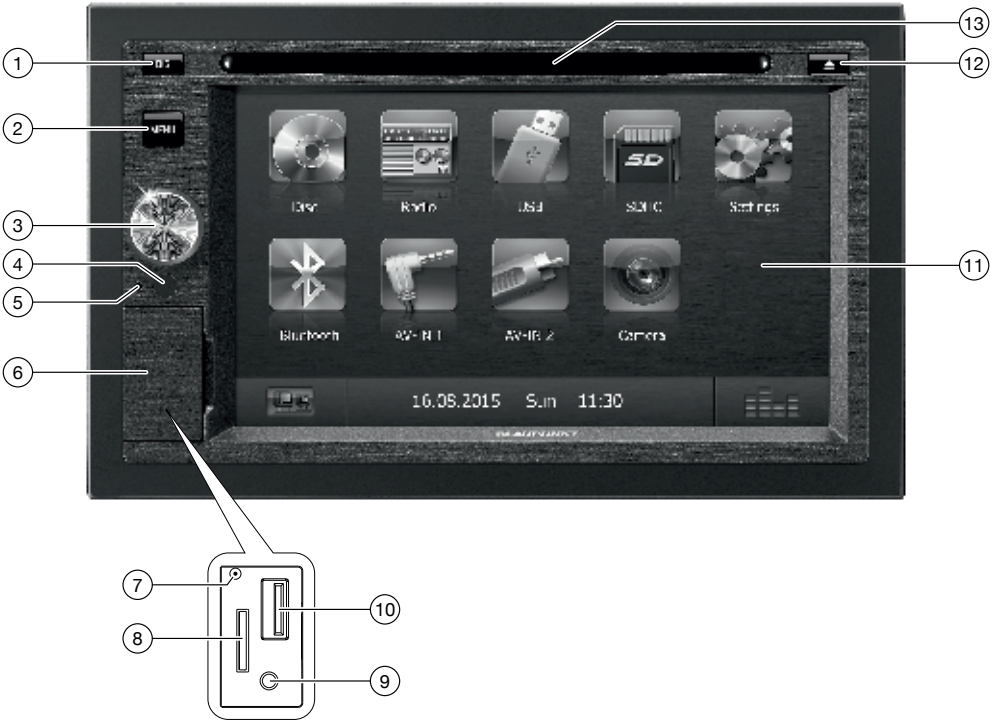
BLAUPUNKT

CAR MULTIMEDIA
SERIES 640

Enjoy it.

Operating instructions



① **DIS** button
Short press: Adjust the display brightness
Long press: Switch off the display

With inserted microSD card with navigation data:
Short press: Start the navigation
In navigation mode: Call up menu of active source
Long press: Switch off the display

② **MENU** button
Short press: Call up main menu
In the main menu: Call up menu of active source
Long press: Call up Bluetooth® function directly

③ Rotary/pushbutton
Short press: Switch on device
In operation: Mute audio source
Long press: Switch off device
Turn: Adjust volume

④ Infrared receiver for remote control

⑤ Microphone

⑥ Cover

⑦ Reset button
Access only with open cover
Restoring the original factory settings of the device.
Caution! All personal settings will be lost!

⑧ microSD card reader
Access only with open cover
The card reader supports microSD cards on which either audio/video files or navigation data can be stored.

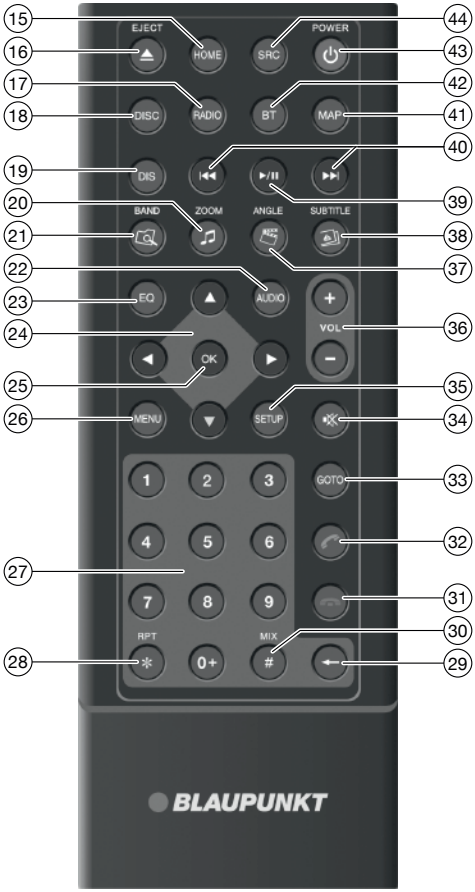
⑨ Front AV-IN socket (source AV-IN 1)
Access only with open cover

⑩ USB socket
Access only with open cover

⑪ Touchscreen user interface

⑫ ⏏ button (Eject)
Eject a DVD/CD

⑬ DVD/CD drive



(15) **HOME** button
Call up main menu
In the main menu: Call up menu of active source

(16) ⏏ / **EJECT** button
Eject a DVD/CD

(17) **RADIO** button
Start radio mode

(18) **DISC** button
Starting DVD/CD mode

(19) **DIS** button
Short press: Adjust the display brightness
Long press: Switch off the display

(20) ♫ / **ZOOM** button
Call up overview of audio files
Zoom in on image area

(21) / **BAND** button
Call up folder overview
Select waveband/memory bank

(22) **AUDIO** button
Select playback language (if available on DVD)

(23) **EQ** button
Call up equaliser menu

(24) ◄ / ► / ▲ / ▼ button
Navigate in menus/lists
Tuning into stations manually (▲ / ▼)
Calling stored stations (◄ / ►)

(25) **OK** button
Confirm selection

(26) **MENU** button
Call up DVD menu
Display the folder/file list

(27) Number buttons **0 - 9**

(28) ✻ / **RPT** button
Repeat function

(29) ← button
Delete last character of an entry

(30) # / **MIX** button
Random track play

(31) ☎ button
Ending/rejecting a phone call

(32) ☎ button
Answer a call

(33) **GOTO** button
Directly select title, chapter, movie or playtime

(34) button
Mute audio source

(35) **SETUP** button
Call up settings menu

(36) **VOL + / –** button
Adjusting the volume

(37) / **ANGLE** button
Call up overview of movies
Select camera viewing angle (if available on DVD)

(38) / **SUBTITLE** button
Call up overview of images
Select subtitle language (if available on DVD)

(39) ►/II button
Start and interrupt playback

(40) ⏮ / ⏭ button
Select title, chapter, movie
Fast searching

(41) **MAP** button
Starting the navigation

(42) **BT** button
Starting Bluetooth mode

(43) ⏻ / **POWER** button
Switching device on/off

(44) **SRC** button
Select source

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Safety notes

The car sound system was manufactured according to the state of the art and established safety guidelines. Even so, dangers may occur if you do not observe the safety notes in these instructions.

These instructions are intended to familiarise you with the most important functions. Detailed information can be found on the Internet under www.blaupunkt.com.

- 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.

In addition, observe the instructions of the devices used in conjunction with this car sound system.

Symbols used

These instructions employ the following symbols:

DANGER!

Warns about injuries

CAUTION!

Warns about damages to the DVD/CD drive

DANGER!

Warns about high volume

The CE mark confirms the compliance with EU directives.

☛ Identifies a sequencing step

- Identifies a listing

Road safety

Observe the following notes about road safety:

- **Use your device in such a way that you can always safely control your vehicle.** In case of doubt, stop at a suitable location and operate your device while the vehicle is standing. As the driver, you may not use the applications that will distract you from traffic (depending on the scope of functions of the device, e.g. viewing videos, entering a destination).
- **Follow the driving recommendations during the route guidance only if you are not violating any traffic regulations!** Traffic signs and traffic regulations have always priority over driving recommendations.
- **Always listen at a moderate volume** to protect your hearing and to be able to hear acoustic warning signals (e.g. police sirens). During mute phases (e.g. 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 note 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.

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 output limits of the device. 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 connection diagram at the end of these instructions.

Declaration of conformity

The Blaupunkt Technology GmbH declares that the device 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.blaupunkt.com.

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.

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, the remote control and exhausted batteries.

Scope of delivery

The scope of delivery includes:

- Car sound system
- Remote control (incl. battery)
- TMC tuner (only for devices with Europe navigation)
- microSD card with navigation data in the microSD card slot (only for devices with navigation)
- GPS antenna
- External Bluetooth microphone
- Getting started
- Support frame
- Small parts set
- Installation material
- Connecting cable

Placing the device in operation

Caution!

Transport securing screws

Ensure that the transport securing screws at the top side of the device are removed before the startup of the device.

Switching on/off

Switching on/off with the rotary/pushbutton

☛ For switch-on, press the rotary/pushbutton ③.

☛ For switch-off, hold the rotary/pushbutton ③ pressed for more than 2 seconds.

Switching on/off via vehicle ignition

If the car sound system is connected with the vehicle ignition and it was switched off with the rotary/pushbutton ③, it is switched on or off with the ignition.

Volume

Adjusting the volume

You can adjust the volume in steps from 0 (off) to 50 (maximum).

☛ Turn the rotary/pushbutton ③ to change the volume.

Muting the car sound system (Mute)

☛ Briefly press the rotary/pushbutton ③ to mute the device or to reactivate the previous volume.

Main menu

In the main menu, you press the buttons on the touchscreen to call up the different sources and operating modes.

☛ Press the **MENU** button ②.

- Or -

☛ In the current source, press the **[⌂]** button.

The main menu is displayed.

As long as you do not select a new audio source, the last active audio source is played back.

Note:

The figures used in these instructions are intended to facilitate the explanations and details may deviate from your device.

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 (FM/AM)". If you operate the car sound system outside of Europe, e.g. in the US or Asia, you may first have to set a suitable reception area in the menu:

☛ In the main menu, press the **[Settings]** button.

The Settings menu is displayed.

☛ In the bottom area of the Settings menu, press the **[General]** button.

The current setting is displayed behind "Radio region".

☛ Tap twice (double-click) on the **[Radio region]** button to display the list of available reception areas.

☛ Select the desired reception area by double-clicking.

The list is hidden, the selected reception area is set.

☛ Press the **[⌂]** button.

The main menu is displayed again.

Radio mode

Start radio mode

☛ In the main menu, press the **[Radio]** button.

The radio playback menu is displayed.

Select memory bank

Different memory banks and wavebands are available. Up to 6 stations can be stored in each memory bank.

☛ Press the **[ ]** button repeatedly until the desired memory bank is displayed.

FM1 → FM2 → FM3 → AM1 → AM2 → FM1

Tuning into a station

Tuning into stations manually

☛ Briefly press the **[|◀◀]** or **[▶▶|]** button once or several times to change the frequency in increments.

Enter broadcast frequency directly

If the frequency of the desired stations is known, it can be entered directly via the touchscreen.

☛ Press the **[••••]** button to display additional operating options.

☛ Press the **[ ]** button.

A numeric keypad is displayed for the frequency input.

☛ Enter the frequency of the desired station with the numeric keypad.

☛ Press the **[OK]** button.

The radio playback menu is displayed, the station of the frequency entered is played back.

Starting station seek tuning

☛ Press the **[|◀◀]** or **[▶▶|]** button for approx. 2 seconds to start station seek tuning.

The radio tunes into the next receivable station.

Note:

For the reception area Europe: In the FM waveband, only traffic information stations are tuned into if the priority for traffic information is switched on.

Storing stations manually

☛ Select the desired memory bank with the **[ ]** button.

☛ Set the desired station.

☛ Press one of the memory buttons **[P1] - [P6]** for approx. 2 seconds to store the current station at the button.

The station is stored.

Storing stations automatically (Travelstore)

With Travelstore, you can automatically search for and store the 6 FM stations offering the strongest reception in the region in the current memory bank. Any previously stored stations in this memory bank are deleted in the process.

☛ Select a memory bank.

☛ Press the **[••••]** button to display additional operating options.

☛ Press the **[TS]** button.

The tuner starts the automatic station seek tuning. After the storing is completed, the radio plays the station at memory location 1 of the previously selected memory bank.

Note:

For the reception area Europe: With switched-on priority for traffic information, only traffic information stations are stored.

Scanning stations

You can use the scan function to play all the receivable stations of the current waveband for a few seconds.

☛ Press the **[ ]** button.

The seek tuning searches for stations in the current waveband. Each receivable station is played for a few seconds in the process.

☛ Pressing the **[ ]** button again selects the currently scanned station and plays it back.

Switching RDS on/off

Many FM stations broadcast an RDS (Radio Data System) signal in addition to their programme in the reception area Europe that allows additional functions, such as the display of the station name.

☛ Press the **[••••]** button to display additional operating options.

☛ Press the **[RDS]** button to switch the RDS function on or off.

If the RDS function is switched on, **RDS** is displayed in white.

☛ Press the **[∨]** button to hide the additional operating options, or wait until they are automatically hidden.

Switching the REG function (regional programmes) on/off

Some RDS stations divide their programmes into regional programmes with different contents at certain times. If the REG function is activated, the car sound system changes only to those alternate frequencies of the set station on which the same regional programme is being broadcast.

☛ Press the **[REG]** button to switch the REG function on or off.

The **REG** button is illuminated if the REG function is switched on.

Switching the AF (alternative frequencies) function on/off

If the AF function is activated, the car sound system automatically tunes into the best receivable frequency for the station that is currently set.

☛ Press the **[AF]** button to switch the AF function on or off.

The **AF** button is illuminated if the AF function is switched on.

Adjusting the seek tuning sensitivity

The seek tuning sensitivity decides whether the automatic station seek tuning finds only strong stations or also weaker stations that may be noisy.

☛ Press the **[LO]** or **[DX]** button to adjust the sensitivity of station seek tuning.

If **LO** is displayed, only stations with a strong signal are found during seek tuning.

If **DX** is displayed, stations with a strong and weak signal are found during seek tuning.

Selecting the programme type and starting seek tuning

You can select a programme type with the PTY function to purposefully search for stations, for example, that broadcast rock music or sport events.

☛ Press the **[••••]** button to display additional operating options.

☛ Press the **[PTY]** button to display the programme types.

☛ Scroll through the list with **[▼]** / **[▲]** and tap on the desired programme type to select it.

☛ Press the **[PTY]** button to start PTY seek tuning.

If a station broadcasts a programme with the selected programme type, this station is played back.

Switching priority for traffic announcements on/off

In the reception region Europe, an FM station can identify traffic announcements via 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.

☛ Press the **[TA]** button to switch the priority for traffic announcements on or off.

The **TA** button is illuminated if the priority for traffic announcements is switched on.

Navigation (only for devices with navigation)

Loading navigation data

The navigation software and map data are located on a microSD card. For devices with navigation, the device is delivered with the microSD card in the microSD card slot. To be able to use the navigation, the microSD card must be inserted in the card slot.

Important note:

The card reader supports microSD cards on which either audio/video files or navigation data can be stored. The microSD card for the navigation may not contain any other files besides the navigation data.

☛ Open the cover (6) underneath the rotary/pushbutton.

☛ Insert the microSD card with its labelled side to the left (flattened corner to the top) and its contacts first into the card slot (8) until it clicks into place.

Download of map data

To ensure that you have the latest version of the map data when you purchase the device, you have 30 days from the first GPS positioning to download the latest version of the map data once and free of charge to the standard microSD card from the Internet at www.naviextras.com.

You can always purchase map material from this site at a later time.

Important note:

If the microSD card is lost or damaged, the navigation map license associated with the card will be lost. In this case, the license must be purchased anew with a new microSD card.

Starting the navigation

- In the main menu, press **[Navigation]** to start the navigation mode.

  The navigation menu is displayed. If you start the navigation for the first time, the setup wizard is displayed.

Initial startup

If you start the navigation for the first time, a setup wizard appears which performs the basic settings for the navigation.

- Adjust the language for the navigation. This can be a different language from the other functions of the device .
- Confirm the selection with [✓].

  The end-user license agreement is displayed.
- Read the end-user license agreement. If you agree with the terms and conditions, press [✓].

  The configuration wizard starts.
- Press [✓] to continue.
- Select a voice for the voice output of the navigation. Various voices are available for the languages.
- Confirm the selection with [✓].
- Specify the time format and the units for the navigation. Next, press [✓].

  On the next screen, you can perform your preferred route settings.
- If necessary, change the entries by pressing the displayed menu entries.
- Press [✓], after you adjusted the settings.
- Touch [✓], to finish the configuration.

  The navigation menu is displayed.

Entering a destination

Destinations can be entered in different ways: Via the address or as point of interest from the database of points of interest. Points of interest can be sights, museums, stadiums, petrol stations.

Address

- Open the navigation menu.
- Press on **[Find]**.

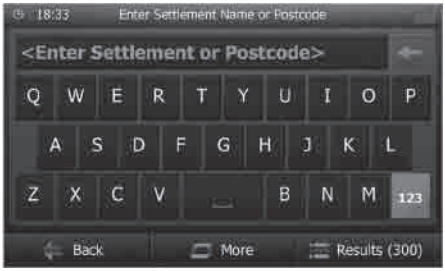
  The menu for the destination entry is displayed.

- Press **[Find Address]**.

  The menu for the address entry is displayed.

- Enter the country, city and street in succession as well as the intersection or house number. To do so, press the corresponding entry in the address entry menu.

  A menu for text entry is displayed.



- Enter the desired destination via the keyboard.

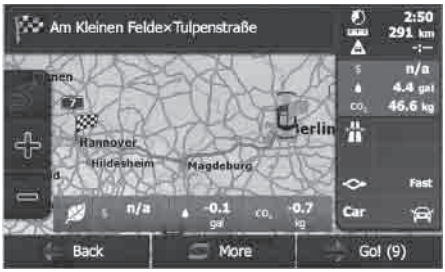
  With every character entered, the entry in the input line is automatically completed.
- If the name of the desired destination is displayed in the address line, press the [✓] button.

The selected destination is displayed on the map.

☛ Press **[Next]** to start the route guidance.

The calculation of the route starts. Depending on the distance between start and destination, the route calculation may take some time.

After the route calculation is complete, the parameters of the route, such as distance and time, are displayed. In addition, the entire route is displayed on the map.



☛ Press **[Go!]** to start the route guidance.

Points of Interest

☛ Open the navigation menu.

☛ Press on **[Find]**.

The menu for the destination entry is displayed.

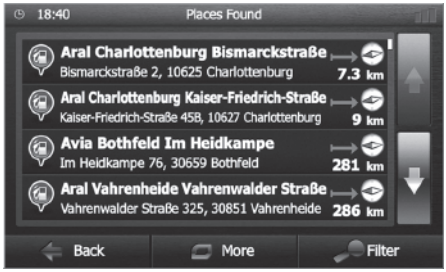
☛ Press **[Find Places]**.

The point of interest menu is displayed.

☛ You can select a point of interest from one of the four predefined categories **Petrol Station**, **Parking**, **Restaurant** and **Accommodation** or start a separate search.

☛ For example, press on **[Petrol Station]** to quickly find a petrol stations.

A list of petrol stations in the vicinity of the vehicle is displayed. The petrol stations are sorted by distance to vehicle.



☛ Select a petrol station from the list by pressing on the list entry.

The petrol stations is displayed on the map.

☛ Press **[Next]**.

The route course and the route data are displayed.

☛ Press **[Go!]** to start the route guidance.

Setting route options

In the route options, the vehicle type, type of route (quick, short, dynamic) and additional parameters are defined which are required by the device to calculate the route according to your requirements.

You define the route options during the initial configuration of the navigation, but you can change them for any route guidance.

Adjusting route options before the route guidance

- Call up the navigation menu.
- Press [**More…**].

- Press [**Settings**].

  The settings menu for the navigation is displayed.

- Press on the [⬇] button to display the second page.
- Press [**Route Settings**].

  The route settings are displayed.

- Change the settings, if necessary.
- Press [**Back**] repeatedly until the navigation menu is displayed again.

Changing route options during route guidance

- During a route guidance, press the [**More**] button.

- Press [**Route Settings**].

  The route settings are displayed.
- Change the settings, if necessary.
- Press [**Back**].

  The route guidance is displayed again.

Map Settings

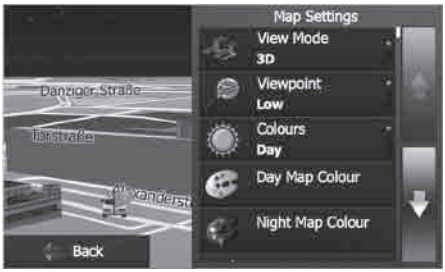
With the map settings, you can adjust the view mode (2D or 3D), the viewing angle of the map, the colours and the display of buildings and points of orientation on the map. In addition, you can specify for categories of points of interest whether they should be displayed on the map, e.g. car dealerships, cafés, restaurants.

- Call up the navigation menu.
- Press [**More…**].
- Press [**Settings**].

  The settings menu for the navigation is displayed.

- Press on the [⬇] button to display the second page.
- Press [**Map Settings**].

The map settings are displayed.



☛ Change the settings, if necessary.

☛ Press **[Back]** repeatedly until the navigation menu is displayed again.

Note:

You can also change the map settings during the route guidance:

☛ During a route guidance, press the **[More]** button.

☛ Press **[Map Settings]**.

The map settings are displayed.

☛ Change the settings, if necessary.

☛ Press **[Back]**.

The route guidance is displayed again.

DVD/CD/USB/microSDHC/iPod media playback

Basic information

The car sound system can be used to play audio DVDs/CDs (CDDA) and DVD/CD-R/RWs with audio or MP3 files as well as MP3 or WMA files on USB data carriers and microSDHC cards.

In addition, you can view movies and images from DVDs/VCDs/CDs, USB data carriers and microSDHC cards on the display or a connected monitor.

For safety reasons, the playback of movies and images on the integrated monitor is allowed only while the vehicle is standing and the hand brake is applied. The "BRAKE" cable must be connected with the hand brake connection of the vehicle (see Connection diagram at the end of these instructions). The movie playback on an external monitor is also possible while driving.

Notes:

- To ensure proper functioning, use only CDs with the Compact-Disc logo and DVDs with the DVD logo.
- Blaupunkt cannot guarantee the flawless function of copy-protected DVDs/CDs and all DVD/CD blanks, USB data carriers and microSD cards available on the market.

Note the following information when preparing an MP3/WMA data carrier:

- Naming of tracks and directories: Max. 32 characters without the file extension ".mp3" or ".wma" (the use of more characters reduces the number of tracks and folders that the car sound system can recognise)
- DVD/CD formats: DVD/CD-R/RW, Ø: 12 cm
- DVD/CD data formats: ISO 9669 Level 1 and 2, Joliet
- CD burn speed: Max. 16x (recommended)
- USB format/file system: mass storage device / FAT/FAT16/FAT32
- microSD card file system: FAT/FAT16/FAT32
- File extension of audio files:
  - .MP3 for MP3 files
  - .WMA for WMA files
- WMA files only without Digital Rights Management (DRM) and created with Windows Media® Player version 8 or later
- MP3 ID3 tags: Version 1 and 2
- Bit rate for creating audio files:
  - MP3: 32 to 320 kbps
  - WMA: 32 to 192 kbps
- Maximum number of files and directories:
  - USB medium: Up to 10,000 entries
  - microSD cards: Up to 10,000 files.

DVD/CD mode

Inserting a DVD/CD

Risk of severe damage to the DVD/CD drive!

Noncircular contoured DVDs/CDs and DVDs/CDs with a diameter of 8 cm (mini DVDs/CDs) must not be used.

We accept no responsibility for any damage to the drive that may occur as a result of the use of unsuitable DVDs/CDs.

☛ Insert the DVD/CD with its printed side up into the DVD/CD tray (13) until you feel a slight resistance.

The drive automatically draws in the DVD/CD and checks its data. Afterwards, the playback starts in DVD/CD or MP3 mode.

Note:

You must not hinder or assist the drive as it automatically draws in the DVD/CD.

Ejecting a DVD/CD

☛ Press the ⏏ button (12) to eject an inserted DVD/CD.

Note:

You must not hinder or assist the drive as it ejects the DVD/CD.

USB data carrier

This device features a USB port under the cover at the front of the device.

Connecting a USB data carrier

- Open the cover (6) underneath the rotary/pushbutton.
- Insert the USB data carrier in the USB socket (10).

  The device automatically switches to USB mode. The data are read, the playback starts with the first media file recognized by the device.

Removing the USB data carrier

- Turn off the car sound system.
- Disconnect the USB data carrier.

microSDHC cards

This device features an microSDHC card slot under the cover at the front of the device.

Inserting the microSDHC card

- Open the cover (6) underneath the rotary/pushbutton.
- Insert the microSDHC card with its labelled side to the left (flattened corner to the top) and its contacts first into the card slot (8) until it clicks into place.

  The device automatically switches to microSDHC mode. The data are read, the playback starts with the first media file recognized by the device.

Removing the microSDHC card

- If necessary, open the cover (6).
- Push on the microSDHC card until it disengages.
- Pull the microSDHC card out of the card slot (8).

iPod/iPhone via USB

You can connect numerous iPod® and iPhone® models to the car sound system via the USB port and control the audio playback from the car sound system.

Note:

A list of compatible iPod® and iPhone® models is located at the end of these instructions. Blaupunkt cannot guarantee the flawless function of other iPod® and iPhone® models.

Use a suitable adapter cable to connect your iPod® or iPhone® with the USB port of the car sound system.

- Open the cover (6) underneath the rotary/pushbutton.
- Insert the USB plug of the adapter cable into the USB socket of the device.

  The device automatically switches to USB mode. The data are read, the playback starts with the first media file on the iPod®/iPhone® recognized by the device.

DVD movie playback

The car sound system can play video DVDs and VCDs. After inserting the DVD, the playback starts automatically. The DVD menu is displayed.

You can navigate in the DVD menu by touching the corresponding buttons in the DVD menu on the touchscreen.

After starting the movie via the menu of the DVD, the movie is displayed. The playback menu for DVDs is hidden.

- Briefly touch the touchscreen once to display the playback menu again.

  The playback menu is shown.

[ ] Pause playback, call up DVD menu.
[⏮] Select previous chapter.
[⏯] Interrupt playback and continue playback.
[⏭] Select next chapter.
[▦] Call up keypad for direct selection of titles, chapters or playing time.
[••••] Show additional operating options.

- Tap on [••••] to display additional operating options of the playback menu.

[⌄] Hide additional operating options.
[▟] Display equalizer.
[A-B] Define range for repeat function.
[⏭] Select playback language (only if supported by the DVD).
[💬] Show subtitles (only if supported by the DVD).
[⟲] Switch repeat function for title, chapter or area A-B on/off.
[☀] Adjust image.

Audio playback from DVD/CD, USB, microSDHC or iPod/iPhone

The principles of the audio playback (MP3/WMA) from data carriers or iPod®/iPhone® are identical for all sources.

☛ Select the desired source via the main menu.

The device changes to the desired source and the playback starts.

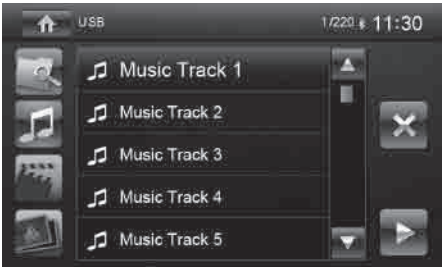
If the playback does not start with the audio playback,

☛ press the [ ] button to change to the folder/file list.

☛ Press the [ ] button to display all the folders and files of the data carrier (not in iPod®/iPhone® mode).

- Or -

☛ Press the [ ] button to display all the audio files of the data carrier.



[▲] Scroll through the list page by page.

[▼] Scroll through the list page by page.

[ ] Change to next higher folder level.

[▶] Open selected folder or start titles.

- Or -

Briefly tap twice (double-click) on the name of the folder/track. The folder is opened/the track is started.

[✕] Exit the folder/file list.

After starting a title, the playback menu is displayed.

[ ] Display the folder/file list.

[|◀◀] Short press: Title selection.
Long press: Fast searching.

[‖ / ▶] Interrupt playback and continue playback.

[▶▶|] Short press: Title selection.
Long press: Fast searching.

[••••] Show additional operating options.

☛ Tap on [••••] to display additional operating options of the playback menu.

[▼] Hide additional operating options.

[ ] Display keypad to directly enter the number of the desired title.

Audio playback from DVD/CD, USB or microSDHC:

[ ] Start and end REPEAT function.

The REPEAT mode changes each time the [ ] button is pressed.

Display	REPEAT mode
1	Repeat current track
	Repeat current folder
A	Repeat all tracks of data carrier
	Repeat title off

[ ] Start MIX random track play and end it again.

If the MIX function is switched on, the symbol is displayed in white.

The MIX mode depends on the selected REPEAT function.

REPEAT mode display	MIX mode
1	No random track play
	Mixing tracks of the current folder
A	Mixing tracks of the data carrier

Audio playback from iPod®/iPhone®:

[ ] Start and end REPEAT function.

The REPEAT mode changes each time the [ ] button is pressed.

Display	REPEAT mode
	Repeat current track
	Repeat current selection
	Repeat title off

[ ] Start MIX random track play and end it again.

The MIX mode changes each time the [ ] button is pressed.

Display	MIX mode
	Mixing tracks of the current selection
	Mixing tracks of the current album
	Random track playback off

Note:

The random track play of tracks depends on the iPod®/iPhone® model used.

[ ] Display equalizer.

Video playback from DVD/CD, USB or microSDHC

☛ Select the desired source via the main menu.

The device changes to the desired source and the playback starts.

If the playback does not start with the video playback,

☛ press the [ ] button to change to the folder/file list.

☛ Press the [ ] button to display all the folders and files of the data carrier.

- Or -

☛ Press the [ ] button to display all the video files of the data carrier.

Note:

Folders and videos are selected and started as described under audio playback.

If you selected a movie, the playback is started. During the movie playback, the playback menu is hidden.

☛ Briefly touch the touchscreen once to display the playback menu again.

The playback menu is shown.

[ ] Display the folder/file list.

[ ] Select previous movie.

[/] Interrupt playback and continue playback.

[ ] Select next movie.

[ ] Call up keypad for direct selection of movie or playing time.

[••••] Show additional operating options.

☛ Tap on [••••] to display additional operating options of the playback menu.

[ ] Hide additional operating options.

[ ] Display equalizer.

[ ] Switch repeat function for movie or folder on/off.

[ ] Adjust image.

[ ] Select playback language (only if supported by the movie).

[ ] Show subtitles (only if supported by the movie).

Note:

You can play back video files stored on an iPod®/ iPhone® with this device. For this purpose, the iPod®/ iPhone® must be connected with the device using a special cable (USB - AV) that is commercially available.

Image playback from DVD/CD, USB or audioSDHC

☛ Select the desired source via the main menu.

The device changes to the desired source and the playback starts.

If the playback does not start with the image playback,

☛ press the [ ] button to change to the folder/file list.

☛ Press the [ ] button to display all the folders and files of the data carrier.

- Or -

☛ Press the [ ] button to display all the images of the data carrier.

Note:

Folders and images are selected and started as described under audio playback.

Bluetooth mode

The Bluetooth® function allows registering cell phones and media playback devices with the car sound system.

When you register a cell phone with the car sound system, you can make phone calls with the built-in hands-free function. You can access the lists of dialled numbers and the phone book of the registered cell phone.

If the connected Bluetooth® device supports the functions A2DP and AVRCP, you can play the music via the car sound system and control the playback. During a call, the music playback is interrupted and continued again after the call.

If a cell phone is registered via Bluetooth® and a call is received during the playback of another source, the source playback is interrupted and the call menu is displayed.

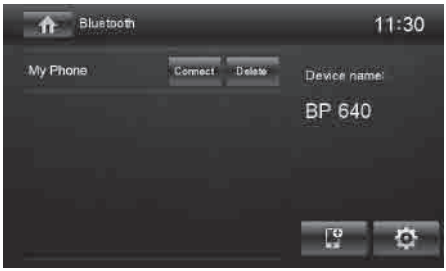
Starting Bluetooth mode

☛ In the main menu, press on **[Bluetooth]**.

- Or -

☛ Press the **MENU** button ② for approx. 2 seconds.

The Bluetooth® menu is displayed. It contains the list of known Bluetooth® devices. Other audio sources are switched off.



[ ] Add new Bluetooth® device.

[ ] Display options menu.

☛ Press the **[Connect]** button of the Bluetooth® device with which you want to establish a connection.

When the device is in range, the connection is established and the menu for the device is displayed.

☛ Press the **[Delete]** button if you want to delete the Bluetooth® device from the list.

Registering Bluetooth devices

If you want to register a device with the car sound system for the first time, proceed as follows:

☛ Ensure that Bluetooth® is activated at the car sound system and at your Bluetooth® device.

☛ In the options menu of the Bluetooth® mode, enter a pairing code (see Bluetooth® settings).

☛ Search for new devices/connections on your Bluetooth® device.

☛ The car sound system appears as "BP 640" in the list of Bluetooth® devices.

☛ Establish the connection; you may have to enter the pairing code that was previously entered on the car sound system.

The connection is being established and the menu for the registered device is displayed.

Note:

If a telephone is connected with the car sound system, the Bluetooth® icon ᛒ is displayed at the top right edge of the display in all audio/video sources.

Telephone mode

If you connected a phone with the car sound system via Bluetooth®, the following menu appears.

[ ] Display the phone menu.

[ ] Display the playback menu of Bluetooth® streaming.

[ ] Display the playback menu of app control.

[ ] Disconnect connection with current device.

[ ] Call up the phone book.

[ ] Call up caller lists.

[ ] Display options menu.

☛ Enter a phone number with the keypad and press the [ ] button.

- Or -

☛ Select a contact/number via the caller lists or phone book and press the **[Dial]** button in the pop-up window.

The connection is being established.

If a call is coming in, the call menu is displayed.

[ ] Reject a call.

[ ] Answer a call.

Audio playback via Bluetooth streaming

If an audio streaming device is connected with the car sound system via Bluetooth®, you can play back the music via the car sound system and control the playback.

☛ Press the [ ] button to change to the audio playback.

[ ] Display the phone menu.

[ ] Display the playback menu of Bluetooth® streaming.

[ ] Display the playback menu of app control.

[ ] Disconnect connection with current device.

[ ] Short press: Title selection.
Long press: Fast searching.

[ ] Interrupt playback and continue playback.

[ ] Short press: Title selection.
Long press: Fast searching.

[ ] Display equalizer.

Audio playback via app control (Android cell phone)

With the "Blaupunkt Android Player Multimedia Series" app, music files stored on an Android cell phone can be divided into certain categories with the help of ID3 tag information. This allows you to quickly and conveniently select and play back music tracks across different categories. For this purpose, the app must be installed on the Android cell phone. The "Blaupunkt Android Player Multimedia Series" app can be downloaded on the Internet from www.blaupunkt.com.

Note:

The audio playback via "Blaupunkt Android Player Multimedia Series" app is available only for Android cell phones with operating system Android 2.3 and higher. In addition, the cell phone must support the Bluetooth® profiles SPP (Serial Port Profile) and A2DP (Advanced Audio Distribution Profile).

☛ Press the [ ] button to change to the audio playback.

[ ] Display the phone menu.

[ ] Display the playback menu of Bluetooth® streaming.

[ ] Display the playback menu of app control.

[ ] Display category lists.

[ ] Short press: Title selection.
Long press: Fast searching.

[/] Interrupt playback and continue playback.

[ ] Short press: Title selection.
Long press: Fast searching.

[ ] Switch repeat function on/off.

[ ] Switch random playback on/off.

Bluetooth settings

In the options menu for Bluetooth®, you can make the basic settings for the Bluetooth® mode.

☛ Press the [ ] button.

The options menu is displayed.

Bluetooth – Bluetooth® can be switched on or off.

Auto connect – If "Auto Connect" is activated, the device automatically connects with known Bluetooth® devices as soon as they are in range.

Auto answer – If "Auto Answer" is activated, incoming phone calls are automatically answered.

Microphone – Select the microphone to be used for the hands-free system via Bluetooth®.

Pairing code – Many Bluetooth® devices request the pairing code before establishing the connection. You can define it here.

Phone book sync – To be able to access the phone book of a connected telephone, you must first synchronise it via this menu entry.

☛ Press [ ] to exit the options menu.

Pandora® mode (available only in the US, Australia and New Zealand)

Requirements

Control for Pandora® requires:

- An iPhone device or an Android device with a reliable data connection, or an iPod touch that is connected to wireless internet.
- The Pandora® app installed on the iPhone/iPod device or on the Android device.
- An active account with Pandora®. Sign up at www.pandora.com.
- The USB sync cable that came with your iPhone/iPod device.
- Using an Android device it is necessary to establish a connection to the car sound system via Bluetooth®.

Notes:

- Pandora® is available only in the US, Australia and New Zealand.
- Refer to www.pandora.com/everywhere/mobile for devices compatible with the Pandora® mobile application.
- Pandora® is an internet service, carrier and data charges may apply.
- Some Pandora® functionality cannot be operated from this car sound system.
- For issues using the Pandora® application, please contact Pandora at pandora-support@pandora.com
- Stations must be created in your account prior to connecting your iPhone/iPod or Android device to the car sound system.

Connecting the iPod/iPhone device

☛ Open the cover (6) underneath the rotary/pushbutton.

☛ Connect the iPhone/iPod device with the USB port (10) of the car sound system, using the USB sync cable included with your iPhone/iPod device.

Connecting the Android device

☛ Connect the Android device to the car sound system via Bluetooth®.

Starting the Pandora® mode

Note:

To use the Pandora® mode, first set "Pandora" in the general settings to "On". Then the Pandora source can be selected in the main menu.

☛ Launch the Pandora® application on your iPhone/ iPod or Android device.

☛ In the main menu, press the **[Pandora]** button to switch to the Pandora® mode.

Note:

If both an iPhone/iPod device and an Android device are connected to the car sound system, a selection screen appears to select one of the devices.

The playback menu is displayed.

[ ] Display station list.

[II / ▶] Interrupt playback and continue playback.

[▶▶I] Skip to the next track, subject to the skip limit.

[ ] Tell Pandora® you like the track currently playing, and Pandora® will play more tracks like it.

[ ] Tell Pandora® not to play this track. Pandora® will skip to the next track. If the skip limit has been reached, Pandora will continue to play but your feedback will be recorded.

[ ] Bookmark an artist.

[ ] Bookmark a track.

[ ] Shuffle songs from all of your stations.

Station list menu

The station list menu allows you to search for music by stations you created.

☛ In the playback menu, press the [ ] button.

The station list menu is displayed.

[ ] Scroll through the list page by page.

[ ] Scroll through the list page by page.

[✕] Exit the station list menu.

[ ] List the stations by date.

Tap on the name of the station to choose that station .

Pandora® Error Messages

Message Displayed	Cause	Corrective Action
BookMark Track Error	Software Error	The track could not be bookmarked, please try again in a moment.
BookMark Artist Error	Software Error	The song could not be bookmarked, please try again in a moment.
Thumbs Up / Down Error "Error Track Rating"	Software Error	Song feedback could not be sent, please try again in a moment.
No Active Station Error	Software Error	This account has no stations in it. Please visit Pandora.com and login to your account and add stations.
Skip Limit Reached	Software Error	Please note that Pandora® limits skips to a maximum of six skips per hour

External audio/video sources

AV inputs

This device features two external AV inputs for audio and video playback:

- AV-IN 1 is located under the cover at the front of the device.
- AV-IN 2 is implemented as a cinch socket on a cable at the rear of the device. You can specify the installation location of the port during the installation of the device.

Danger!

Increased risk of injury from connector.

In case of an accident, the protruding connector in the front AV-IN socket may cause injuries. The use of straight plugs or adapters leads to an increased risk of injury.

☛ Start the AV-IN mode with the button **[AV-IN 1]** or **[AV-IN 2]**.

The display shows the audio or video playback of the selected AV source.

Video input

This device features a video input at the rear of the device for connecting a camera that is available as an option. If a camera is connected, you can display the camera image.

☛ In the main menu, press the **[Camera]** button.

External monitor

This device features an output for connecting an external monitor for the rear area of the vehicle (see Connection diagram at the end of these instructions).

☛ Select the desired source via the main menu and start the film playback, e.g. from a DVD.

The film is displayed on the monitor of the device.

☛ Call up the main menu.

☛ Press the [ ] button.

The film is also displayed on the external monitor.

Sound settings

Volume distribution (fader/balance)

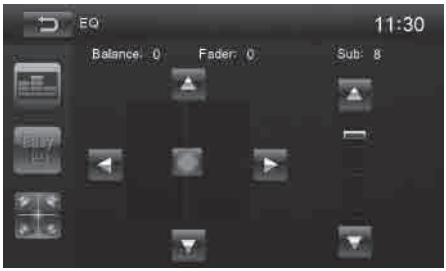
You can adjust the volume distribution in the vehicle for all sources.

☛ In the main menu or on the control bar of the current audio source, press the [ ] button.

The equalizer menu is displayed.

☛ Press the [ ] button.

The menu for fader and balance is displayed.



☛ Adjust fader and balance with **[▼]** / **[▲]** or **[◀]** / **[▶]**.

☛ Next, press [ ].

The setting is stored, the current source is displayed again.

Equalizer

You can adjust the equalizer for all sources.

☛ In the main menu or on the control bar of the current audio source, press the [ ] button.

The equalizer menu is displayed.

☛ Select a preset equalizer via the buttons.

- Or -

☛ Press the **[User]** button to adjust the level of the available frequency bands according to your preferences.

Note:

With the **[Reset]** button, you can reset the customised setting again.

- Or -

☛ Press the **[Flat]** button for a linear sound playback.

☛ Press the **[Loudness]** button to switch increasing the bass at low volume on or off.

☛ Next, press [⮌].

The setting is stored, the current source is displayed again.

Note:

In addition, you have the option to adjust the equalizer by using only three frequency bands. In the equalizer menu, press the **[Easy EQ]** button and make the setting as described before.

Basic settings

In the settings menu, you can adjust the basic settings for the different functions of the device to your requirements.

☛ In the main menu, press the **[Settings]** button.

The settings menu is displayed, the **General** submenu is activated.

☛ Call up the submenus with the buttons in the lower area of the settings menu.

General

The following settings are possible:

Radio region – Select the reception region for the radio reception.

FM HICUT – Switches the Hicut filter for improving playback on/off.

Blackout – If this value is set, the display of the radio is completely switched off after 10 or 20 sec. without use.

Dimmer mode – Adjust the display brightness

OFF timer – Setting the switch-off time. To protect the vehicle battery, the device is automatically switched off after the set time period if the vehicle ignition is switched off.

Beep – Switch confirmation beep on/off

TFT calibration – The touchscreen can be calibrated here.

SWC – The buttons of a connected steering wheel control can be configured here.

Rear AV-IN mode – If you connect a back-up camera with audio signal to the AV-input at the rear of the device, you can play the camera tone via the loudspeakers of the car sound system. To do so, enable "Camera mode".

Pandora – Pandora® can be switched on or off here (Pandora® is available only in the US, Australia and New Zealand).

Software version – Display of the current software version.

Load factory settings – Resets all personalised settings.

Video

The following settings are possible:

Set password – Define a password if you want to use the parental controls.

Rating level – The rating of DVDs can be defined here. If set to "Adult", all movies can be played back. If a password was configured, the rating level can be changed only with the password

Sound

The following settings are possible:

Subwoofer – Switch subwoofer on/off

Subwoofer filter – Make the setting according to the subwoofer used (settings: 80/120/160 Hz).

Dynamic sound – Switch dynamic bass on/off

Time

The following settings are possible:

Date – Set the date

Clock mode – Selection between 12 and 24-h mode

Time – Set the time

Auto clock – Switch automatic clock setting on or off with the time data transmitted via RDS.

Language

The following settings are possible:

OSD – Language for the user interface of the device.

DVD audio – The audio playback of DVDs is started in the language defined here.

DVD subtitle – The subtitles of DVDs are shown in the language defined here.

DVD menu – The DVD menu is displayed in the language defined here.

Bluetooth

The following settings are possible:

Bluetooth – Bluetooth® can be switched on or off.

Auto connect – If "Auto Connect" is activated, the device automatically connects with known Bluetooth® devices as soon as they are in range.

Auto answer – Phone calls from connected telephones are automatically answered if this option is enabled.

Pairing code – Many Bluetooth® devices request the pairing code before establishing the connection. You can define it here.

Microphone – Select the microphone to be used for the hands-free system via Bluetooth®.

Volume

You can adjust the volume ratio for all audio sources in the volume menu.

Useful information

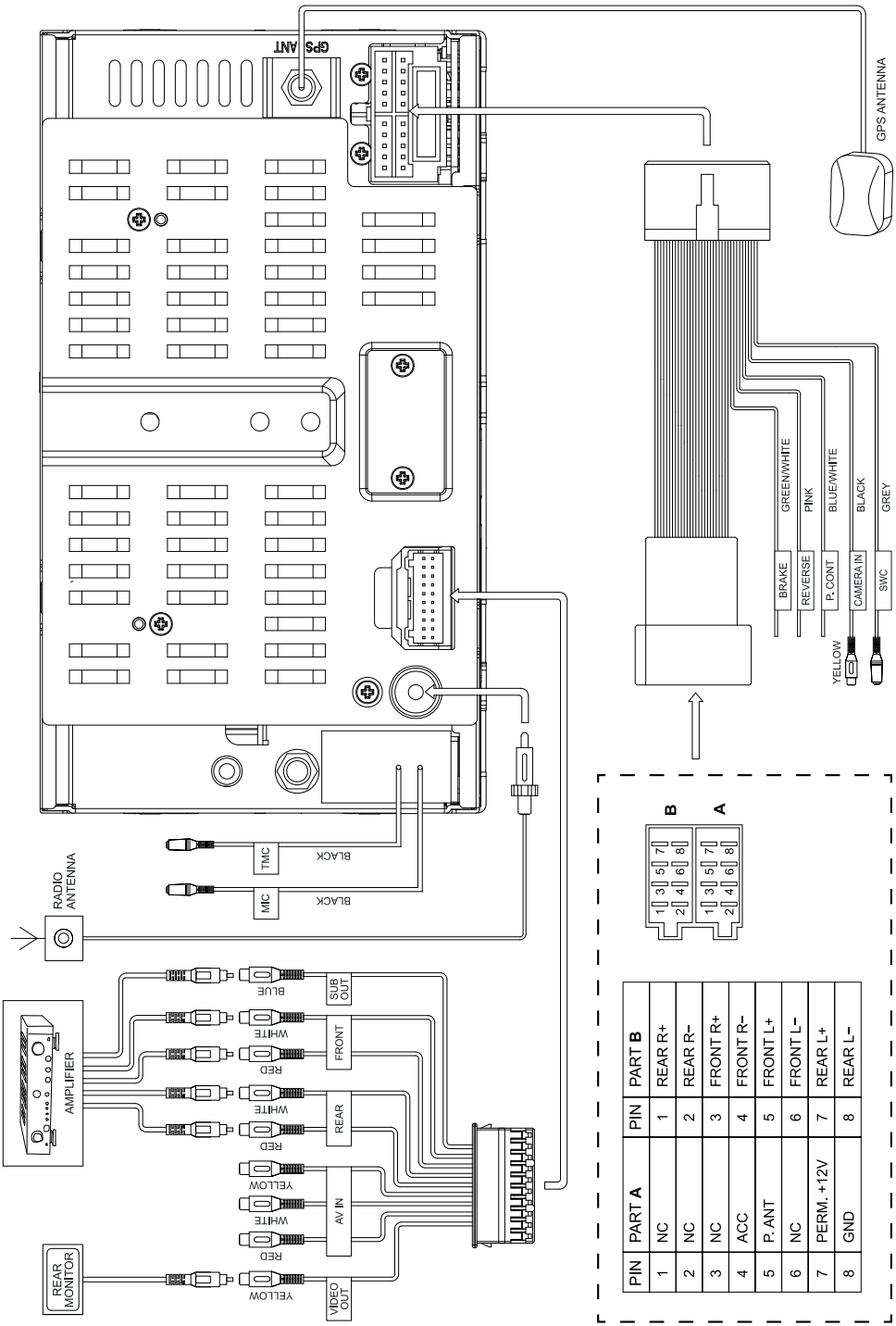
Warranty

We provide a manufacturer's warranty for products bought within the European Union. For devices purchased outside the European Union, the warranty terms issued by our respective responsible domestic agency are valid. The warranty terms can be called up from www.blaupunkt.com.

Service

If you ever need to use a repair service, you will find information about service partners in your country under www.blaupunkt.com.

Subject to technical changes!



PIN	PART A	PIN	PART B
1	NC	1	REAR R+
2	NC	2	REAR R–
3	NC	3	FRONT R+
4	ACC	4	FRONT R–
5	P. ANT	5	FRONT L+
6	NC	6	FRONT L–
7	PERM. +12V	7	REAR L+
8	GND	8	REAR L–

Supported iPod/iPhone devices

Our product can support below listed iPod/iPhone generations:

- iPhone 6 Plus
- iPhone 6
- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4s
- iPhone 4
- iPod touch (5th generation)
- iPod nano (7th generation)

"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.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPod, iPhone may affect wireless performance.

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Android is a trademark of Google Inc.

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FCC Statement

1. 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.
(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

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

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06/15