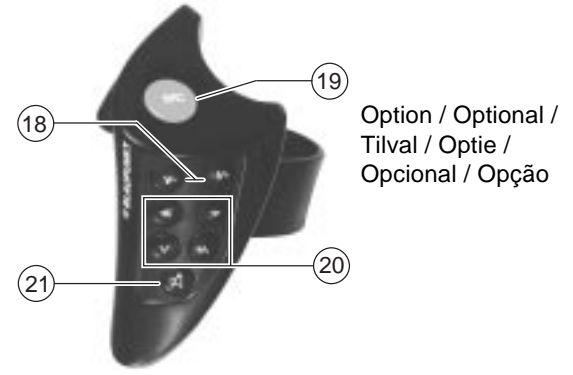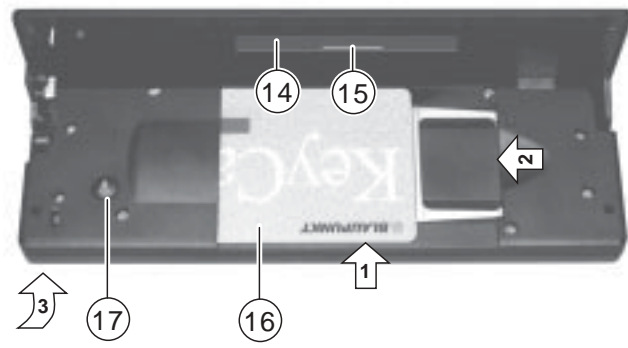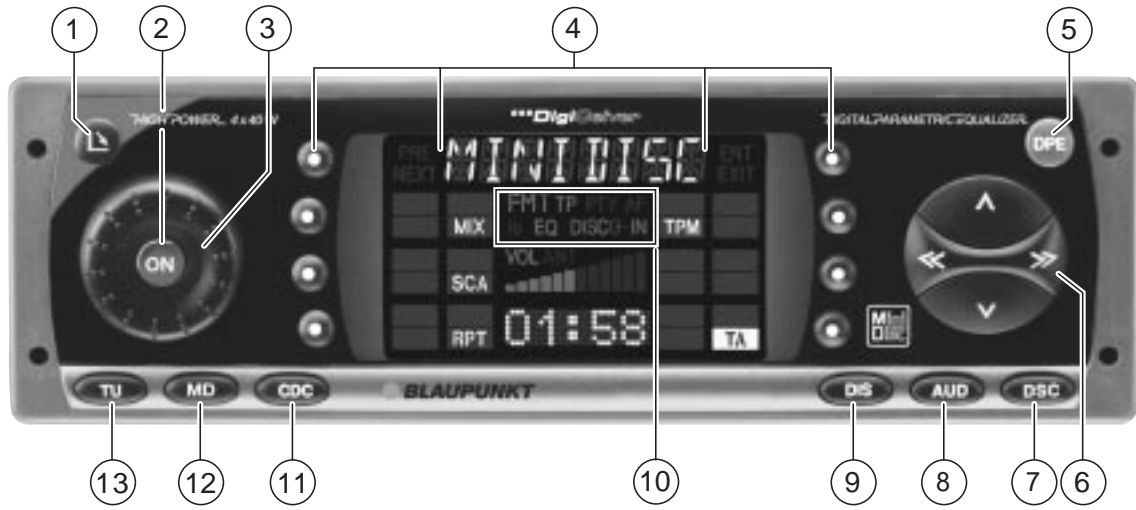# Dallas RMD 169
Texas DJ

Operating instructions

BLAUPUNKT

Bosch Gruppe

Option / Optional /
Tilval / Optie /
Opcional / Opção

Contents
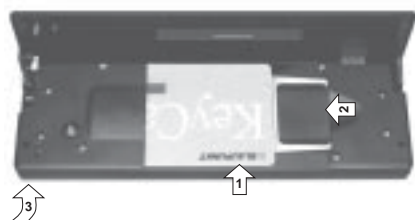
Condensed instructions

① **Disengaging the fold-down control panel**

Disengage the control panel to insert or remove the KeyCard and MiniDisc. To disengage the control panel, press knob ①: the control panel folds down. The control panel cannot be removed, nor should it be used a shelf. To re-engage the control panel, push it back into its original position (Arrow 3).

⚠ **For safety reasons, the control panel must always be engaged whilst the vehicle is moving. When leaving the vehicle, open the control panel and remove the KeyCard in order to prevent theft.**

② **ON**
Switching on the unit
Insert the KeyCard and press **ON** briefly. The unit is switched on in the last operating mode selected and with the previously selected volume.

Switching off the unit
Press **ON** for approx. 1 second.

❗ The display can be adjusted for the desired viewing angle in order to improve legibility. Refer to "Improving the legibility of the display" if necessary.

Switching the sound on/off
Press **ON** briefly. "MUTE" appears on the display when the sound is switched off.
To switch the sound back on again, turn the volume knob ③.

Switching the unit on/off using the KeyCard
Insert/remove the KeyCard to switch the unit on and off.
Refer also to the description of the KeyCard anti-theft system ⑯ in the condensed instructions.

Switching on/off by the ignition
The unit may be connected up such that it is switched on and off by the vehicle ignition.
When the ignition is switched off, a double beep reminds you to remove the KeyCard before leaving the vehicle.

Switching on whilst the ignition is off
With the ignition off (and the KeyCard inserted), proceed as follows to operate the unit:
Press **ON** when the double beep sounds.
The unit is switched on.
The unit switches itself off automatically after an hour's use in order to prevent the vehicle battery from running down.

ENGLISH

39

③ **Adjusting the volume**
Turn the knob to adjust the volume.

The selected value is shown on the display. When switched on, the unit plays at the preselected volume (ON VOL).
ON VOL can be changed (refer to "Programming with DSC – ON VOL").

④ **Softkeys/display**
Softkey = key with variable function
The functions shown in the display can be selected.

Radio mode

In radio mode, use **TU** to toggle between menu level 1 and menu level 2. The system automatically returns to menu level 1 when no key has been pressed for eight seconds.

**Menu level 1
Station keys and memory levels**

NEXT - FM
Switch between the memory levels FM I, FM II, FM T.
NEXT - AM (MW, LW)
Switch between the MW and LW frequency bands.

ST1 - ST6
ST1- ST6 can be used on this menu level to store radio stations on the FM levels I, II and "T".
You can store six stations each on the MW and LW bands.
Store station – hold one of the station keys ST1- ST6 down until the programme can be heard again (beep).
Call up station – select the frequency band. On FM, select the memory level using **NEXT** and press the appropriate station key briefly.

**Menu level 2
Adjusting radio functions**

NEXT - FM
Switch between the memory levels FM I, FM II, FM T.
NEXT - AM (MW, LW)
Switch between the MW and LW frequency bands.

BND
Select the frequency band and memory level (FM I, FM II, FM T, MW, LW).

SCA - Scan
a) PTY is deactivated
(logo is lit normally, not in reverse video)
Press **SCA** (Radio Scan) briefly – "SCAN" appears in the display alternately with the code of the sampled station. All stations on the frequency band which can be received are sampled briefly.

40

Press **SCA** for approx. 1 second (Preset Scan) –
a beep sounds, "SCAN" appears in the display alternately with the code of the sampled station.
The stations stored on the station keys and which can be received are sampled briefly.

Stopping Radio Scan/Preset Scan:
Press **SCA** or the seek rocker again.

b) PTY is activated (logo appears in reverse video on the display)

Press **SCA** –
the stations transmitting the selected PTY programme type are sampled briefly.

AF
(**A**lternative **F**requency in RDS mode)
If "AF" appears in reverse video in the display, the radio automatically looks for a frequency with better reception for the same station.

AF on/off: Select menu level 2 using **TU** and press **AF** briefly.

EXIT
To terminate or abort the adjustment process, press the key briefly.

ENT (Enter)
To accept/save the adjustments, press the key briefly.

TS (**T**ravel**s**tore)
Press **TS** to switch from any frequency band to FMT. The six strongest stations are automatically stored.
When they have been stored, the strongest station is selected and played.

PTY (**P**rogramme **Ty**pe)
PTY turns the station keys into programme type keys.
"PTY" must first appear on the display in reverse video (Press **PTY** if necessary).
A programme type such as NEWS, SPORT, POP can now be stored and selected with each station key.
Call up PTY programme types using the rocker **<< >>** and press the station key to store (hold down for approx. 2 seconds until the beep sounds).

TA (priority for **T**raffic **A**nnouncements)
"TP" is displayed when a traffic programme station is being received.
"TA" is displayed when priority for traffic programme stations is activated. Only traffic programme stations are played.
Priority on/off: Press **TA**.
Abort traffic announcement: Press **TA** or **EXIT**.

MiniDisc and CD changer mode

MIX, SCAN, RPT (repeat) and TPM can be selected in MiniDisc and CD changer mode by means of the corresponding softkeys.

MIX
MiniDisc and CD tracks can be replayed in random order.
You can select the following functions by pressing the **MIX** key:

ENGLISH

- MIX MD/MIX CD = Tracks on the MiniDisc or CD (in CD changer mode) are played in random order. In CD changer mode, CDs are selected in numerical order, tracks are replayed in random order.
- MIX MAG (CD changer mode only) = All tracks in the magazine are played in random order.
- MIX OFF = Switches off function.

SCA - Scan

For sampling the tracks briefly (in CD changer mode, the tracks of all CDs).

Starting Scan:
Press **SCA**. The tracks are sampled briefly in ascending order. The sampling time can be adjusted.
(Refer to "Programming with DSC – SCANTIME".)

Ending Scan:
Press **SCA**. The last track selected continues playing.

RPT - Repeat

MiniDisc tracks and, in CD changer mode, CD tracks and CDs, can be repeated.
Press the **RPT** key to select the following functions:

- REP TRCK = Repeat track
- REP CD = Repeat CD (only in CD changer mode)
- RPT OFF = Switches off function.

TPM - Track **P**rogram **M**emory
For storing and playing preferred tracks in MiniDisc and CD changer mode. Up to 30 MiniDiscs can be managed in MiniDisc mode and 99 CDs in CD changer mode with a maximum of 40 tracks each. (Refer to the "TPM programming" section.)

CLR
For clearing the TPM memory (refer to the "Clearing the TPM memory" section).

⑤ **DPE**
For activating/deactivating the equalizer and changing the equalizer settings.

Activating/deactivating the equalizer:
Press **DPE** until the beep sounds. When the equalizer is activated, "EQ" appears in the display.

Changing the equalizer settings:
Press **DPE** briefly. Further information on changing the equalizer settings: "Equalizer settings":

⑥ **Rocker**

Radio mode

If the rocker is pressed on menu level 2, menu level 1 is automatically called up.

∧ / ∨ **Station seek**
∧ Up
∨ Down

<</>> Up/down in steps (on FM only when AF and PTY are deactivated)

On FM only:
<</>> Page through the transmission chains when AF is activated and PTY deactivated,
e.g.: NDR 1, 2, 3, 4, N-JOY ... .

MiniDisc and CD changer mode

CDC mode

Select CD

>>   **Up:** Press briefly.
<<   **Down:** Press briefly.

Select track

∧   **Up:** Press briefly.
     CUE - fast forward (audible):
     Keep depressed
∨   **Down:** Press twice or more in quick
     succession
     Replay track from beginning:
     Press briefly
     REVIEW - fast rewind (audible):
     Keep depressed

MD mode

Select track

∧ / **>>**   **Up:** Press briefly
     CUE - fast forward (audible):
     Keep depressed
∨ / **<<**   **Down:** Press twice or more in quick
     succession
     Replay track from beginning:
     Press briefly
     REVIEW - fast rewind (audible):
     Keep depressed

Further functions of the rocker:
Further settings available with
AUD   ⑧
DSC-MODE ⑦
PTY
The settings are available only if the
corresponding function is activated.

⑦ **DSC** (**D**irect **S**oftware **C**ontrol)
   You can adjust programmable default
   settings using DSC.
   Further information: "Programming
   with DSC".

⑧ **AUD**
   For adjusting the treble, bass, balance
   (left/right), fader (front/rear) and loud-
   ness settings.
   Loudness = adjustment of the low-
   volume sounds to the human ear.

   Different treble, bass and loudness
   settings can be stored for the FM, AM,
   MD, AUX and TA modes.

Adjustment procedure:
Select mode.
Press **AUD** once: "BASS" and the se-
lected value appear on the display.

Select from the options using **<< / >>**.
Use ∧ / ∨ to change the settings.
The values selected are shown on the
display. The last setting selected is
stored automatically.

Particular feature of loudness:
The values can be selected between
LOUD 6 and LOUD OFF by means of
the rocker ∧ / ∨.

Leaving AUD:
Press **EXIT**.
If no change is made within eight sec-
onds, AUD is automatically switched
off.

ENGLISH

⑨ **DIS**

Selecting various display modes.

Radio mode

Press **DIS** briefly:
- Name of the selected station
- Currently selected frequency
- PTY code

A condition is that an RDS station can be received with an adequate field strength.

Press **DIS** for approx. two seconds: Toggle display between time and wavelength (incl. memory level in the case of FM).

MiniDisc mode

Press **DIS** briefly:
- Track number, time
- Track number, time played

CD changer mode

Press **DIS** briefly:
- CD number, track number, time
- CD number, track number, time played
- CD name, track number

⑩ **Display**

NDR2	-	Station name
FM	-	Frequency band
I, II, T	-	Memory level I, II or Travel-store
TP, TA	-	TP = Traffic Programme (traffic programme station is being received)
	-	TA = Priority for traffic programme station is activated
PTY	-	Programme type is activated
AF	-	Alternative frequency with RDS
lo	-	Seek sensitivity can be selected with DSC
EQ	-	Equalizer is activated
DISC-IN	-	MiniDisc is inserted

TRACK 13 or	-	Track number
VIVALDI or	-	CD name (CD changer mode)
CD 5 T 2	-	CD number and track number (CD changer mode)
MIX	-	Tracks can be played in random order
SCA	-	Sample tracks
RPT	-	Repeat function for MiniDisc/ CD changer mode
TPM	-	Save and play preferred tracks
CLR	-	Clear TPM memory
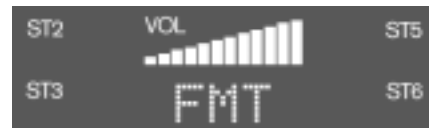
FM I, II, T or	-	FM memory level
MW, LW or	-	Frequency band
00:20 or	-	Time (time played)
12:50	-	Time

⑪ CDC

Switch to CD changer mode (only if a CD changer is fitted).
If a CD changer is not fitted, AUX is selected. Condition: AUX ON must be selected in the DSC menu.

⑫ MD

Switch to MiniDisc mode.

⑬ TU (**TU**NER)

Switch to radio mode.
For switching to the FMI, FM II, TS (Travelstore), MW and LW memory levels/frequency bands.

⑭ Slot for MiniDisc

When the MiniDisc is inserted in the direction indicated by the arrow with the label facing upwards, it is automatically transported into the operating position. MiniDisc play mode is selected automatically.

⑮ Visual anti-theft protection

The following conditions must be met if the LED is to flash as a visible anti-theft protection measure:
The unit is switched off;
The control panel is open;
The KeyCard is removed;

The ignition is off and LED ON is selected in the DSC menu (default factory setting).
Further information: "Programming with DSC, LED ON/OFF".

⑯ KeyCard anti-theft protection system

The KeyCard must be inserted before the unit can be operated.

Inserting the KeyCard

To disengage the control panel, press key ①. The control panel folds down. **Insert the KeyCard with the contact surface facing downwards** (see diagram). Engage the control panel.
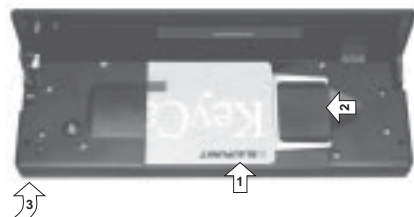
Remove the KeyCard following the procedure in reverse.
Important: read the information under "KeyCard anti-theft protection system".

⑰ Eject

Hold the key for MiniDisc ejection down for approx. 2 seconds: the MiniDisc is ejected.

⚠ **For safety reasons, the control panel must always be engaged whilst the vehicle is moving. When leaving the vehicle, open the control panel and remove the Key-Card in order to prevent theft.**

ENGLISH

45

Remote control RC 08 (optional)
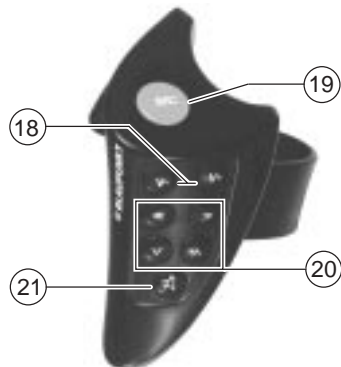
(18) **V- / V+**
Adjust the volume

(19) **SRC** (**S**our**c**e)
Select the operating mode
- Radio
- MiniDisc
- CD changer mode (if a CD changer is connected)

(20) **Keys <</>>, ∧ / ∨**

Radio mode

Station seek
∧   Up
∨   Down

<</>>   Up/down in steps (on FM only when AF is off)

On FM only:
<</>>   Page through the transmission chains, if AF is on
e.g.: NDR 1, 2, 3, 4, N-JOY ... .

MiniDisc and CD changer mode

CDC mode

Select CD
>> Up: Press briefly
<< Down: Press briefly

Select track
∧   **Up:** Press briefly
CUE - fast forward (audible): Keep depressed
∨   **Down:** Press twice or more in quick succession
Replay track from beginning: Press briefly
REVIEW - fast rewind (audible): Keep depressed

MD mode

Select track
∧ / **>>** **Up:** Press briefly
CUE - fast forward (audible): Keep depressed
∨ / **<<** **Down:** Press twice or more in quick succession
Replay track from beginning: Press briefly
REVIEW - fast rewind (audible): Keep depressed

(21) 🔇
Switching replay on/off:
Press 🔇 briefly. "MUTE" appears on the display when the sound is switched off.

Important

Read the following before using the unit

Before using the car radio, read the following instructions carefully.

Traffic safety

Traffic safety is of paramount importance. Always use your car radio system in a way which enables you to cope with the traffic situation.

Remember that your vehicle covers 14 m a second at a speed of 50 km/h.

In critical situations, do not operate the radio.

You must remain able to hear warning signals, for example from police and fire service vehicles, immediately and reliably.

Keep the volume therefore at a reasonable level whilst driving.

Installation

If you intend to install or modify the system yourself, read the installation and connection instructions at the end of the operating instructions before doing so.

Telephone mute

If a mobile phone is connected, radio and CD sound can be muted automatically when the phone is in use (telephone mute). "PHONE" then appears on the display.

The traffic announcement has priority if TA is activated. Pressing the **TA** key causes a traffic announcement to be interrupted.

Accessories

Only use accessories and spare parts approved by Blaupunkt.
The following Blaupunkt products can be used with this unit:

Remote control RC 08 (optional)

Infrared remote control RC 08 permits operation of the chief functions from the steering wheel.

Amplifiers
All Blaupunkt amplifiers.

CD changers
The following CD changers can be fitted directly: CDC A 06, A 072, A 08, IDC A 09.
CD changers A 05 and A 071 can be fitted by means of the 7 607 889 093 adapter cable.
The IDC A 09 is included with the Taxas DJ.

Navigation
The TravelPilot DX-N can be fitted for dynamic navigation.

Guarantee

The unit is guaranteed in accordance with the statutory provisions of the country in which it was purchased.
Irrespective of the statutory provisions, Blaupunkt guarantees the unit for twelve months. Should you have any questions concerning the guarantee, please consult your dealer. Your receipt suffices as proof of guarantee.

International hotline

Do you have any questions regarding operation of the unit, or do you require further information?
Simply give us a call.
The international hotline and fax numbers can be found on the last page of these instructions.

ENGLISH

KeyCard anti-theft protection system

One KeyCard is supplied with the unit.

The car radio can however also be operated with a second KeyCard.

Should you lose or damage a KeyCard, you can obtain a replacement from a specialist dealer.

If you are using two KeyCards, the settings are taken from the first KeyCard. You can customize the following functions:

Station key assignment, bass, treble, balance and fader settings, loudness, TA (traffic announcement volume), beep volume, LOW-EQ, HIGH-EQ.

The last state selected such as frequency band, station setting, TA priority, AF, REG ON/OFF, SCAN-TIME, seek run sensitivity, ON VOL (volume at switch on), SHARX, is also saved.

Your selected settings are therefore selected automatically when you insert your Key-Card.

Switching on the unit

- Switch on the unit with **ON**.

To insert the KeyCard, disengage the control panel:

- Press the knob ①: the control panel folds down forwards

- Insert the KeyCard with the contact surface downwards, as shown in the diagram (Arrow 1).

- Slide the card in the direction of the arrow (2) and engage the control panel (Arrow 3).

The car radio is ready for use.

Should a KeyCard other than that belonging to the unit be inserted, CARD ERR" appears on the display.

The unit switches itself off after approx. 10 seconds.

Should a card other than a KeyCard be inserted (e.g. a phonecard or credit card), "WRONG KC" is displayed for approx. 2 seconds.

In this case, remove the card and insert a KeyCard for the unit.

- Press **ON** to switch on the unit.

Removing the KeyCard

Disengage the control panel as follows

- Press the knob ①: the control panel folds down forwards.

- Slide the card as far as possible to the right, and remove from the front.

- Engage the control panel.

⚠ **For safety reasons, the control panel must always be engaged whilst the vehicle is moving. When leaving the vehicle, open the control panel and remove the Key-Card in order to prevent theft.**

"Teaching in" a second Key-Card/replacing the KeyCard

An additional KeyCard can be "taught in" whilst the unit is in operation with the first KeyCard.

To "teach in" a second KeyCard:

- Slide the first KeyCard in and switch the unit on.

- Press **DSC** and use ∧/∨ to select "LEARN KC".

- Press **<<** or **>>**.

"CHANGE" appears on the display.

KeyCard anti-theft protection system

• Remove the first KeyCard and, with "CHANGE" on the display, insert the new KeyCard.

When "READY" or "LEARN KC" appears:

• Press **DSC**.

The unit is now also ready for operation with the new KeyCard.

A maximum of two KeyCards can be taught in.

If a third KeyCard is taught in, the card which is not employed for the teaching-in process of the new card automatically loses its validity.

Displaying the radio passport data

You can use the KeyCard supplied to call up the radio passport data such as the unit name, type number (7 6 ...) and serial number on the display.
Refer to "Programming with DSC – READ KC" for the procedure.

Visual display for anti-theft protection

Anti-theft protection is provided in the form of a flashing LED ⑮ when the vehicle is parked and the KeyCard removed.

The following conditions must be met:

Battery positive and constant battery positive are connected as described in the installation instructions.
The unit is switched off; the control panel is open; the KeyCard is removed; LED ON is selected in the DSC menu (default factory setting).
If necessary, refer to "Programming with DSC – LED".

Deactivating the flashing LED
Select "LED OFF" in the DSC menu to deactivate the flashing LED.

Care of the KeyCard

The KeyCard will function perfectly only if the contacts are kept free of foreign particles. Avoid touching the contacts directly with your hands.

If necessary, clean the KeyCard contacts using a cotton bud soaked in alcohol.

KeyCard lost/damaged

Should you damage or lose the KeyCard for your unit, you can teach in a new KeyCard. You can purchase the new KeyCard from your dealer. You will also require the master code for the unit, which can be found in the car radio passport.

‼ Keep the car radio passport in a safe place, but not in the car.

Teaching in the new KeyCard

• Insert the new KeyCard and engage the control panel.

• Press **ON**.

• Press **TU** and **ST1** within 5 seconds: "0000" appears on the display.

• Using the rocker, enter the four-digit master code from the car radio passport:
  ∧/∨ - Enter the digits (press once for one, twice for two, etc.)
  << >> - Select the insertion point

• After entering the correct master code, press **ENT**.

The new KeyCard is accepted when the unit switches to play.

Input errors

Should the input not be correct, "CODE ERR" appears on the display. After three successive incorrect inputs, "WAIT 1h" appears on the display. The unit remains in Wait mode for one hour.

• Switch the unit off and on again.

Repeat the teach-in process.

Selecting the operating mode

You can select from the Radio (TU), MiniDisc (MD) and CD changer (CDC) modes.

MD can be selected only if a MiniDisc is inserted.

CDC can be selected only if a Blaupunkt A 06, A 072, A 08 or A 05, A 071 or IDC A 09 CD changer is connected and a magazine containing at least one CD is inserted.

Toggling between operating modes:

• Press **TU**, **MD** or **CDC**.

If TU is pressed again, menu level 2 is called up. Radio function adjustments can be made on this level. Menu level 1 is called up automatically if no input is made for approx. eight seconds.

Enhancing the display legibility

The display can be adjusted to your preferred viewing angle in order to enhance legibility.

Proceed as follows:

• Press **DSC**.

"ANGLE" appears on the display.

• Use the rocker **<< >>** to select optimum legibility for your driving position.

After selecting the setting:

• Press **DSC**.

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

The **R**adio **D**ata **S**ystem provides FM reception with enhanced convenience.

An increasing number of radio stations now broadcast RDS information supplementary to the programme proper.

As soon as stations can be recognized, the station code appears, in some cases with indication of the region, e.g. NDR1 NDS (Niedersachsen).

With RDS, the station keys become programme keys. You now know exactly what station you are receiving, and you can therefore also select the desired station.

RDS offers you further advantages:

AF - alternative frequency

The AF (**A**lternative **F**requency) function ensures that the best available frequency of the station being received is selected automatically.

Switching AF on/off:
During radio mode

• Press **TU**: menu level 2 is called up.

• Press **AF** briefly.

This function is active when "AF" is lit in the display.

"AF" then appears in reverse video on the corresponding key.

The radio may be muted briefly during the search for the channel with the best reception.

If "SEARCH" appears on the display when the unit is switched on or when a stored frequency is called up, the unit is automatically searching for an alternative frequency.

"SEARCH" disappears when an alternative frequency has been found, or when the frequency band has been completely searched.

If the station can no longer be received with satisfactory quality:

• Select a different station.

REG Regional

At certain times, the broadcast stations transmit different programme content according to the region. For example, German Radio 1 serves the northern regions Schleswig-Holstein, Hamburg and Lower Saxony, and at certain times broadcasts regional programmes which differ in content. If you are listening to a regional programme and wish to continue to receive it, switch to REG ON in the DSC menu. If you are leaving the region in which the regional programme can be received, or if you wish to enjoy the full RDS service, switch to "REG OFF".

Switching REG over:

• Press the **DSC** key and ∧/∨ repeatedly until "REG ON/OFF" appears in the display.

• Press **<< >>** to toggle between REG ON and REG OFF.

• Press **DSC** to leave the DSC menu and save the settings.

ENGLISH

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

Selecting the frequency band

You can select from the following frequency bands:

FM 87.5 – 108 MHz,
MW 531 – 1602 kHz and
LW 153 – 279 kHz as follows:

• Press **TU**: menu level 2 is displayed.

Menu level 2

• Select the frequency band by pressing **BND** repeatedly until the desired frequency band appears.

The sequence is: FM I, FM II, FMT, MW, LW.

Station tuning

Station seek ∧/∨

• Press ∧/∨: the radio automatically looks for the next station.

If ∧/∨ is held down at the top or bottom, the seek run continues forwards or backwards at higher speed.

Station seek
∧   Up
∨   Down
<< / >> Up/down in steps
(on FM only when AF is deactivated)

Manual tuning with << >>

You can tune manually.

Condition:
AF and PTY are deactivated (the corresponding symbols are not lit in the display).

If necessary, these functions can be deactivated on menu level 2.

Manual tuning:

• Press **<< >>**: the frequency is increased/reduced in steps.

Hold the **<< >>** rocker down to the right or left to change the frequency quickly.

Paging through the transmission chains (FM only)

You can use **<< >>** to call up stations from the region in which they can be received.

If a number of programmes in the station chain can be received, you can page through them with **>>** (forwards) or **<<** (backwards), e.g. NDR 1, 2, 3, 4... .

To start Travelstore, for example:

• Press **TU**: menu level 2 is displayed.

If "AF" fails to come on:

• Press **AF** on menu level 2.

52

Changing the memory level (FM)

You can change between memory levels I, II and T to store stations and retrieve them again. The selected memory level appears on the display.

• Press **NEXT** briefly and repeatedly until the desired memory level appears on the display.

Storing stations

You can store six stations on the FM band on each memory level (I, II, T) using the station keys **ST1 - ST6**.

You can also store six stations each on the MW and LW bands. Proceed as follows:
• Press **TU**: menu level 2 is displayed.
• Select the frequency band using **BND**.
• Select a station using the rocker (automatically ∧/∨ or manually **<< >>**).
• Press the desired station key repeatedly until the programme can be heard

again after it has been muted (approx. 2 seconds), and a beep is heard.
The station is now stored.

Note:
Should you store a station which has already been stored, the corresponding station key and the memory level flash briefly if a different memory level is called up.

Automatically saving the strongest station with Travelstore

You can store the six strongest FM stations in the current reception region automatically in the order of field strength. This function is particularly useful on long journeys. Proceed as follows:
• Press **TU**: menu level 2 is displayed.
• Press **TS** briefly.
"T-STORE" flashes on the display.

The six strongest FM stations are automatically stored on the "T" (Travelstore) memory level. If fewer than six stations can be received, four lines appear through the memory locations which are not occupied. When the procedure has been completed, the strongest station (ST 1) is selected.

Stations can also be stored manually on the Travelstore level if required (see "Storing stations").

Calling up stored stations

You can call up stored stations at the touch of a button.

FM

Call up the stations directly on the selected memory level as follows:
• Press the keys **ST1 - ST6**.
To call up stations on a different memory level:
• Press **NEXT** until the desired memory level is displayed, then select a stored station with **ST1 - ST6**.

MW, LW

You can call up the stations on the selected frequency band directly:
• Press the keys **ST1 - ST6**.
Calling up stations on the other frequency band:
• Press **NEXT**: the other frequency band is displayed. Then select the stored stations using **ST1 -ST6**.

53

Sampling stored stations with Preset Scan

You can sample stored stations briefly on all frequency bands and on the selected FM memory level.

Preset Scan can be started only when PTY is disabled ("PTY" is not lit on the display).

If necessary, disable PTY on menu level 2. Proceed as follows:

• Press **TU** and disable PTY using the **PTY** key.

Starting Preset Scan:

• Press **SCA** for approx. 1 second.

All stored stations on the frequency band which can be received are sampled briefly in turn. "SCAN" and the flashing station name/frequency appear alternately on the display.

Selecting sampled stations/terminating Preset Scan:

• Press **SCA** or one of the rocker keys briefly.

Sampling stations with Radio Scan

You can sample briefly the stations which can be received on the selected frequency band.

Radio Scan can be started only when PTY is deactivated ("PTY" is not lit on the display).

If necessary, deactivate PTY on menu level 2 as follows:

• Press **TU** and disable PTY using the **PTY** key.

Switching on Scan:

• Press **SCA** briefly.

All stations on the frequency band which can be received are sampled briefly in turn. "SCAN" and the flashing station name/frequency appear alternately on the display.

Selecting a sampled station/deactivating Scan:

• Press **SCA** or one of the rocker keys briefly.

If a station is not selected, Scan is switched off automatically when the seek function has passed through the complete frequency range. The station previously selected is played.

Changing the sampling time (Scan)

The sampling time can be selected between 5 and 30 seconds.

If you wish to change the duration of the sampling time, refer to "Programming with DSC – SCANTIME".

Changing the sensitivity of the seek run

You can change the sensitivity of the automatic seek run.

If "lo" is displayed, seek only recognizes stations with good reception (low sensitivity).

If "lo" is not displayed, seek also recognizes stations with poorer reception.

To adjust the sensitivity, refer to "Programming with DSC – FM/AM Sens".

Toggling between stereo and mono (FM)

You can toggle between stereo and mono in the DSC menu. This can be useful in areas where reception is critical. When the unit is switched on, stereo is selected automatically.

54

When reception is poor, the unit switches smoothly to mono.

If you wish to switch to mono, refer to "Programming with DSC – STEREO/MONO".

The state selected appears briefly on the display.

Automatic bandwidth switching (SHARX)

You can activate automatic bandwidth switching on the FM band by means of the SHARX function in the DSC menu. This is very useful when a number of stations are close together.

Interference from strong adjacent stations is largely eliminated when SHARX ON is selected (factory default setting).

If necessary, refer to "Programming with DSC – SHARX".

PTY – Programme Type

This is an RDS service which is being implemented progressively by the radio stations. The service enables FM stations to be selected according to a specific programme content. After selecting the programme type, you can select the stations using seek or Scan.

Activating/deactivating PTY

• Press **PTY**.

When the function is activated, the last programme type selected, e.g. "SPORT", is displayed briefly. "PTY" remains on the display as long as PTY is activated.

Programme type

You can display the last programme type selected and select a different programme type with **<< >>**.

Use the station keys 1 - 6 to select stored programme types.

Condition: PTY is activated.

You can select the language in DSC from German, English or French (refer to "Programming with DSC - PTY LANG").

The programme types listed below are available.

The letters in bold are the same as those on the temporary PTY display.

NEWS
CURRENT **AFFAIRS**
INFORMATION
SPORT
EDUCATE
DRAMA
CULTURE
SCIENCE
VARIED
POP MUSIC
ROCK MUSIC
EASY MUSIC
LIGHT MUSIC
CLASSICS
OTHER MUSIC
WEATHER
FINANCE
CHILDREN'S PROG.
SOCIAL AFFAIRS
RELIGION
PHONE IN
TRAVEL
LEISURE
JAZZ MUSIC
COUNTRY MUSIC
NATIONAL **M**USIC
OLDIES MUSIC
FOLK MUSIC
DOCUMENT

ENGLISH

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

Prompting the station for the programme type

On menu level 2:

• Hold **PTY** down for approx. 2 seconds.

After the beep, the programme type of the station currently being received is displayed.

If "NONE" is displayed, the station has no PTY code.

Displaying the selected programme type

• Press **<<** or **>>**.

The last programme type selected is displayed briefly.

Selecting the programme type

a) Using the station keys

If PTY is activated, the programme types defined by the factory can be selected by means of the keys ST 1 - ST 6.

• Press one of the keys 1 - 6.

The selected programme type appears on the display for two seconds.

To listen to a station broadcasting this programme type:

• Start the seek run with ∧/∨.

If no station broadcasting the selected programme type is found, "NO PTY" appears briefly on the display, and the beep sounds. The last station selected is played.

You can assign a different available programme type to each memory location.

Refer if necessary to the "Saving the programme type" section below.

b) Using the seek run rocker **<< >>**

If PTY is activated, you can select a programme type with **<< >>**.

• Press **<<** or **>>**: the last programme type selected is displayed for three seconds.

• During this time, select the desired programme type with **>>** (forwards) or **<<** (back).

• Press **<<** or **>>** as many times as necessary.

To listen to a station broadcasting this programme type:

• Start the seek run with ∧/∨.

If no station broadcasting the selected programme type is found, "NO PTY" appears briefly on the display, and the beep sounds. The last station selected is played.

Storing the programme type

A programme type is stored on each of the keys ST1 - ST6 by the factory.

You can however store other available programme types.

"PTY" must be displayed before you can store a different programme type.

• If necessary, activate "PTY" using the **PTY** key.

• Select the programme type with **<< >>** and

• hold the desired key (ST1- ST6) down until the beep sounds.

The selected programme type can be called up by means of this key when PTY is activated ("PTY" appears on the display).

Sampling stations with PTY-SCAN

Condition: "PTY" must be displayed.

• Press **SCA**.

The stations with this programme type which can be received are sampled briefly.

Deactivating PTY-SCAN:

• Press **SCA** or the seek rocker again.

Following a frequency seek run, PTY-SCAN is automatically deactivated.

PTY priority

Situation:

PTY is activated, the logo appears on the display.
No station broadcasting the selected programme type can be received at this time (by seek or by Scan).
The unit switches back to the previous station.
As soon as a station broadcasting the selected programme type can be received within the station chain, the unit switches to this station in radio mode for the duration of the programme.

Example:

- Previous station: NDR 3.
- "PTY" on the display
- "POP" selected
- Seek run started
- No station with "PTY-POP" found
- Display shows "NO PTY" and
- Switches back to NDR 3 automatically
- NDR 2 is broadcasting "PTY-POP"
- Unit switches within the station chain to NDR 2 and plays it as long as the station continues to broadcast "POP".

The unit also switches automatically in CD mode to the station broadcasting the selected programme type within the transmission chain.

When the PTY programme is over, the unit switches back to the source previously selected (radio or CD).

Note:
As already mentioned, these functions are not currently available with all RDS stations.

57

Traffic programme reception with RDS-EON

EON is the exchange of station information within a transmission chain.

Many FM stations transmit up-to-date traffic announcements for their broadcasting region.

Stations which transmit traffic announcements transmit a signal which is recognized and evaluated by your car radio. When such a signal is recognized, "TP" (**T**raffic **P**rogramme) appears in the display.

In addition, some stations transmit no traffic announcements of their own, but offer with RDS-EON the facility of receiving traffic announcements from a traffic programme station within the same transmission chain.

If priority for traffic announcements is to be activated whilst such a station (e.g. NDR3) is being received, "TA" (priority for **T**raffic **A**nnouncements) must appear in the display.

When a traffic announcement is broadcast, the unit switches automatically to the traffic announcement programme (in this case NDR2). The traffic announcement is played, after which the unit switches back to the programme (NDR3) previously selected.

Activating/deactivating priority for traffic programmes

"TA" appears on the display when traffic programme priority is activated.

Activating/deactivating priority:

- Radio mode: Press the **TU** key again to call up the function menu (not necessary in MD/CDC mode).
- Press the **TA** softkey (S6).

The function menu of the audio source is called up automatically during a traffic announcement. If the **TA** softkey is pressed during a traffic announcement, priority is deactivated only for the duration of this particular announcement. The unit switches back to the previous state. Priority remains active for further traffic announcements.
A number of keys have no function during a traffic announcement.

Warning tone

Should you leave the broadcast range of a selected traffic announcement programme, a beep sounds as a warning at intervals of approx. 30 seconds.
Pressing a station key on which a station without a TP signal is stored also causes a warning tone to sound.

Deactivating the warning tone

Select a different station with the traffic announcement service:

- Press the rocker or
- a station key on which a traffic announcement programme is stored.

or
Deactivate traffic programme station priority:

- Press the **TA** softkey (S6).

Automatic seek run

If you are listening to MDs or CDs and you leave the broadcast range of the selected traffic programme station, the radio automatically looks for a new traffic programme station. If a traffic announcement station is not found within approx. 30 seconds of the start of the seek run, a beep sounds as warning at intervals of 30 seconds. To switch off the warning tone, follow the procedure described above.

Adjusting the volume for traffic announcements and the warning tone

This volume is set in the factory as a default. You can however change it by means of DSC (refer to "Programming with DSC – TA VOL").

MiniDisc mode/CD changer mode

This unit enables you to play MiniDiscs. CDs can also be played with the aid of a Blaupunkt CDC A 06, A 072, A 08, A 05, A 071 or IDC A 09 CD changer.

These CD changers are available from your dealer.

The IDC A 09 is included with the Taxas DJ.

Note:

Only use standard circular 12 cm diameter CDs in the CD changer.

8 cm diameter CDs or CDs with different shapes, e.g. of a butterfly or beer glass, are not suitable for playing.

Such CDs present a serious risk of damage to the CD and to the drive.

We can accept no liability for damage arising from the use of unsuitable CDs.

Inserting a MiniDisc

• Switch on the unit and disengage the control panel with knob ①.

The control panel drops forward.

• Insert the MiniDisc with the label facing upwards in the direction indicated by the arrow. Do not use force.

The MiniDisc is automatically transported to the playing position. The MiniDisc is played.

• Fold the control panel up on the left-hand side and engage.

Removing the MiniDisc

• With the control panel disengaged, hold the Eject key (arrow) down for approx. 1 second.

The MiniDisc is ejected.

Do not obstruct or assist automatic insertion or ejection of the MiniDisc, as the mechanism may otherwise be damaged.

If the MiniDisc is not removed, it is drawn in again automatically after approx. 30 seconds.

⚠ **For safety reasons, the control panel must always be engaged whilst the vehicle is moving.**

Activating MiniDisc mode

A MiniDisc is inserted, "DISC-IN" appears on the display.

• Press **MD**.

MD text

The names of the MD and individual tracks can be displayed if they are stored on the MiniDisc.

Activating/deactivating MD text

• Hold the **DIS** key down until a beep sounds. The text "MDTXT ON" or "NO MDTXT" is displayed.

Displaying the MD text

• Press **MD** briefly.

Condition: SCROLL is set to OFF in the DSC menu. SCROLL ON causes the name to run across the display.

Refer to the "Programming with DSC - SCROLL" section.

MiniDisc mode/CD changer mode

Activating CD changer mode

A magazine containing at least one CD must be inserted.

• Press **CDC**. CD changer functions such as CD and track number, name, time played appear in the display.

Selecting the display type

You can switch the display type over in MiniDisc and CD changer replay mode:

• Press **DIS** repeatedly until the desired display type is selected.

CDC mode:

"CD 10"	– CD number
"TRACK 13"	– Track number
"14:34"	– Time
"00:20"	– Time played
"VIVALDI"	– CD name

MD mode:

"TRACK 13"	– Track number
"14:34"	– Time
"00:20"	– Time played

Key held down: Activate/deactivate MD text.

The name of the CD can be displayed only if a name has been entered.

Refer to the "Assigning names to CDs" section below.

Selecting tracks and CDs (CDs only in CD changer mode)

You can select tracks or parts of tracks and, in CD changer mode, CDs conveniently using the rocker.

Selecting a CD (CD changer mode only)

<< / >> **Select CD** (CD changer mode only)
>> **Up:** Press briefly
<< **Down:** Press briefly

Selecting a track

∧ / ∨ **Select track**
∧ **Up:** Press briefly
CUE - fast forward (audible): Keep depressed
∨ **Down:** Press twice or more in quick succession
Replay track from beginning: Press briefly
REVIEW - fast rewind (audible): Keep depressed

The rocker acts as a sequence switch: pressing it repeatedly causes several CDs or tracks to be skipped.

Repeating tracks and CDs (CDs only in CD changer mode)

You can repeat a track or (in CD changer mode) a CD continually. You can select the following functions using the **RPT** key:

- REP TRCK = Repeat track
- REP CD = Repeat CD (only in CD changer mode)
- RPT OFF = Deactivate function.

• Press **RPT** repeatedly until the desired function is activated.

The track or the CD is played repeatedly until you switch to "RPT OFF" using **RPT**.

TPM (**T**rack **P**rogram **M**emory)

For storing and playing preferred tracks in MiniDisc and CD changer mode. Up to 30 MiniDiscs can be managed in MiniDisc mode and 99 CDs in CD changer mode with a maximum of 40 tracks each. TPM is active only in the mode in which the track programme was stored (MiniDisc or CD changer mode).

Storing tracks with TPM

A track can be stored only whilst it is being played.

To store:

• Hold **TPM** down for approx. 1 second: "TPM PROG" appears on the display.

This track has been stored.

Activating/deactivating TPM replay

• Press **TPM** briefly. The activated state is indicated briefly on the display (TPM ON/OFF).

If "TPM" is shown in reverse video on the display, TPM replay is activated. All tracks on the MiniDisc or CD which were stored in the operating mode with TPM are played. If SCA (Scan) is activated in addition to TPM, only the stored tracks are sampled.
TPM replay can be switched on only if tracks have been stored using TPM.

Clearing the TPM memory

You can clear tracks stored with TPM.
TPM tracks can be cleared with **CLR** only during replay.

• Activate TPM.
"TPM" appears on the display in reverse video.
In this case, "CLR" appears below TPM.

If you wish to delete the current track only:

• Hold **CLR** down for approx. 2 seconds: "TRCK CLR" appears briefly on the display.

If you wish to delete all TPM tracks on the MiniDisc or the CD:

• Hold **CLR** down for approx. 5 seconds: "MD CLR" or "DISC CLR" appear briefly on the display (in MiniDisc mode and CD changer mode respectively).

To delete the stored TPM tracks of all CDs in CD changer mode:

• Hold **CLR** down for approx. 8 seconds: "ALL CLR" appears on the display.

If you wish to delete TPM and CD names simultaneously, refer to "Deleting CD name/ TPM store using DSC-UPDATE".

ENGLISH

MIX

MiniDisc and CD tracks can be replayed in random order. MIX is activated when "MIX" appears in reverse video on the display.

You can select from the following MIX functions:

MIX MD/MIX CD (in CD changer mode)

Tracks on the MiniDisc or the selected CD are played in random order. In CD changer mode, the remaining CDs are selected in numeric order. MIX applies to the order in which the tracks are played (random).

MIX MAG (in CD changer mode only)

CDC A 08, IDC A 09: All tracks in the magazine are played in random order.

CDC A 06/072: The CDs are selected in random order; all tracks of the selected CD are then replayed in random order.

MIX OFF

MIX is deactivated. CDs are played in numeric order.

Selecting MIX functions

• Press **MIX** briefly: the display signals briefly the activated state.

SCAN

For brief sampling of the MiniDisc or CD tracks.

Starting SCAN:

• Press **SCA** briefly: "SCAN" appears on the display.

The tracks are sampled briefly in turn in ascending order.

Ending SCAN:

• Press **SCA** briefly.

The last track selected continues playing.

SCAN is also terminated when the rocker, MIX, RPT, DSC, AUD, TU or CDC are pressed.

Assigning a name to CDs (in CD changer mode only)

You can assign names to up to 99 CDs in CD changer mode.

This name (e.g. VIVALDI) appears on the display when you have selected the corresponding display mode using **DIS**.

Starting input:

• Press the **DSC** key and ∧/∨ repeatedly until "CDC-NAME" appears on the display.

• Press **<< >>**.

The first input field flashes.

• Now select a character using the rocker ∧/∨.

The letters of the alphabet in capitals (A-Z), the numbers 0-9 and special characters appear in turn.

• Move to the next underline using the rocker **<< >>**, and select a character.

Up to eight characters can be selected in this way.

Storing/terminating the input:

• Press **ENT** to store the input.

If you wish to abort input of this name:

• Press **DSC**.

If you wish to enter a name for another CD:

• Press the rocker **<< >>** and

• Use ∧/∨ to select from the magazine the next CD to which a name is to be assigned.

To change a name, enter and save other characters (overwrite).

Deleting the CD name/TPM store using DSC-UPDATE

The stored names and the TPMs of CDs can be deleted simultaneously by means of DSC-Update.
You can delete the names and TPMs of the inserted CD with "CLR DISC".
You can delete the names and TPMs of all stored CDs with "CLR ALL".
A CD the stored data (name and TPM) of which are to be deleted must be replayed for this purpose.

- Press **DSC**.
- Press ∧/∨ repeatedly until "UPDATE" appears on the display.
- Use **>>** "CLR DISC" for selection if you wish to delete the name and TPM of the stored CD.

or

- Use **<<** "CLR ALL" for selecting if you wish to delete the names including TPMs of all stored CDs.
- Hold **ENT** down for approx. 1 second: "DELETING" appears briefly on the display.

The display operation has been completed.

To return to the DSC menu item "UPDATE" without deleting CD names and TPMs:

- Press **ENT** briefly.

ENGLISH

Clock - time

The unit has an internal clock which is set automatically through RDS for absolute accuracy.

A condition for correction by RDS is that an RDS transmitter with CT function (CT = clock time) is being received.

Automatic correction of the time can be deactivated.

Setting the time

a) Automatically:

The time is set automatically when an RDS transmitter with the "CT" (clock time) function is being received.

b) Manually by means of DSC-CLOCKSET

- Press **DSC** briefly: "CLOCKSET" appears on the display.

- Press **<< >>** to set the hours/minutes. The flashing area can be modified with ∧/∨.

- After correcting the time, press **ENT** briefly to save the setting.

Displaying the time

The time can be displayed in radio and CD mode.

Radio mode:

The display can be toggled between time and frequency band (incl. memory level in the case of FM) as follows:

- Press **DIS** for approx. 2 seconds.

MiniDisc/CD changer mode:

You can select from three different display modes:

- Track number, time
- Track number, time played
- CD name, track number (CD changer mode only).

To toggle:

- Press **DIS** briefly.

Correcting the time following an interruption to the power supply

If the unit has been isolated from the supply voltage for a longer period, "0:00" is displayed when the power is reconnected.

The time is corrected automatically by RDS-CT, but can also be adjusted manually.

The time need be adjusted manually only if an RDS station with CT (clock time) is not being received.

If you wish to correct the time manually, refer to "Programming with DSC – CLOCKSET".

Deactivating hours adjustment

Correction of the hours can be deactivated by "CLK MAN/CLK AUTO" in the DSC menu. The minutes continue to be corrected.

This is useful if you wish to display the time of a different time zone, for example.
If necessary:

- Press **DSC** briefly and

- press ∧/∨ repeatedly until "CLK MAN/ CLK AUTO" is displayed.

To deactivate hours correction, select **<< >>** "CLK MAN".

64

Equalizer setting

The sound in the vehicle is influenced decisively by the acoustic characteristics of the passenger compartment, substantially more than by the characteristics of the loudspeakers.

The position and installation of the loudspeakers and the volume to the rear, for example of the door or parcel shelf, are however also important.

Even when suitable loudspeakers have been selected and installed properly, resonances in the passenger compartment may have a detrimental effect upon the sound.

This can result in the bass frequencies booming or being absent, mid-frequencies encroaching excessively, musical instruments or voices being strongly distorted, or the sound generally being muffled.

The subjective sound impression can be improved considerably by suppression or amplification of certain frequency ranges by the car radio.

This unit is equipped with two parametric filters. The first filter, "LOW EQ", can be adjusted from 32 to 500 Hz, the second, "HIGH EQ", from 630 to 10 000 Hz. In this case, parametric means that **one** frequency can be increased or reduced for each of the two filters (+10 to -20 dB). The bandwidth/quality of the two filters can also be adjusted.

The parametric filters can be adjusted exactly without instruments.

In addition, you can select from seven pre-programmed equalizer settings, which are adjusted for different musical styles. Refer to the "Selecting pre-set sound settings" section.

The steps required for adjustment are described in the table.

Adjustment instructions

The instructions below represent a recommendation only. You can adjust the sound characteristics according to your own personal preference.

We recommend that you use a familiar music MiniDisc for adjustment of the filters. The MiniDisc should include tracks with a range of instruments and voice. Pure electronic music is not suitable for evaluation purposes, since the original sound is not known.

Before adjusting the equalizer, set the bass, treble, balance and fader to "0".

This setting is described in the condensed instructions under ⑧ **AUD**.

Now listen to the MiniDisc with which you are familiar.

Evaluate your impression of the sound according to your taste.

Now read the "Tonal effect/problem" column in the table, and look for solutions under "Measure".

Use the LOW EQ filter for settings in the bass and lower mid-range, and the HIGH EQ filter for the treble and upper mid-range.

The "HIGH EQ" and "LOW EQ" filters can be adjusted in the DPE menu:

- Press **DPE** to call up the DPE main menu.

Adjusting the frequency level

- Press ∧/∨ repeatedly until "HIGH EQ" or "LOW EQ" appear in the display.
- Press **<<** or **>>** once or several times to select the frequency.
- Press ∧/∨ once or several times to adjust the level (GAIN +8 ... GAIN -8).
- Press **<<** or **>>** once or several times to select a different frequency and to adjust the level accordingly.
- Press **DPE** or **EXIT** to save the selected level and to return to the DPE main menu.
- Press **DPE** or **EXIT** again to close the DPE menu.

Equalizer setting

Selecting a quality factor for the bass or mid-range

- Press ∧/∨ repeatedly until "LO-Q-FAC" or "HI-Q-FAC" appear in the display.
- Press **<<** or **>>** once or several times in order to set the quality factor (Q-FACT 1 to Q-FACT 3).
- Press ∧/∨ to save the selected factor and return to the DPE main menu.

or

- Press **DPE** or **EXIT** to save the selected factor and to close the DPE main menu.

Selecting the preset sound setting

Selecting a preset influences the equalizer and sound settings of the unit. Each selected preset can be adjusted manually. When a different preset is selected, however, the factory default setting is restored. Your personal sound settings for BASS, TREBLE, EQ and LD are stored in the "USER" preset mode.

To call up the presets:

- Press ∧/∨ repeatedly until "PRESET" appears on the display.

- Press **<<** or **>>** once or several times to select the (*USER* ... VOCAL) equalizer settings.
- Press ∧/∨ to save the selected equalizer setting and return to the DPE main menu.

or

- Press **DPE** or **EXIT** to save the selected equalizer setting and to close the DPE main menu.

To activate/deactivate the equalizer, hold **AUD** down for approx. 2 seconds.

This enables you to compare the sound with and without equalizer.

Equalizer setting

Tips on adjusting the equalizer

Begin adjustment with the mid-range/treble and complete it with the bass range.

Frequency ranges	Tonal effect/problem	Measure	Note
Bass range 30 to 100 Hz	Bass response too weak	Increase the bass with Filter: "LOW EQ" Frequency: 50 to 100 Hz Level: +4 to +6 dB	Avoid distortion. Raise the level cautiously if the loudspeaker diameter is too small.
Lower mid-range 100 to 400 Hz	Bass not clean Booming Unpleasant pressure on the ears	Reduce the lower mid-frequencies with Filter: "LOW EQ" Frequency: 125 to 400 Hz Level: Approx. -4 dB	The tonal response may become too thin and aggressive. Pay attention to the fundamental tone range of the music.
Mid-range 400 to 4 000 Hz	Sound lacks depth, aggressive, no stereo effect	Reduce the mid-frequencies with Filter: "HIGH EQ" Frequency: 1 000 to 2 500 Hz Level: -4 to -6 dB	Reproduction must not become too faint. Tonal response too weak.
Treble 4 000 to 20 000 Hz	Response is dull Clarity lacking Instruments lack brilliance	Increase the treble range with Filter: "HIGH EQ" Frequency: Approx. 10 kHz Level: +2 to +4 dB	Avoid a sharp tonal response. Loud hissing impairs the quality.

Programming with DSC

The car radio offers the facility to adjust certain settings and functions to your requirements and to store these changes with the aid of DSC (**D**irect **S**oftware **C**ontrol).

The default settings are selected at the factory.

An overview of the factory default settings is provided below for future reference.

To alter a programming setting:

• Press **DSC**.

Select and adjust the functions described below by means of the rocker and the **ENT** key. The status of adjustment is shown on the display.

∧ / ∨   Select function
<< / >>   Adjust/call up value

ANGLE   Adjust the display to your own viewing angle.

DIM DAY   Select the display brightness for daylight (Stages 1-9).

DIM NIGHT   Select the display brightness for darkness (Stages 1-9).

The brightness is switched over automatically by the headlights.

TA VOL   Adjust the volume of traffic announcements and the warning signal from 0 - 66. Traffic announcements are played at this volume if the standard volume is lower. If the standard volume is greater than TA VOL, traffic announcements are played at the standard volume.

ON VOL   Select the initial volume. Use **<< >>** to select the desired initial volume. If "LAST VOL" is selected, the initial volume is the same as that last selected.

PEAK ON/OFF
Activate/deactivate the dynamic volume level display.

SCROLL   Appears only in MiniDisc mode. If the track name is to run continuously through the display, SCROLL ON must be selected.

REG   Appears only in radio mode. If you wish to receive regional programmes for your broadcast area, REG ON must be selected.

SHARX   Automatic bandwidth switching on the FM band. Where the station density is high, switch to SHARX ON with **<< >>**: this largely eliminates interference from adjacent stations. " SHARX ON" is the default setting.

68

Programming with DSC

HICUT Interference-driven treble reduction. Treble frequencies are reduced only when interference is present. Can be selected from NO HICUT (OFF) to HICUT 3 (strongest treble reduction). Decide for yourself which setting is the most pleasant.

FM/AM SENS

Change the sensitivity of the seek run.
"SENS 1" indicates close reception, "SENS 6" distant reception.
Select "SENS 1" if you wish to receive strong stations in the near range; select "SENS 6" if you also wish to receive weaker, distant stations.

STEREO/MONO

Toggle **<< >>**.
The display indicates the selected state briefly.
STEREO is selected automatically when the unit is switched on.

AMP DELAY Energization delay of external amplifiers. DLAY OFF signifies no energization delay. DLAY 1 to DLAY 4 signify the energization delay in seconds.

CDC NAME Displayed only in CD changer mode.
You can use this function to assign any desired name to the CDs. (Refer to "Assigning names to CDs".)

CLOCKSET Manual adjustment of the time.
Use **<< >>** to select hours/minutes. The flashing range can be adjusted with ∧/∨.
Press **ENT** briefly to save after completing the setting.
Refer also to "CLOCK time".

CLK AUTO/MAN

For activating/deactivating automatic hours correction.
Refer also to "CLOCK time, hours correction".

12/24H MODE

Select the time display (12 hour or 24 hour).

CLK ON/OFF The time can be displayed with the ignition on and the unit switched off. Select CLK ON in this case.

BEEP Confirmation signal for functions which require a key to be held down for approx. 1 second.
The volume can be selected from 0 to 9 (0 = off).

LED ON/OFF You can select between LED ON and LED OFF. When LED ON is selected, the "ON" knob flashes to provide additional security when the unit is switched off and the KeyCard removed.

SCANTIME This setting defines the sampling time (5 - 30 seconds) for radio broadcasts and CD tracks.

ENGLISH

69

Programming with DSC

PTY LANG Select the language for programme type codes: German, English or French.

AUX ON/OFF This menu item does not appear when a CD changer is connected. "OFF" is the default factory setting.
If an external unit is connected through AUX, "ON" must be selected.

LEARN KC This function enables you to teach in a second KeyCard. Refer to the instructions under "KeyCard anti-theft protection system" "Teaching in a second KeyCard".

READ KC The data can be read out from a KeyCard.
Unit data such as name, type number (76...) and serial number are displayed by the KeyCard supplied. Should you remove the KeyCard during the read process, "READ KC" appears in the display.

UPDATE In CD and CD changer mode, this function enables the names of CDs to be deleted in order to create space for new CDs. (Refer to "Deleting CD names with DSC-UPDATE".)

End DSC programming/store settings:
• Press **DSC**.

Overview of the factory default settings with DSC

ANGLE	0
DIM DAY	9
DIM NIGHT	9
TA VOL	35
ON VOL	LAST VOL
PEAK ON/OFF	ON
SCROLL ON/OFF	OFF
REG ON/OFF	OFF
SHARX	SHARX ON
HICUT	HICUT 2
FM/AM SENS	SENS 6
STEREO/MONO	STEREO
AMP DELAY	DLAY OFF
CDC NAME	-
CLOCKSET	0:00
CLK AUTO / MAN	CLK AUTO
12/24H MODE	24H MODE
CLK ON/OFF	CLK OFF
BEEP	3
LED	ON
SCANTIME	10 sec.
PTY LANG	DEUTSCH
AUX	OFF
LEARN KC	-
READ KC	-
UPDATE	-

70

Technical data

Glossary - Technical Terminology

Amplifier

Output power: 4 x 25 watts sinusoidal
                to DIN 45 324 at
                14.4 V
                4 x 40 watts max.
                power

Tuner

Frequency bands:
FM :   87.5 – 108 MHz
MW :   531 – 1602 kHz
LW :   153 – 279 kHz

FM sensitivity: 0.7 µV at 26 dB
                  signal-to-noise ratio.

FM transmission range:
                20 - 16 000 Hz

MD

Transmission range:
                20 - 20 000 Hz

Subject to modifications!

AF – **A**lternative **F**requency

With RDS, this function ensures that the best frequency of the current programme which can be received is selected automatically.

Amplifier

Power amplifier for increasing the output power.

AUD – **Aud**io

Sound adjustment of basses and trebles, adjustment of the right/left (balance) and front rear (fader) volume ratios.

BND (**B**and)

For selection of the frequency band and the memory level.

CL – **Cl**ear

Return to the previous menu item.

DSC – **D**irect **S**oftware **C**ontrol

DSC can be used to adjust certain factory default settings according to the user's personal requirements.

ENT (Enter)

Press briefly to accept/save the adjustments.

EON – **E**nhanced **O**ther **N**etwork

With RDS, EON permits the exchange of transmitter information within a transmission chain.

For example, a non-traffic programme station can be switched automatically to a traffic programme station for the duration of a traffic announcement. Following the announcement, the original non-traffic announcement station is selected again.

Equalizer

Sound control for adjustment of the frequency response to the acoustic conditions and personal taste.

EXIT

Press the key briefly to terminate or abort the adjustment process.

KeyCard

Blaupunkt's anti-theft protection system. The unit can be operated only with the correct KeyCard.

MIX

Play CDs/CD tracks in random order.

MUTE

Switches audio off.

Glossary - Technical Terminology

Preset Scan

See also SCAN.

PTY

For selection of a desired programme type in FM mode (e.g. sport, news). Refer also to RDS.

RDS – **R**adio **D**ata **S**ystem

Service provided by the broadcast stations for improved listening convenience.
For example, the station name is shown in place of the frequency.

Further RDS functions include:

    AF – Alternative Frequency
    EON – Enhanced Other Network
    Radio Text
    REG – Regional Programme
    PTY – Programme Type
    TA – Traffic Announcement
    TP – Traffic Programme

REG

Assign priority to regional programmes. REG ON prevents the unit from switching automatically to a different regional programme of the same broadcasting station with better reception. Refer also to RDS.

RPT (**Rep**eat)

Repeat CD tracks. Tracks or CDs can be repeated in CD changer mode.

SCAN

Briefly plays the radio stations in your current reception range or the tracks on a CD in CD mode. Using Preset Scan you can scan the radio stations stored on the preset buttons.

Softkey (**Soft**ware **key**)

Key with varying functions.

SRC - **S**ou**rc**e

Source switch between radio and CD changer.

TA - **T**raffic **A**nnouncement (priority for traffic information)

"TA" in the display indicates that the priority for traffic announcements has been switched on. See also RDS.

TP - **T**raffic **P**rogram

"TP" in the display indicates that the radio is tuned into a station which broadcasts traffic information. See also RDS.

TPM – **T**rack **P**rogram **M**emory

Stores and plays your favourite tracks in CD or changer mode.

TS – **T**ravel**s**tore

Automatically stores the stations with the best reception on the station preset buttons. Very useful during long journeys.

Service-Nummern / Service numbers / Numéros du service après-vente / Numeri del servizio di assistenza / Servicenummers / Telefonnummer för service / Números de servicio / Número de serviço

	Tel.:	Fax:
Deutschland	018 050 002 25	051 214 940 02
Belgique	025 255 444	025 255 448
France	014 010 70 07	014 010 73 20
Nederland	023 565 63 48	023 565 63 31
Great Britain	018 958 383 66	018 958 383 94
Denmark	44 89 83 60	44 89 86 44
Sverige	08 750 15 00	08 750 18 10
Norway	66 81 70 00	66 81 71 57
Suomi	094 359 91	094 359 92 36
Österreich	045 989 90 28	016 103 93 91
Greece	015 762 241	015 769 473
Česká republika	026 130 04 41	026 130 05 14
USA	800-266 25 28	708-681 71 88
Singapore	006 535 054 47	006 535 053 12
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