Florida RD 168
San Remo RD 168

Operating instructions

BLAUPUNKT

Bosch Gruppe

Display

The display consists of three fields and varies according to the operating mode and function.

Display field 1:

Radio mode
Memory banks and wavebands
Brief indication of preset station (e.g. P1)

CD mode
Current track

Audio
Numeric and graphic representation of the volume and audio settings

DSC
Permanent display for DSC programming. Graphic representation of the volume level selected.

Display field 2:

Radio mode
Radio frequency or station name
PTY programme type Clock display

CD mode
CD time (elapsed playback time), CD number and brief indication of function switch, Clock display

DSC
Serves as display and input field during DSC programming Clock display

Miscellaneous
Indicates new source and the active functions (e.g. SCAN)

Display field 3:

Displays active functions

⊙ - Stereo
⏏ - CD inserted
LD - Loudness

Radio mode
AF - Alternative Frequency for RDS
PTY - RDS programme type
TA - Priority for traffic information
TP - Traffic programme station
lo - Seek tuning sensitivity

CD mode
RPT – Repeat function
MIX – Tracks played at random

.

23

Contents

Quick reference

① **Detachable operating panel**
Press the "REL" button to release the detachable operating panel and remove it from the vehicle.
To re-attach the panel, set it into the guide on the right-hand side of the chassis. Gently press in the left side of the panel until it snaps into place.
Be sure not to press or apply any pressure directly on the display.

② **Switching the unit on/off**
With the operating panel in place and the ignition switched on, press the on/off button in the middle of the volume knob briefly or insert a CD into the unit. It will play at the preset volume.

Switching on/off with the ignition:
If the unit has been connected as described in the instructions, it can also be turned on and off with the vehicle ignition. The unit will switch on in the mode used last before it was switched off.

Switching on when the ignition is off:
It is possible to play the unit with the ignition turned off (as long as the operating panel is in place): Press the on/off button in the middle of the volume knob briefly to switch the unit on.

To prevent the battery from running down, the system will turn off automatically after approximately one hour of playback.

③ **Eject**
Press this button to eject the CD from the radio unit.

④ **Volume adjustment:**

When the unit is switched on, it will play at the preset volume. To adjust the volume, turn the volume control. Turn the volume control in a clockwise direction to raise the volume and in a counter-clockwise direction to lower the volume.
To lower the volume quickly, press the on/off button briefly. "Mute" will appear in the display and the volume will drop to the mute value set in the DSC menu.
Press the on/off button again or turn the volume control to cancel the "mute" function. The "mute" function and the preset volume can be altered, refer to "DSC programming".

⑤ **CD insert**
After a CD is inserted with the label facing up, it will automatically be transported to its playing position. The unit will automatically switch to playback.

⑥ **Display**
The display indicates all settings, operating modes and functions.

⑦ **Rocker switch**

Radio mode

∧/∨ **Automatic seek tuning**
∧   Up
∨   Down

<< >> **Manual seek tuning**
<</>> Up/down in short intervals
        (for FM only if "AF" is off)

For FM only:

<</>> Scrolls through the broadcast networks, if AF is on. Example: NDR 1, 2, 4, N-Joy, ...

CD mode

∧/∨   **Select track:**
∧   Up
∨   Down,
      If ∨ is pressed only once the unit will return to the beginning of the track currently playing.

>>   **Fast forward**, audible (CUE)
      Hold >> pressed down for as long as necessary.
<<   **Fast reverse**, audible (REVIEW)
      Hold << pressed down for as long as necessary.

Additional rocker switch functions:
For additional settings use
AUD   ⑨
DSC-Mode   ⑧
PTY   ④
Important: The corresponding function must be active.

⑧ **SC-scan/SRC**
Radio mode

Press "SC" for approximately 2 seconds. You will hear a beep and "SCAN" will appear in the display, flashing alternately with the station name abbreviation of the station currently being scanned. All of the FM stations within reception range will be scanned.

PTY-Scan
PTY-Scan cannot be started unless "PTY" is switched on ("PTY" is lit up in the display).
Press "SC" for approximately 2 seconds. You will hear a beep and "PTY SCAN" will appear in the display, flashing alternately with the station name abbreviation of the station currently being scanned.
The stations broadcasting the program type selected will be scanned.
Stop the Scan/PTY-Scan function:
Press "SC" or the rocker switch briefly.

CD mode

Press "SC" for approximately 2 seconds. You will hear a beep and "SCAN" will appear in the display. The tracks on the CD will be scanned.

Stop the CD Scan function:
Press "SC".

⑨ **AUD**
Use this key to activate the menu for tone control.
Treble and bass adjustment
Press "AUD" once briefly: "BASS" will appear in the display and now you adjust this setting as desired by pressing the rocker switch to the left or the right. Use the up/down rocker switch keys to set the treble. "TREBLE" will then appear in the display.

Setting the Balance (left/right) and the Fader (front/rear):
Press "AUD" twice briefly.
Now use the up/down rocker switch to adjust the volume between the front and the rear speakers. "FADER" will appear in the display.
Use the left/right rocker switch keys to adjust the volume between the left and right speakers. "BALANCE" will appear in the display.
The selected values will appear in the display. The last setting is stored automatically.
Switch AUD off by pressing the button again briefly.

If you do not make any adjustments to the tone within 8 seconds, the AUD mode will quit automatically.

LD - Loudness
Loudness boosts the bass frequency at low volume.
Loudness on/off: Press AUD until you hear a beep.

⑩ **DSC (Direct Software Control)**
Using "DSC" you can adjust programmable basic settings to suit your own personal preferences.
Refer to the section on "DSC programming" for more information.

⑪ **Clock display**
When the unit is switched on press "DIS" briefly and the current time will appear in the display for approximately 8 seconds.
Additional function for clock display: Press and hold "DIS" until you hear a beep to display the time permanently. If you activate another function, the time will disappear from the display for approximately 8 seconds.

⑫ **Preset buttons 1 to 6**
Radio mode

You can store up to six stations in each memory bank (I, II, and "T").
On MW and LW you can also store six stations each.

Storing stations
Tune the radio into the station you would like to store. Press the preset button on which you want to store this station (radio will switch to mute) and hold it down until the radio becomes audible again and you hear a beep.

Recalling stored stations
Select the waveband and, on FM the memory bank ("I"!, "II", or "T") as well. Then press the corresponding preset button 1-6 briefly to listen to the station stored there.

Additional function for the station preset buttons
Storing and recalling the PTY program type.
When PTY is active ("PTY" will appear in the display), then you can store and recall a program type (e.g. rock, pop, classical, news, etc.) on each for the station preset buttons for the FM waveband.

CD mode

3/⫸-Pause
Press the station preset button marked **3/⫸** to interrupt CD playback. "PAUSE" will appear in the display. Press button again to resume CD playback.

4/RPT - Repeat
Press the station preset button marked **4/RPT** to repeat the CD track currently playing.
"REPEAT-T" will appear briefly in the display. "RPT" will light up in display field 3.
The track title will repeat until **4/RPT** is pressed again or you press the rocker switch to select a different track.

5/MIX
Press the station preset button marked **5/MIX** to switch to MIX playback for the CD currently playing. The tracks on the CD will be played in random order.
The current setting is briefly indicated in the display: "MIX CD" will flash briefly in the display and "MIX" will appear in display field 3.
Press **5/MIX** again to switch this function off.

27

⑬ **BA/TS**

Switches between the wavebands/memory banks FM I, FM II, TS (Travelstore), MW and LW

Extra function: Travelstore
To store the six most powerful radio stations in the Travelstore bank:
Press **BA/TS** until a beep sounds or "T-STORE" appears in the display.

⑭ **PTY**

(**P**rogramme **Ty**pe)
With "PTY" the station preset buttons become programme buttons. You can select a different programme type on each of the presets, e.g. news, sport, rock, pop, education, etc. Using the rocker switch <</>> it is possible to recall all of the PTY programme types, if PTY is activated. Press "PTY" briefly and "PTY" will light up in the display. Press "PTY" again to switch the function off.

⑮ **AF•TA**

Alternative **F**requency in RDS mode:
Switch the AF function on/off:
Press the "AF" button for approximately 2 seconds. "AF" will appear in the display.

The radio will use RDS to automatically search for the best radio frequency offering the same programme.
To switch the "AF" function off press the "AF" button for approximately 2 seconds and "AF" will disappear in the display after the beep.

TP
"TP" will appear in the display if the radio station you are currently tuned into is a traffic information radio station.
TA
"TA" (**T**raffic **A**nnouncement = priority for traffic messages)
You can only tune into radio stations that broadcast traffic information.
TA on/off:
Press "AF.TA" briefly: "TA" will appear in the display, priority for traffic programmes activated.

Important notes

What you need to know

Before using your new car audio system, please read through the following information carefully.

Traffic safety

As the driver of a motor vehicle, it is your responsibility to pay attention to the traffic situation at all times. Never use your car audio system in a way that could distract you.

Please keep in mind that you travel a distance of 14 m per second at a speed of only 50 km/h.

Should the traffic situation become particularly demanding, we advise you not to use the audio system.

Always make sure that you are still able to hear any warning signals coming from outside the vehicle, such as police or fire engine sirens, so that you can react accordingly.

Consequently, you should always select a moderate volume for playing your car audio system while you are driving.

Installation

If you would like to install your new car stereo yourself or add other audio components to existing ones, then please read the enclosed instructions on installation and connection carefully.

In order to ensure that the unit operates properly the positive power supply line must be connected via the ignition and the permanent +12 V lead.

Do not ground the loudspeaker outputs! This will result in damage to the unit output stages.

Accessories (optional)

Use only Blaupunkt-approved accessories and spare parts. You can use the following Blaupunkt products with this audio system:

Additional amplifiers

All Blaupunkt amplifiers

Theft protection system / Release panel

To best protect your car audio system from theft, this unit has been equipped with a detachable control panel.

Detaching the release panel

Press the **REL** button on the top left of the radio to release the control panel. Then remove the panel. You can remove the panel regardless of whether the unit is switched off or on.

Attaching the release panel

Slide the panel into the guide points on the right of the radio unit and then press the left side into the locking position gently until it snaps into place. Make sure that you do not press directly on the display.

The audio system will switch on in the operating mode last used before the panel was removed.

Care of the control panel

After you have removed the release panel, protect it from any form of rough handling. Make sure it does not come into contact with any type of fluids. Store it away from direct sunlight and other sources of heat. The connection contact strip which is visible on the rear side of the panel must be in perfect condition to ensure that the system is able to function properly.

It is highly advisable to store the control panel in the protective case provided.

Fixing the release panel

To prevent unauthorised persons from removing the release panel, e. g. from a car audio systems showroom, you can fix the release panel to the chassis permanently to lock it into place. Screw the enclosed bolt into the hole on the left hand side of the unit when the release panel is in place, see arrow.
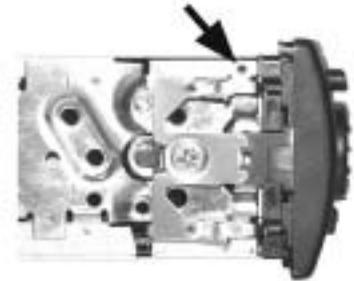
Selecting the operating mode

Use the SRC (source) button to select between radio and CD.
The CD mode is not available unless a CD has been inserted.
Otherwise, "No CD" will appear in the display.
Press **SRC** to switch between the operating modes.

Radio operation with RDS (**R**adio **D**ata **S**ystem)

The **R**adio **D**ata **S**ystem enhances your enjoyment when you listen to FM radio stations.
More and more radio stations now broadcast RDS information along with their regular programming.
As soon as radio programmes are identified, the station name including a regional identifier, if applicable, will appear in the display, for example, NDR1 NDS (regional programme in Lower Saxony, Germany). When RDS is activated, the preset buttons become programme buttons. You now know exactly which programme you have tuned into, making it easy to find the desired station quickly.
But RDS also offers you further advantages:

AF - Alternative frequency

The "AF" function makes sure that the radio always tunes into the strongest frequency for the currently selected programme automatically.
Press the **AF.TA** button for approximately 2 seconds, until you hear a beep and "AF" appears in display field 3.
While searching for the strongest reception signal, the radio may switch to mute briefly.
If "SEARCH" appears in the display when the radio is switched on or one of the stored frequencies recalled, the unit is already automatically searching for an alternative frequency.

"SEARCH" will disappear from the display when the alternative frequency has been found or after the frequency band has run through completely.
If the reception quality of the programme selected deteriorates beyond a certain point, tune into another station.

REG - regional programme

Certain radio programmes are split up at times into regional programmes offering local information. The 1st programme broadcast by NDR, for example, offers programmes with different contents in the northern German states of Schleswig-Holstein, Hamburg and Lower Saxony at certain times of the day.
If you are listening to a particular regional programme and wish to continue doing so, select "REG ON" in the DSC mode.
If you leave the service area of the regional programme you are tuned into, or if you would like to take full advantage of RDS service, switch to "REG OFF" in the DSC mode.
The display will briefly indicate whether this function is switched on or off with "REG ON" or "OFF" when you switch on the "AF" function.

31

Selecting a waveband

The following wavebands are available:
UKW (FM)   87,5 - 108 MHz,
MW   531   - 1602 kHz and
LW   153   - 279 kHz
Press the "BA/TS" button to select the desired waveband.

Station tuning

Automatic seek tuning ∧/∨

- Press ∧/∨; the car radio will automatically search for the next station.

If you hold ∧/∨ pressed up or down on the rocker switch, seek tuning will speed up in the corresponding direction.

Automatic seek tuning
∧   Up
∨   Down
<</>> Up/down in short intervals
       (on FM only if "AF" is switched off)

Manual tuning with << >>

You can also tune into a station manually.

32

Important: AF and PTY must be switched off (i.e. the symbols do not light up in the display).
If necessary, deactivate these function by pressing "AF.TA" or "PTY".

Manual tuning:

- Press << >>; the frequency will change in short intervals in the corresponding direction.

If you hold << >> pressed to the left or the right on the rocker switch, the frequency scan will speed up.

Scrolling through the broadcast networks (FM only)

You can use the << >> buttons to tune into stations in your reception area.
If it is possible to receive several programmes in the same broadcast network, you can scroll through them in the forwards direction by pressing >>, or backwards using the << button, e.g. NDR 1, 2, 3, 4, N-JOY, ...
For this to work properly you must have already tuned into the stations at least once and "AF" must be active (lights up in the display).
To do this, you can start the Travelstore seek operation:

- Press "BA/TS" for 2 seconds; the system will start to run through the frequency band.

If "AF" is not lit up,

- Press "AF.TA" until you hear a beep.

It is now possible to select stations using << >>.

Switching between the memory banks (FM)

You can switch between the memory banks I, II and T in order to store stations and recall them later.

The currently selected memory bank will appear in the display.

- Press the "BA/TS" button as many times as necessary until the desired memory bank lights up in the display.

Storing stations

On FM, you can store six stations on the preset buttons 1 - 6 for each of the memory banks (I, II, T).
On MW/LW, you can also store six stations each.

- Select the appropriate waveband by pressing BA/TS.
- Tune into a station with the rocker switch (either automatically or manually).

• Press the desired preset button until the radio resumes play after the muting (takes approximately 2 seconds) or until you hear a beep.

Now the station has been stored.
The display will indicate which station has been stored.

Note:

If you attempt to store a station which is already stored, the corresponding station and the station preset will flash in the display if you are in a different memory bank.

Storing stations with the strongest reception automatically with Travelstore

You can automatically store the six FM stations with the most powerful signals in your current reception area sorted according to their signal strength. This function is particularly convenient on longer trips.

• Press the "BA/TS" button for 2 seconds.

"T-STORE" will appear in the display.

The six strongest FM stations will be automatically stored on the memory bank "T" (Travelstore). When this process has been completed, the name of the strongest station will appear in the display and begin to play.

If desired, stations can also be stored manually in the Travelstore bank, refer to the section on "Storing stations".

Recalling stored stations

You can recall any stored station at the touch of a button.

• Select the waveband by pressing BA/TS. For FM, also choose the corresponding memory bank by pressing the BA/TS button as many times as necessary until the desired bank appears in the display.

• Press the corresponding preset button briefly to recall the station.

Scanning stations with Radio Scan

You can scan through all of the stations in your reception area.
To start the Scan function:

• Press "SC" for approximately 2 seconds.

The scanned frequency or the station name will start flashing in the display.
During the scanning process "FM-SCAN" or "AM-SCAN" will light up in the display.

If you want to continue listening to the station which is being scanned, then

• Press "SC" briefly.

This ends the Radio Scan function.
If no station is selected, the scan function will switch off after the frequency band has run through. The station selected previously will resume play.

Changing the scan time

The scan time per radio station can be set to between 5 and 20 seconds.
For more detailed information, refer to the section on "DSC programming - SCANTIME".

Selecting the automatic tuning sensitivity

You can alter the automatic tuning sensitivity.
If "lo" is displayed, the radio will only pick up strong, local stations (low sensitivity).
If "lo" does not light up, the radio will also pick up weaker, more distant stations.
To switch the automatic tuning sensitivity and program the sensitivity level, refer to the section on "DSC programming ".

Switching between Stereo/Mono (FM)

You can switch between Stereo/Mono in the "DSC" menu. This can be an advantage when the station reception is poor. The car audio system will select stereo automatically when it is switched on.

When reception quality deteriorates, the system will switch to mono playback.

Refer to the section on Stereo/Mono in "DSC" programming for information on how to switch from stereo to mono.

The playback mode selected is indicated in the display.

PTY - Programme Type

PTY is an RDS service offered by an increasing number of broadcasting stations. This feature allows you to select FM stations automatically according to their programme type. After you have chosen the PTY of your preference, the corresponding stations can be selected either by seek tuning or using the scan function.

Programme types

Switch "PTY" on by pressing the "PTY" button.

Use <</>> to have the last selected programme type displayed and to choose a new one. You can select any one of the stored types with the preset buttons 1-6.

The following list indicates some of the programme types which are currently available.

POP
ROCK
WEATHER
CHILDREN
TRAVEL
HOBBIES
JAZZ
OLDIES
NEWS
SPORT
CULTURE

Refer to "DSC programming – PTY Lang" to find information on switching the language used to display the programme types between German and English.

Switching PTY ON/OFF

• Press "PTY".

When the function is active, the programme type selected last will briefly appear in the display and "PTY" will appear permanently.

Checking the programme type of the station

• Press "PTY" for approximately 2 seconds. After the beep the display will show the programme type offered by the station currently playing. If "NONE" appears in the display, the current station has no PTY code.

Selecting a programme type

a) Using the preset buttons

When PTY is switched on, you can use the preset buttons 1-6 to select the programme types stored at the factory.

• Press one of the presets 1-6.

The selected programme type will be displayed for 2 seconds.

• If you would like to listen to a station with this PTY, press ??/?? to start the seek tuning function.

If the radio is unable to find a station offering the selected programme type, the display will show "NO PTY" and a beep will be emitted. The radio will select the station which was tuned into before seek tuning was activated.

You can assign different programme types to each preset position. Please refer to the next section on "Storing programme types".

b) Using the <</>> buttons on the rocker switch

When "PTY" is switched on, you can select a programme type using buttons <</>>.

- Press << or >>; the programme type selected last will be displayed for 3 seconds.
- During this period press >> (forwards) or << (backwards) to select the desired type.
- Press << or >> as many times as required.
- If you would like to listen to a station with the selected PTY, press ∧/∨ to start the seek tuning function.

If the radio is unable to find a station offering the selected programme type, the display will show "NO PTY" and a beep will be emitted. The radio will select the station which was tuned into before seek tuning was activated.

Storing programme types

Each of the preset buttons 1-6 has been assigned one programme type at the factory.
If desired, you can also replace these with other available programme types.
To do so, make sure that "PTY" lights up in the display.

- If necessary, press the "PTY" button to switch on the function.

- Select a programme type using buttons <</>> and hold down the desired preset button (1-6) until you hear a beep.

Now the selected programme type can be recalled by pressing this preset as long as "PTY" lights up in the display.

Scanning stations with PTY SCAN

Important: "PTY" must appear in the display.

- Press "SC".

All of the stations in your current reception area offering the selected programme type will be scanned.
To switch off PTY-SCAN:

- Press "SC" or the rocker switch again.

PTY priority

Situation:
PTY is switched on and lights up in the display.
No station offering the selected programme type can be found currently in your reception range (with seek tuning or scan).
The set will switch back to the station previously tuned into.

As soon as it is possible to receive a programme in the broadcast network with the PTY selected, the radio will switch over to the corresponding station for the duration of the programme.
Example:
- Station playing: NDR3.
- "PTY" lights up in the display.
- Programme type "POP" selected.
- Seek tuning is started.
- No station with "PTY-POP" can be found.
- The display shows "NO PTY" and
- automatically switches back to NDR3.
- NDR2 airs a "PTY-POP" programme.
- The radio will switch to the linked station NDR2 for the duration of the "POP" programme.

During CD operation, the set will also switch to the radio programme if the selected PTY becomes available within the broadcast network.
After the PTY programme has ended the system will switch back to the previous mode (radio or CD).

Note:
As already mentioned, these functions are only supported by a limited number of RDS stations at the present time.

Traffic programme station reception with RDS-EON

The abbreviation "EON" stands for Enhanced Other Networks, which means that information is exchanged within a radio network.

Many FM radio stations provide their service area with traffic messages at regular intervals.

Along with their programmes, all traffic programme stations transmit a special carrier signal, which is decoded by your car radio. If this signal is identified, "TP" will appear in the display (**T**raffic **P**rogramme).

In addition to these, there are also stations which do not actually transmit traffic information themselves, but by using RDS-EON it is possible for them to forward the traffic messages broadcast by another traffic programme station in the same radio network. If you want to have the priority for traffic announcements activated while listening to one of these stations (e.g. NDR3), "TA" must appear on the display panel.

If a traffic announcement is broadcast, the radio will automatically switch to the linked traffic programme station (in this case, NDR2) for the duration of the message and return to the original programme (NDR3) afterwards.

Traffic announcement priority on/off

If the priority for traffic announcement programmes is activated, "TA" will light up in the display.
To switch the priority on or off:
* Press the "AF.TA" button.

If you press "AF.TA" while a message is being broadcast, this message only will be interrupted. The unit will then switch back to the previous mode. The priority for other traffic messages remains active.

Please note that several buttons have no function while a traffic announcement is broadcast.

Warning beep

If you leave the reception area of the traffic programme station currently tuned into, you will hear a warning beep after approximately 30 seconds.

This warning will also be emitted if you press a preset button for a station which does not send the traffic programme signal (TP).

Switching the warning beep off

a) Tune into another station offering traffic information:

* Press the rocker switch or
* press a preset button which has a traffic programme station allocated to it.

or

b) Switch off the priority for traffic announcements:

* Press "TA".

   "TA" will disappear from the display.

Automatic seek tuning start
(CD mode)

If you leave the reception area for the traffic programme station you have tuned into while you are listening to a CD, the system will automatically start searching for a new traffic programme.

If no such station is found within approximately 30 seconds, a warning beep will sound every 30 seconds. To switch the warning beep off, proceed as described above.

Adjusting the volume for traffic announcements and the warning beep

Although this volume was preset at the factory, you can use the DSC function to alter the setting (see "DSC programming - TA VOL").

CD operation

This car audio system is also equipped with a CD player.

Note:

Use only perfectly circular CDs with a diameter of 12 cm.

CDs with a diameter of 8 cm or CDs manufactured in the shape of a butterfly or a beer mug, for example, are not suitable for use with this equipment.

Using such CDs can very likely result in the destruction of the CD and the CD drive.

We assume no responsibility for damages caused by using unsuitable CDs.

Switching on the CD mode

CD is inserted, "CD" lights up in the display. Press "SCR" to switch the audio source:

•   Press "SRC" as often as necessary until the CD functions appear in the display (track number and elapsed playing time).

Inserting a CD

•   Switch the car audio system on.

•   Insert a CD (label facing up) gently into the CD slot.

The CD will be automatically transported to its playing position. CD playback will begin.

Removing a CD

•   Press the "Eject" button briefly.

The CD will eject.

Do not interfere with the automatic CD insert/eject function in any way as this might damage the mechanism.

If you do not remove the CD, it will be pulled back into the unit after approximately 30 seconds.

Selecting a track

After you insert a CD, the CD functions will appear in the display.

∧/∨ **Select track:**
∧   Up
∨   Down
    If ∨ is pressed only once the unit will return to the beginning of the track currently playing.

\>\> **Fast** forward, audible (CUE)
    Hold >> pressed down for as long as necessary.

\<\< **Fast** reverse, audible (REVIEW)
    Hold << pressed down for as long as necessary.

The rocker switch acts as a successive switch, i.e. press it repeatedly to skip over several tracks.

The number of the track currently selected will appear beside "T" in the display.

CD-MIX operation

You can play back the tracks on the CD in random order. Press "5/MIX" on the station preset buttons briefly to switch the function on and off. "MIX" is switched on when "MIX CD" appears briefly in the display when you switch audio sources and each time the CD track changes.

CD-PAUSE

Press the station preset button marked **3/⏸▷** to interrupt CD playback. "CD-PAUSE" will appear in the display.

Press this button again to cancel the pause function. The CD programme will continue on from where it left off.

Clock

CD-Repeat (RPT)

Press the station preset button marked "4" during CD playback to repeat the track currently playing.

"REPEAT" will appear briefly in the display and the track will repeat until you press station button 4/RPT again or press the rocker switch to select a different track.

CD-Scan

You can scan the tracks on a CD.
To start the SCAN function:

• Press "SC" for approximately 2 seconds. "CD-SCAN" will appear in the display.

The tracks will be scanned briefly one after the other in ascending order.

To end the SCAN function:

• Press "SC" for approximately 2 seconds.

The track scanned last will begin to play.

This car audio system is equipped within a built-in clock which automatically takes advantage of RDS to ensure highly accurate time-keeping (hours, minutes).

For the clock to function properly with RDS, an RDS station with the CT function (CT – clock time) must be within reception range. The automatic correction of the hours can be switched off. Please be advised that not all RDS radio stations currently transmit a time signal (CT – Clock time).

Setting the clock

a) automatically

The clock is set automatically when the radio is tuned into an RDS station which has the "CT" function (clock time).

b) manually with DSC-CLOCKSET

• Press DSC briefly, the menu will appear in the display. Press ∧/∨ as often as necessary until "CLOCK SET" appears in the display.

• Press << >> to set the hours/minutes. You can move to a different position by pressing ∧/∨.

• After you have set the clock, press "DSC" briefly to store the new setting.

Displaying the clock

You can set the clock to permanent display in both the radio and CD modes.

If another function is selected, the clock display will disappear for approximately 8 seconds and the station selected, for example, will appear in the display.

To switch the display mode:

• Press "DIS" for approximately 2 seconds until you hear a beep.

Correcting the time after the power has been disconnected

If the radio has been disconnected from its power source for any length of time, "0:00" will appear in the display when it is re-connected.

The time will be set automatically by RDS-CT, but can also be adjusted manually if desired.

You need only set the time manually if it is not possible to receive an RDS station with CT (clock time).

DSC programming

Deactivating the hour correction function

In the DSC menu it is possible to switch off the hour correction function with "CLK MAN/CLK AUTO". An automatic correction for minutes will continue to take place.

This is useful if you would like to display the time for a different time zone, for example.

If necessary,
• Press "DSC" briefly and ∧/∨ as often as required until "CLK MAN/CLK AUTO" appears in the display.
• To deactivate the hour correction function press <</>> to select "CLK MAN".
• Press <</>> to set the hours/minutes.

The car radio has been equipped with DSC (**D**irect **S**oftware **C**ontrol) to allow you to customise certain programmable, basic settings to suit your personal needs and preferences and then store them.

The basic settings for this audio equipment were made at the factory.

In the following you can find an overview of these settings, so that you can always reset to them if desired.

If you wish to alter any of the programming,
• press "DSC".

Use the rocker switch to select and set the functions you wish to change. The display will show you the setting you have selected.

Press ∧/∨ to select the function.

Press << />> on the rocker switch to change or recall the values.

Note:
Whether the settings listed in the following are available or not depends on the car audio system model and the features with which it is equipped.

If you cannot select any of the functions listed here, then your car audio system is not equipped with that feature and it cannot be adjusted as a result (also see the section on "Equipment features list").

AM ON/OFF It is possible to block out one or both of the AM wavebands (MW/LW).
This means you will select only the wavebands you want when you press "BA/TS":
AM ON - all wavebands are available

MW OFF - LW, FM only
LW OFF - MW, FM only
AM OFF - FM only

BEEP Acknowledgement tone for all functions which require a button to be pressed for more than one second.
The volume can be adjusted from between 0 to 9. (0 = off)

CLOCKSET Sets the clock manually. Refer to the section on "Clock".

CLK. MAN. Switches off hour correction function.
Read the information in the section on "Clock ".

CLK. AUTO Automatic hour correction using the RDS/CT signal. Refer to the section on "Clock".

CLK. 12/24   Switches between 12-h and 24-h clock display.

DISP.   ON/OFF. Here you can set the clock to permanent display when the audio system is switched off. The clock display will remain visible until the ignition is switched off.

EQ ON/OFF   Switches the equalizer functions on and off.

HICUT   Reduces interference under poor reception conditions by cutting the treble.
Select "NO HI-CUT" or "HI-CUT 1, 2 or 3".
3 = cuts the treble the most.

LO-DX   Adjusts seek tuning sensitivity.
"LO" stands for local reception.
"DX" stands for distant reception.
Select "LO 3" if you want to receive strong stations in the local area, select "DX 1" if you want to tune into weaker stations which are further away.

LOUDNESS   Loudness boosts the bass frequencies at low volume.
LOUD 1 - Low boost
LOUD 6 - Max. boost

MUTE   It is possible to lower the audio volume quickly at the touch of a button. Here you can program the volume to which the audio will drop.

PEAK   PEAK ON: Displays the dynamics of the music signal.
PEAK OFF: Permanent display for the volume

PTY LANG   Allows you to select between German and English for the display of the programme types.

REG   To listen to a regional radio programme outside of its RDS transmission range, switch on "REG ON".
For full RDS service, switch to "REG OFF".

SCANTIME   Use this function to set the scan time for the radio or CD player from 5 to 20 seconds.

STEREO /MONO   Switches between stereo and mono manually. The mode selected will appear briefly in the display. The car audio system will select "STEREO" playback automatically each time it is switched on.

TA. VOL   Adjusts the volume for traffic announcements and the warning beep.
The message will be heard at this volume, if the standard volume is lower.
If the standard volume is set higher than the TA VOL level, then the traffic report will be played at the standard volume.

ON VOL   Sets the turn-on volume. If set to "VOL 0", the unit will automatically play at the volume last selected before it was switched off.

Press "DSC" to save any changes made in the settings and to quit the "DSC" menu.

Overview of the DSC factory settings

AM ON/OFF	ON
BEEP	4
CLK MAN/AUTO	AUTO
CLK 12/24	24
DISP ON/OFF	OFF
HICUT	2
LO-DX	SENS DX 1
LOUDNESS	3
MUTE LEVEL	15
PEAK ON/OFF	ON
PTY LANG	English
REG. ON/OFF	OFF
SCANTIME	10
STEREO/MONO	Stereo
TA. VOL	30
T. ON VOL	0

Specifications

Amplifier

Output power:	4 x 25 W RMS power acc. to DIN 45324 at 14.4 V 4 x 40 W max. power

Tuner

Wavebands:	
FM	87,5 - 108 MHz
MW	531 - 1602 kHz
LW	153 - 279 kHz

FM frequency response:

	20 - 16.000 Hz

CD

Frequency response:	20 - 20.000 Hz

Subject to modification!