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

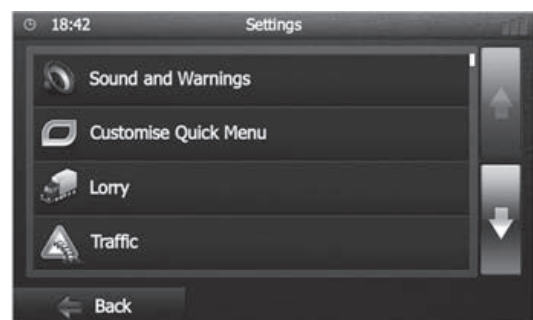☛ During a route guidance, press the **[More]** button.

☛ Press **[Route Settings]**.

The route settings are displayed.

☛ Change the settings, if necessary.

☛ Press **[Back]**.

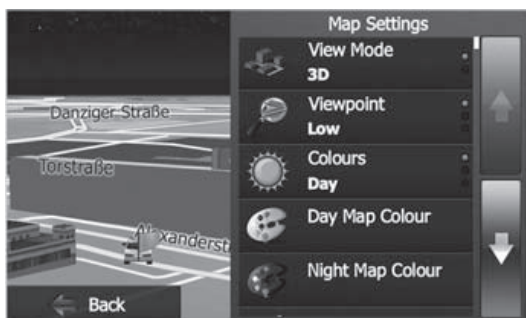The route guidance is displayed again.

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]**.

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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 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.

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 or microSDHC

The principles of audio playback (MP3/WMA) from data carriers 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.

- Or -

☛ Press the [🎵] button to display all the audio files of the data carrier.
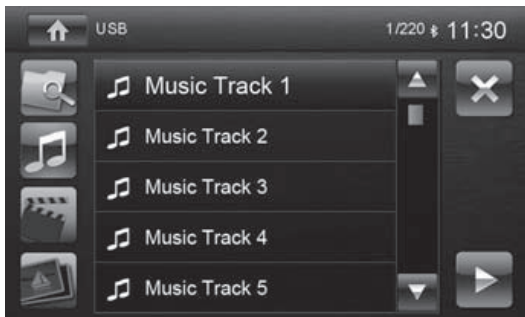
[▲] Scroll through the list page by page.

[▼] 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.

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

[II/▶] Interrupt playback and continue playback.

[▶▶I] 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.

[⇄] Start and end REPEAT function.

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

Display	REPEAT mode
⇄❶	Repeat current track
⇄▪	Repeat current folder
⇄Ⓐ	Repeat all tracks of data carrier

[⤬] 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
⇄❶	No random track play
⇄▪	Mixing tracks of the current folder
⇄Ⓐ	Mixing tracks of the data carrier

[▦] 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.

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 handsfree 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.
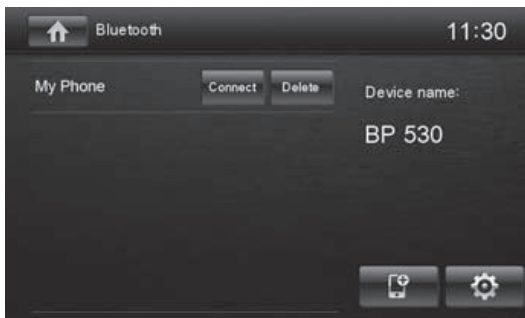
[🗗] Add new Bluetooth® device.

[⚙] 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 530" 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 𝄪 is displayed at the top right edge of the display in all audio/video sources.

Telephone mode - Bluetooth

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

[📞] Display the phone menu.

[🎵] Display the playback menu.

[◀▬▶] 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.

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

[📞] Reject a call.

[📞] Answer a call.

Audio playback - Bluetooth

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.

[🔌] 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.

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.

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External audio/video sources

AV-IN socket

This device features an external AV input for audio and video playback. The AV-IN socket is located under the cover at the front of the device.

⚠️ **Danger!**

Increased risk of injury from connector.

In case of an accident, the protruding connector in the 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]**.

The display shows the audio or video playback of the 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.

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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.

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.

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

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.

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

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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!

Connection diagram

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–
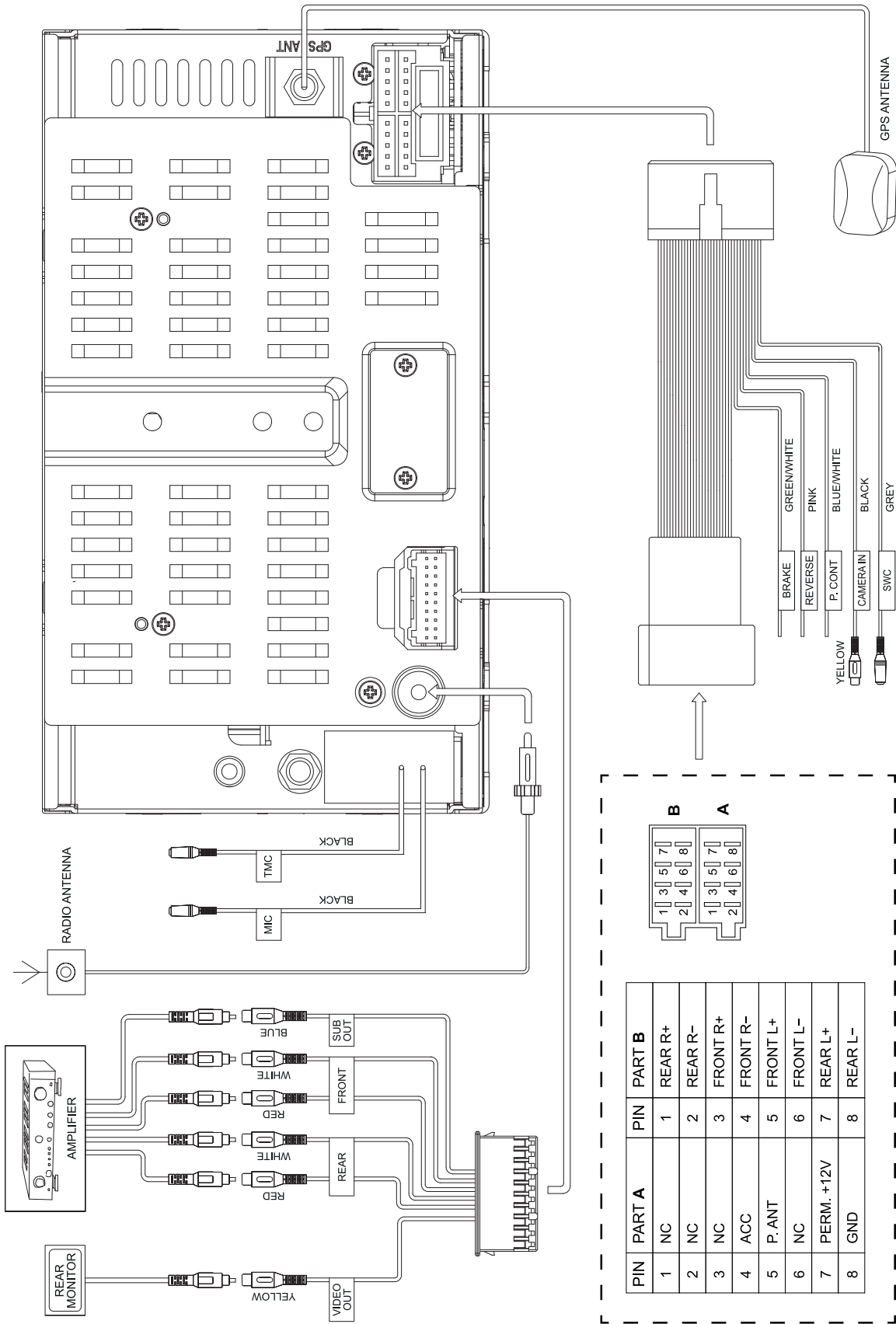
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FCC Statement

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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