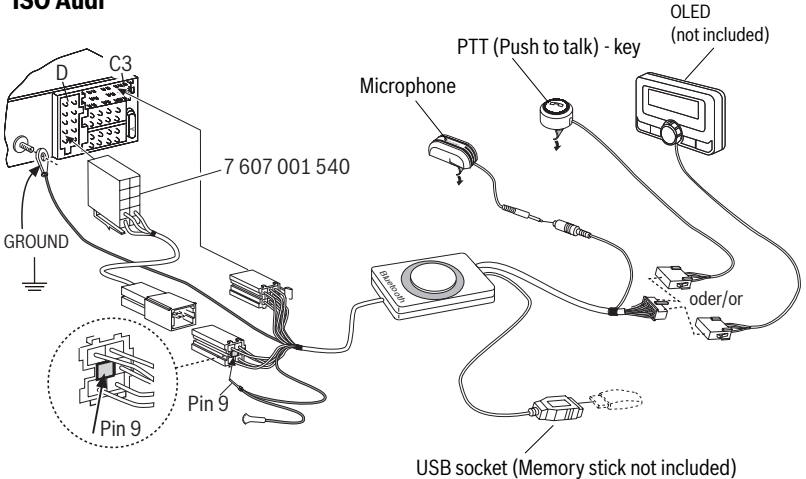


Connection / Anschluss

ISO



ISO Audi



Technical Data / Technische Daten

| | |
|--|---|
| Bluetooth | 1.2 (compatible with 1.x) |
| Supported Bluetooth profiles Unterstützte Bluetooth-Profile | HFP, SPP, GAP, SDAP, AADP (A2DP), AVRCP |
| Certifications Standards | e1, CE, FCC, Bluetooth |
| USB | Version 2.0 (full speed), (compatible with 1.x) Mass Storage Device Class |
| MP3-USB-Bitrate | max. 320 kb/s, max. 48 kHz sample rate |
| MP3 Meta Data | ID3 v1, v2 (ISO8859-1 and ASCII), max.32char Title, Album, Artist |
| Playlist | M3U format supported, Latin-1 char set, see e.g. http://en.wikipedia.org/wiki/M3U |
| Data Structure | max. 64000 files and directories, up to 16 directory levels |
| Temperature range Temperaturbereich | - 40° C ... 85° C |
| USB voltage / current strength USB-Spannung / -Stromstärke | 5V / 0,5 A (1,0 A short term / kurzzeitig) |
| Power Supply Spannungsversorgung | +12 ... 28 V |
| Dimensions (inch) Abmessungen (mm) | 1.1 x 3.2 x 4.8 (without cables) 28 x 81 x 121 (ohne Kabel) |
| Weight Gewicht | 300 g |
| For / Für VW, Audi, Seat, Skoda, Ford Radios see / siehe www.blaupunkt.com Bluetooth USB Interface VW Compatibility list of OEM devices Bluetooth-USB-Interface-VW Kompatibilitätsliste Erstausrüstergeräte | |

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ENGLISH

We provide a manufacturer's warranty for our products purchased within the European Union. You can view the warranty terms at www.blaupunkt.de or request them directly from:

Blaupunkt GmbH
Hotline
Robert Bosch Str. 200
D-31139 Hildesheim

Safety notes

Before drilling holes for mounting, ensure that no routed cables or vehicle components are damaged!

Do not install the USB socket, microphone and PTT button in the deployment area of the airbag, and ensure that the tray is safe and solid so that passengers in the vehicle are not at risk during emergency braking. Use cable glands for holes with sharp edges.



The negative terminal on the battery must be disconnected while the device is being installed and connected.

Observe the safety notes from the vehicle manufacturer (airbag, alarm systems, on-board computers, immobilisers).

Recycling and disposal

Please use the return and collection systems available to dispose of the product.

Declaration of conformity

The Blaupunkt GmbH declares that the Bluetooth/USB Interface device complies with the basic requirements and the other relevant regulations of the directive 1999/5/EG.

Dear customer,

the firmware "**SW8C01VW**" for the Bluetooth USB interface (BT-USB interface, 7607 545 500 001) is now available and provides several new functions that we would like to explain below.

A significant innovation since SW8625VW is the **support for the OLED display (7 607 548 500 001)**.

Caution:

Before startup of the OLED display, it is necessary to update the firmware of your BT-USB interface (see the section Software update).

The following instructions assume that the firmware of your BT-USB interface has already been updated, and the language was set to English (see the section Settings menu).

This firmware can also be used with your PTT like the previous versions. The OLED-specific control and display options listed below are not available in this case.

Switch-on

The OLED display switches on **automatically** as soon as you switch on your radio or radio navigation device (RNS).

Switch-off

The OLED display switches off **automatically** as soon as you switch off your radio or radio navigation device (RNS).

You can also switch off the display **manually**; to do so, press and hold the **red phone button** for longer than **5 seconds**. The buttons remain illuminated to improve navigation at night.

In the "Display -> Standby" Settings menu, you can **preselect a time** after which the display automatically switches off with switched-on radio, e.g. to reduce a possible distraction of the driver.

In the "Display -> Switch-on" menu item, you select how the display will be switched on again.

If a call should be received after manual or automatic switch-off, the display switches on automatically again (provided that the radio is still switched on).

Displays and controls

The OLED display shows different information depending on the current status of your BT-USB interface. Which control options are available via the green (left) and red (right) phone button as well as the central rotary pushbutton is listed in the following sections.

Pressing the red and green phone button at the same time calls up the **Settings menu**. Here you can adjust many properties to your personal preferences, such as the language (English, French, German) or ID3 tags from MP3 files to be displayed.

After initial switch-on

After switch-on, the OLED display greets you with a Blaupunkt lettering which gives way for a smaller lettering after a few seconds.

Registering (pairing) your cell phone with the interface

Use your cell phone to search for Bluetooth devices (see the instructions of the cell phone -> Pairing). The telephone finds "Blaupunkt IF" and asks for a PIN. Enter **PIN 1234** on your cell phone. An existing BT handsfree connection is shown on your OLED display by a non-flashing BT symbol in the top left corner.

If your telephone does not request a PIN, please check by means of the compatibility list for cell phones (www.blaupunkt.com) whether a different configuration should be set for operation with your type of telephone.

You can couple up to 5 cell phones with the interface. If additional phones are coupled, the data of the phone coupled first are deleted from the list.

The **automatic reconnect** for handsfree registering is started by the interface under the following conditions:

1. After **switch-on** of the interface, every one of the last up to 5 pairings is checked for up to 15 seconds whether a pairing can be re-established. During this time, the BT symbol flashes. With active pairing, the BT symbol is displayed constantly. If no pairing is accomplished, the BT symbol goes out. As long as the BT symbol flashes, acoustic interference's are possible in an existing audio stream connection, since all BT radio channels (including those in which an audio stream already exists) are checked for the pairing.
2. An automatic pairing attempt (flashing BT symbol) starts if an **existing pairing is dissolved** with switching off BT in the cell phone or removing it from the BT radio range.
3. Press on the **green phone button** (as long as no telephone is registered). **ntaste** (solange kein Telefon gekoppelt ist).

Note:

To initiate a pairing, it is NO LONGER required to hold the PTT button pressed for 5 seconds. The interface is always visible in the BT radio range and ready for pairing.

Without any preparation at the interface of your BT device, start the function **"Find other BT devices"** (may be called differently, see the instructions of your BT device) and select your "Blaupunkt interface"

Connecting two BT devices with the interface at the same time

The use of the services **"Hands-Free Calling"** and **"Audio Streaming"** can now (new) be performed by **different BT devices** that are **connected with the interface at the same time**.

For example: cell phone for hands-free calling and Music Player with Bluetooth transmitter (BT-TX) for audio streaming.

Until now, it has only been possible to perform both functions with the same BT device. The following illustrations (overview of functions) display the existing and the newly made possible connections:

Each of the offered services **"Hands-Free Calling"** (BT profile HFP) and **"Audio Streaming"** (BT profile A2DP and AVRCP) **can only be used by no more than one BT device at the same time**.

Notes:

A simultaneous hands-free connection with two cell phones is NOT possible. Only after disconnecting a hands-free connection is it possible to activate the second one.

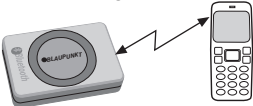
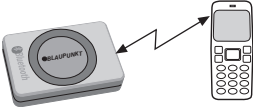
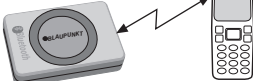
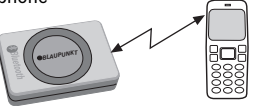
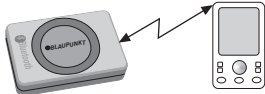
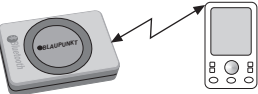
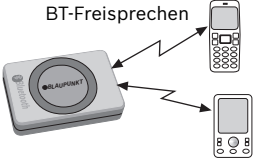
For audio streaming connections, there is no list of the devices used last.

A Bluetooth Audio streaming transmitter (BT-TX) connects itself only if the connection is actually requested.

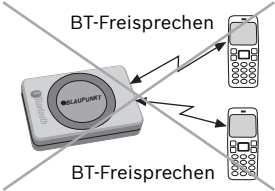
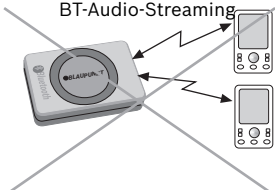
An interface that is switched on is always ready for pairing with a BT-TX.

The pairing of a BT streaming device is NOT saved in the interface, some streaming devices may request the PIN after every restart.

Overview of functions

| Mode | Previously possible | Possible with SW8205 or higher |
|------|--|--|
| 1 | <p>Hands-free calling with cell phone</p>  <p>BT-Freisprechen</p> | <p>Hands-free calling with cell phone</p>  <p>BT-Freisprechen</p> |
| 2 | <p>Hands-free calling and audio streaming with cell phone</p>  <p>BT-Audio-Streaming BT-Freisprechen</p> | <p>Hands-free calling and audio streaming with cell phone</p>  <p>BT-Audio-Streaming BT-Freisprechen</p> |
| 3 | <p>Audio streaming with BT transmitter (BT-TX)</p>  <p>BT-Audio-Streaming</p> | <p>Audio streaming with BT transmitter (BT-TX)</p>  <p>BT-Audio-Streaming</p> |
| 4 | <p>Function not available!</p> | <p>Hands-free calling with cell phone and audio streaming (connected at the same time) with BT transmitter (BT-TX)</p>  <p>BT-Freisprechen</p> <p>BT-Audio-Streaming</p> |

Overview of functions

| Mode | Previously possible | Technically not possible |
|----------------------------|--|--|
| <p>Not possible</p> | <p>Hands-free calling with 2 cell phones Function not available!</p> | <p>Hands-free calling with 2 cell phones Function not available!</p>  <p>BT-Freisprechen</p> <p>BT-Freisprechen</p> |
| <p>Not possible</p> | <p>Audio streaming with 2 BT transmitters (BT-TX) Function not available!</p> | <p>Audio streaming with 2 BT transmitters (BT-TX) Function not available!</p>  <p>BT-Audio-Streaming</p> <p>BT-Audio-Streaming</p> |

Telephone: incoming call

An incoming call is shown on the OLED display by a vibrating telephone, the note "Call" and (if transmitted) name or phone number of the call as well as a flashing rotary button.

You can **reject** the call by pressing the **red telephone button** or pressing the PTT button for a longer time.

You can **answer** the call by pressing the **green telephone button**, the **rotary button** or briefly pressing the PTT button.

"**Call Active**" indicates that the phone connection (GSM) is active. At the same time, the car sound system is muted (Tel. Mute) and the voice of the caller is played via the car loudspeakers.

You can **end** the call by pressing the **red telephone button** or the **rotary button** or pressing the PTT button.

Telephone: outgoing call

To make a phone call, press the **green telephone button** or the PTT button.

The **voice recognition** of the cell phone is activated (if available and activated).

The OLED display shows "**Phone Book**". Push the rotary button to confirm your selection and select the **first letter** of the desired contact by turning the button clockwise or counterclockwise. Pressing the rotary button again displays a 3-line segment from the list of all contacts whose name starts with this letter. "No Phone Book" indicates that no phone book could be loaded by your cell phone. "Loading Phone Book" indicates that the download by the cell phone has not been completed yet; please repeat your attempt at a later time.

Select the desired contact from the phone list by turning the rotary button clockwise or counterclockwise. In addition to the contact name, the phone number is also displayed now. You start the dialing process with the green telephone button.

The OLED display shows a phone icon and the text "Dialing ..." with the selected phone number. You can cancel by pressing the red phone button.

As soon as the contact you are calling has answered the call, the OLED display shows "Call Active" again. You can end the call by pressing the red phone button.

If you turn the button during the "Phone book" display, "**Dial Number**" appears as an alternate input option, which you can select by pressing the rotary button.

From the displayed list, select the first digit of the desired phone number and copy it to the 2nd line containing your selected number by pressing the button. If you inadvertently selected a wrong digit, you can delete it by briefly pressing once on the red phone button. If you want to completely cancel the number entry, hold the red button pressed for at least 2 seconds, and you are returned to "Dial Number".

After completely entering the number, start dialing by pressing the green phone button.

You can cancel or end by pressing the red phone button

Audio streaming via BT

Activate the audio streaming on your cell phone or BT streaming transmitter. Use **PIN 1234**. If the PIN of your BT streaming transmitter is permanently set to "0000", you can also adjust the interface to this PIN, see the Settings menu.

During the audio streaming, the OLED display shows "**STREAM**".

For some BT streaming transmitters with **remote control option** (BT AVRCP, Audio Video Remote Control Profile), it is possible to jump to the previous/next track by turning the rotary button to the left or right or pressing the left/right radio button.

MP3 playback via USB

You can connect a USB removable media drive with MP3 files to the interface to play the MP3 files via the car sound system. The car sound system must be switched on. During a hands-free telephone call and with active audio streaming, the USB playback is interrupted.

By turning the button left or pressing the radio button <, you jump to the start of the track currently playing (playback time > 3 sec.) or to the previous track.

By turning the button right or pressing the radio button >, you jump to the next track.

Forward and reverse can be done as before with a long press on the Right or Left button of your radio.

Mix, Repeat and Scan settings should also be performed on your radio.

During the **MP3 playback**, the OLED display shows **additional information** from the MP3 files ("ID3 tags"). In the **Settings menu**, you can select **different views and configurations** for this purpose. If ID3 tags to be displayed should not be filled out in MP3 files (e.g. no track), the note "No Track" is displayed.

Browsing (OLED)

During the MP3 playback from the USB medium, **press the rotary button** to reach the **Browsing mode**. It allows you a convenient navigation through the directories of your music collection on the USB medium. While selecting a new song, the currently played song continues being played. Only after confirmation does the new song begin to be played.

"**Please wait**" indicates that new list entries are being searched.

The displayed 3-line list contains all the subdirectories, playlists and MP3 files in the currently used directory of your USB memory.

The **currently played MP3 file** is preselected and identified with "->".

You scroll through the list entries by turning the rotary button left or right.

A list entry is a **subdirectory** or a **playlist**:

- Pressing on the rotary button opens the subdirectory or the playlist.

The display corresponds to the aforementioned one.

List entry is **MP3 file**:

Pressing on the rotary button end the current playback and starts the playback of the selected file. The display corresponds to the aforementioned one.

Pressing on the **red phone button** calls up the **higher-level directory**.

With the up/down radio buttons, you reach the next/previous directory or playlist according to the memory order on the USB memory device.

Note:

The browsing mode is exited automatically 30 seconds after the last button or rotary button activation or manually with a long press on the red phone button.

Tip: (OLED or PTT)

The convenient navigation through your USB file structure allows you to clearly organise your music data and quickly access the data.

However, a large number of directories, particularly on large USB hard disks, slow down access to your music data. As an alternative, try to organise your music collection via playlists (M3U playlists, for format see <http://de.wikipedia.org/wiki/M3U>).

Folder management / Structure on USB removable data carrier

Default Mode

Default Mode (see Settings menu) is factory set with the following properties:

- Direct selection of up to 6 directories with CD selection buttons on the radio
- Playback of up to 99 tracks from each of these directories
- Use of playlists (with OLED display only)

Please prepare your USB memory as follows for this purpose:

- Create a folder called **Blaupunkt**.
- Create 6 subfolders in this folder called "CD01" to "CD06".
- In every subfolder ("CD0x"), you can manage up to 99 tracks / pieces of music. The operation corresponds to the VW / Audi CD changer.

It is also possible to manage more than 99 music files, but then the display of the track number can no longer be uniquely associated with the music file.

Let's assume that the USB drive is U:

- U:**Blaupunkt**\
Playlists (can only be used with OLED display!)
- U:\Blaupunkt**CD01**
containing up to 99 MP3 files
- U:\Blaupunkt**CD02**
containing up to 99 MP3 files
- U:\Blaupunkt**CD03**
containing up to 99 MP3 files
- U:\Blaupunkt**CD04**
containing up to 99 MP3 files

- U:\Blaupunkt**CD05**
containing up to 99 MP3 files
- U:\Blaupunkt**CD06**
containing up to 99 MP3 files

Extended Mode

If you connected an OLED display (7607 548 500) to your interface, you can alternately activate the **Extended Mode** with the following properties via the Settings menu:

- Use of any directory structure on up to 16 directory levels
- No limitation for the Blaupunkt directory and the names CD01 ... CD06
- More than 99 tracks possible in every directory
- Playlists possible in all directories

Operation and display on your radio are then limited to

- No direct selection of directories
- Track display of 01 to 99
- No direct assignment of displayed track number to music file

The Settings menu can be used again to activate the Default Mode, if needed.

Notes:

After changing between Default and Extended Mode, you should turn your car sound system off and on again, so that all the changes also take effect in your radio.

In radios with integrated CD changer, the CD count for the interface begins after the maximal internal CD number.

Example:

Internal changer for 6 CDs (CD01 ... CD06)

BT-USB interface with 6 directories

Blaupunkt \ CD01 ... CD06 will be shown as CD 07 ... CD12.

Settings menu (OLED only)

To call up the Settings menu, press the **green or red phone button at the same time**. The OLED display shows "Settings Bluetooth". Music playback and data transfer to the radio are interrupted to prevent interferences that could occur by saving the settings data.

The individual menu items can be reached by turning the rotary button left or right.

Briefly pressing on the rotary button opens the selected menu. Additional settings can be made by turning and pressing on the rotary button. OK on the display confirms your selection, and the successful storing of your defined values.

Briefly pressing on the red phone button calls up the previous/higher-level menu item.

Notes:

- To avoid possible setting conflicts, you should **delete** or **rename** the **config.txt** file from your Blaupunkt directory when using an OLED display.
- The following overview shows which settings you can perform in your interface. The **basic factory settings** are marked in **grey**

Which settings are active?

In the Settings menu under **Settings -> Info -> BT-USB-IF -> Config**, the OLED display indicates which configuration settings are currently active.

The active settings appear inversely in the individual setting menus.

This information can also be found in the **id.txt** file, see the section Instructions for reading out technical data.

Operation with PTT

Adjust the desired configuration by loading a config.txt file. See the section Instructions for configuration changes.

The following table shows the displayed configurations in square brackets [...].

| Settings [Config display] | Function |
|--|---|
| Bluetooth | Settings of various Bluetooth functions |
| Delete pairing | Deleting the pairings between interface and Bluetooth devices |
| Device Name | All pairings saved in the interface are deleted. |
| Start pairing | |
| On | Opens the time window in which interface and Bluetooth devices can be paired. |
| PIN | |
| 1234 | Standard setting "1234" |
| 0000 | For streaming devices with fixed setting of the PIN to "0000" |
| Comp. mode | Bluetooth compatibility mode |
| Off | Basic setting for all Bluetooth cell phones that do not have the following specific feature. |
| On [BT_COMP_MODE] | This setting should be activated if your cell phone does not request the PIN for the "Blaupunkt IF" after the pairing during the Bluetooth connection attempt. For example, this applies to Nokia 6210, Motorola V300 |
| Phone book | Which phone book should be loaded from the cell phone? |
| All [CFG_PB_ALL] | All available phone books (SIM card, inside cell phone) are loaded into the interface (max. total entries: 200) |
| SIM [CFG_PB_SIM] | Only the phone book of the SIM card is being loaded (max. total entries: 200) |
| internal [CGF_PB_INT] | Only the internal phone book of the cell phone is being loaded (max. total entries: 200) |
| No download [CFG_PB_NONE] | No phone book is being loaded into the interface. |
| BT On / Off [BT_ON_OFF] | Turns the Bluetooth function of the interfaces on or off. |
| HFP On / Off [BT_HFP_ON_OFF] | Turns the Bluetooth hands-free function on (BT On/Off must be On!) or off. |
| A2DP On / Off [BT_A2DP_ON_OFF] | Turns the Bluetooth streaming receiver in the interface on (BT On/Off must be On!) or off. |

| Settings [Config display] | | Function |
|--------------------------------------|--------------------------------------|--|
| Display | | Settings of various display functions |
| Brightness | | Brightness setting |
| | Auto (Sensor) | The brightness of the display adjusts automatically to the ambient light conditions. |
| | Fix 20% ... Fix 100% | The brightness value is permanently set to xx% (xx = 20 40 60 80 100) |
| Standby | | Activation of the Standby mode |
| | Off | The display always remains active and is not switched off |
| | 10 sec. ... 120 sec. | After xx seconds, the display switches to Standby mode (xx = 10 20 ... 110 120), display dark, button illumination switched on, switches on again with a phone call or the event selected in "Switch-on" |
| Switch-on | | Criteria for switching on the display again from Standby mode |
| | Press button + display update | Display switches on after pressing the button or changing the display content, e.g. playback of next track |
| | Press button | Display switches on after pressing the button or turning the rotary button |
| Scroll mode | | Display of texts that are longer than one line |
| | Continuous | Text is being fed through continuously |
| | Once | Text is fed through once, then the first part of the text is permanently displayed |
| | Off | First part of text is permanently displayed |
| Browsing | | Standard or extended browsing options |
| | Standard | Access to Blaupunkt directories only \ CD01 ... CD06. |
| | Extended | Access to any directories (only possible with OLED display!). |

| Settings [Config display] | Function |
|--|---|
| ID3 Config | Display of data from MP3 files (ID3 tags) |
| Display | Selection of display form |
| 1 line | The data selected in "Info 1" are displayed on one line (display height).. |
| 2 lines | The data selected in "Info 1" / "Info 2" are displayed on the top and bottom line (half display height each). |
| Info 1 | Selection of data displayed on line 1 |
| Track | track data from ID3 tags |
| Album | Album data from ID3 tags |
| Artist | Artist data from ID3 tags |
| File name | File name |
| Directory or playlist name | Name of current directory or current playlist |
| Info 2 | |
| Track | Track data from ID3 tags |
| Album | Album data from ID3 tags |
| Artist | Artist data from ID3 tags |
| File name | File name |
| Directory or playlist name | Name of current directory or current playlist |

| Settings | Function | | |
|--|---|---|--|
| Info | Display of technical data | | |
| <table border="1"> <tr> <td data-bbox="96 251 132 317"></td> <td data-bbox="132 251 422 317">BT USB IF</td> </tr> </table> | | BT USB IF | The displayed technical data of the Bluetooth USB interface correspond to the data listed in "id.txt" |
| | BT USB IF | | |
| <table border="1"> <tr> <td data-bbox="96 324 132 557"></td> <td data-bbox="132 324 422 557"> Bluetooth USB interface 7 607 545 550 001 BT-ID: <0-19-61-xx-yy-zz> HW ver: 1 SW ver: 8C01VW P.Date 7113 P.Code: CN Config: [CDC_...] [CFG_PB_...] ... </td> </tr> </table> | | Bluetooth USB interface 7 607 545 550 001 BT-ID: <0-19-61-xx-yy-zz> HW ver: 1 SW ver: 8C01VW P.Date 7113 P.Code: CN Config: [CDC_...] [CFG_PB_...] ... | Product name of the interface Blaupunkt product no Bluetooth address (serial number of the interface) Hardware version, here "1" Software version, here "8C01VW" Production date and code (coded) Configurations defined in the interface Details see below |
| | Bluetooth USB interface 7 607 545 550 001 BT-ID: <0-19-61-xx-yy-zz> HW ver: 1 SW ver: 8C01VW P.Date 7113 P.Code: CN Config: [CDC_...] [CFG_PB_...] ... | | |
| <table border="1"> <tr> <td data-bbox="96 564 132 615"></td> <td data-bbox="132 564 422 615">Display module</td> </tr> </table> | | Display module | technical data of the OLED display module |
| | Display module | | |
| <table border="1"> <tr> <td data-bbox="96 623 132 742"></td> <td data-bbox="132 623 422 742"> Blaupunkt display 7 607 548 500 001 SW ver: 02.05 HW ver: 0E.00 </td> </tr> </table> | | Blaupunkt display 7 607 548 500 001 SW ver: 02.05 HW ver: 0E.00 | Product name of OLED display Blaupunkt product number Software version, here "02.05" Hardware version, here "0E.00" |
| | Blaupunkt display 7 607 548 500 001 SW ver: 02.05 HW ver: 0E.00 | | |

| Settings [Config display] | | Function |
|--|--------------------------------------|--|
| Radio Config. | | Setting of the interface to the radio, no change for the OLED display use. Please delete existing config.txt files from the Blaupunkt directory of your USB stick or USB hard disk stick or USB hard disk. |
| | Standard | For all compatible VW radios, except for the following model. |
| | VW Gamma [RADIO_TYP_GAMMA] | Activate this setting if you are operating the interface with a VW Gamma radio. |
| | | |
| Startup | | Basic settings |
| | Mic. Test | This allows you to check the installation of your interface. |
| | On | Switches the hands-free microphone to the loudspeaker |
| | Mic. Test (flashes) | Microphone test is active. End with red phone button. |
| | Mic. amplification | Adjusting the microphone volume. The effect of this setting is reduced by the automatic echo compensation during hand-free calling |
| | Standard value | Factory settingg |
| | Mic. 2 ... 14 | Softer (2) or louder (14) than standard value |
| | Factory setting | Resetting of all settings to factory setting |
| | Sure ? | Confirmation dialogue Yes = press the rotary button No = cancel = red phone button |
| | Language | Selection of the language for the operating menu |
| | English | |
| | German | |
| | French | |

Software update

You can update the software of the interface yourself to render the interface compatible with newer cell phones.

Note:

When you update the software, it is possible that these operating instructions are no longer up-to-date. Please download a current version of the instructions from www.blaupunkt.de.

The following are required to update the software:

- USB data carrier (e.g. USB stick) with FAT16 or FAT32 formatting and at least 4 MB free memory capacity
- Computer with Internet access
- ZIP software

Updating

- On the USB device, create the "Blaupunkt" directory at the top level. Example: "W:\Blaupunkt"
- Load the software of the Bluetooth/USB interface from www.blaupunkt.de and store it in a directory of your computer.
- Unzip the ZIP file and copy the unzipped files to the Blaupunkt directory on the USB device.
- Deactivate the USB device at the computer.
- Connect the USB device with the USB cable of the interface.
- Turn on the car sound system.
- Press and hold the PTT button or the green phone button while switching the car sound system off and on again.
- Release the PTT button or the green phone button.

The loading process starts.

- Select CD Changer (CDC) at the car sound system as the audio source.

The display shows the progress of the load process. At the same time, the title numbers "1" through "5" are shown in ascending order and the current time for every title number. After the load process has completed, the display shows the track number "99" and the time "59:59".

Notes:

- If the progress indicator stops before the end of the loading process, disconnect the USB data carrier and reconnect it to the USB cable of the interface. If this is not successful, repeat the update process.
 - If the time "00:00" is displayed at the end of the loading process, an error occurred. In this case, repeat the update process.
- Switch the car sound system off and on again.

The new software is now activated.

Reading out technical data

During the update, two files with information about the interface and the update process are created in the "Blaupunkt" directory of the USB data carrier. Both files can be opened and read on a computer using a plain text editor:

- The **"id.txt"** file contains information about the status of the interface, e.g. the current hardware and software version as well as the Bluetooth ID of the interface.
- The **"setup.log"** file contains information about the process of the update, e.g. the message about a successful installation or any errors that occurred.

| id.txt: | Display of technical data |
|---|---|
| Bluetooth USB Interface 7 607 545 550 001 BT-ID: <0-19-61-xx-yy-zz> HW ver: 1 SW ver: 8C01VW P.Date 7113 P.Code: CN Config:[CDC_...][CFG_PB_...] | Product name of the interface Blaupunkt product no Bluetooth address (serial number of the interface) Hardware version, here "1" Software version, here "8C01VW" Production date and code (coded) Configurations defined in the interface |

Changing the configuration (PTT)

This requires:

- PC with Internet connection
- Removable USB device with at least 4 MB memory (FAT16 or FAT32 formatting)
- ZIP software to unzip the configuration files

Loading a configuration file

The Bluetooth USB interface comes ex factory with a standard configuration that offers reliable operation in combination with as many radio models and Bluetooth devices as possible.

You can match various settings from the above tables to your personal preferences or technical requirements by loading a configuration file.

The following configuration is available:

Config_VW_universal.txt

In the download archive you will find the file "config_VW_universal.txt". This file includes all possible configuration settings. You can select your favorite configuration by activating (remove # in the first column) or deactivating (add # in the first column) the desired parameters.

For this, proceed as follows:

- Create a new "Blaupunkt" directory on the USB removable media drive.

- Copy the file "config_universal.txt" from the unpacked download archive into the Blaupunkt directory of your USB data medium.
- Rename the file in "config.txt".
- Open the "config.txt" file with a text editor, e.g. Windows Notepad.
- (De) activate the desired parameters. Remove/add # in the first column, see notes in the file.
- Store the file and close the editor.
- Deactivate the USB data medium on your PC.
- Carry out the operating steps on "Changing the configuration of your interface" described in the following.

Changing the configuration in your vehicle:

- Connect the USB device with the USB cable of the interface.
- Turn on your car sound system.
- After a few seconds (max. one minute), the interface recognises the file, analyses it and stores the modified configuration in the interface.
- Switch the car sound system off and on again.
- The new configuration is now activated.

If you have **any questions**, please take a look at the **FAQ** (Frequently Asked Questions) under

http://blaupunkt.com/de/infoservices_3.asp

or contact the **Blaupunkt Hotline**

+49 (180) 5000 225 (0.14 EUR/min from the German PSTN; for cell phone rates, please contact your provider)

Additional notes about the USB interface are located at:

www.blaupunkt.de

Subject to change!

FCC-Statements

All following FCC statements are valid for the Industry Canada Standard (IC) as well.

1. General

Interference Warning: (according to FCC part 15.19)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

Caution: (pertaining to FCC part 15.21)

Modifications not expressly approved by this company could void the user's authority to operate the equipment

2. Specific Part 15.105

Information to the user:

2.1 For Class A digital device

(A digital device that is marketed for use in a commercial, industrial or business environment, exclusive of a device which is marketed for use by the general public or is intended to be used in the home.)

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a resi-

dential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

RF Radiation Exposure

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Service numbers, Service-Nummern

| Country: | | Phone: | Fax: |
|----------------------------|-------|-----------------|------------------|
| Germany | (D) | 0180-5000225 | 05121-49 4002 |
| Austria | (A) | 01-610 39 0 | 01-610 393 91 |
| Denmark | (DK) | 44 898 360 | 44-898 644 |
| Finland | (FIN) | 09-435 991 | 09-435 99236 |
| Great Britain | (GB) | 01-89583 8880 | 01-89583 8394 |
| Greece | (GR) | 210 94 27 337 | 210 94 12 711 |
| Ireland | (IRL) | 01-46 66 700 | 01-46 66 706 |
| Italy | (I) | 02-369 62331 | 02-369 6464 |
| Luxembourg | (L) | 40 4078 | 40 2085 |
| Norway | (N) | +47 64 87 89 60 | +47 64 87 89 02 |
| Portugal | (P) | 2185 00144 | 2185 00165 |
| Spain | (E) | 902 52 77 70 | 91 410 4078 |
| Sweden | (S) | 08-750 18 50 | 08-750 18 10 |
| Switzerland | (CH) | 01-8471644 | 01-8471650 |
| Czech Rep. | (CZ) | 02-6130 0446 | 02-6130 0514 |
| Hungary | (H) | 76 889 704 | - |
| Poland | (PL) | 0800-118922 | 022-8771260 |
| Turkey | (TR) | 0212-335 07 23 | 0212-3460040 |
| USA | (USA) | 800-950-2528 | 708-6817188 |
| Brasil (Mercosur) | (BR) | 0800 7045446 | +55-19 3745 2773 |
| Malaysia (Asia Pacific) | (MAL) | +604-6382 474 | +604-6413 640 |

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