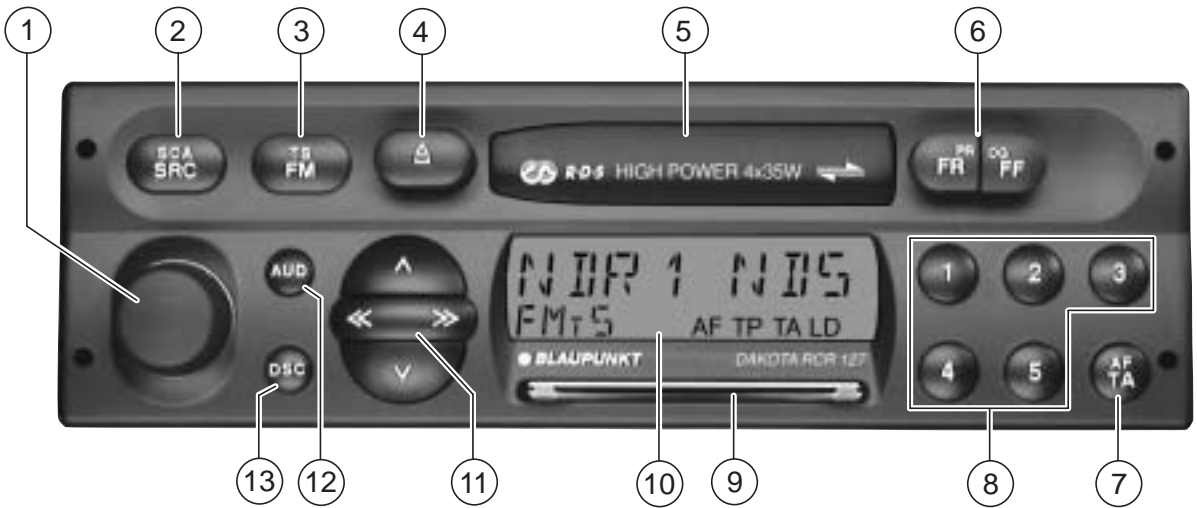


Radio / Cassette

# Dakota RCR 127

Operating instructions





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## Quick reference

### ① On ↻ Off ↻ Volume ↻

When switching the set on with the knob, the KeyCard has to be inserted. The unit will play with the pre-adjusted volume.



### Switching on/off with the KeyCard:

The set has to be turned on with the knob.

Notice:

Read the information in chapter “KeyCard theft protection system”.

### Switching on/off via the ignition:

When connected correspondingly, the set can also be turned on and off with the vehicle ignition.

After the ignition has been switched off, a double beep tone will remind you that you should remove the KeyCard before leaving your vehicle.

### Switching on with the ignition being switched off:

To keep on operating the set when the ignition is switched off (KeyCard is inserted), proceed as follows:  
Turn the knob to switch the unit off, wait for about 2 seconds and turn it on again.

To avoid that the battery goes flat, the system will be turned off automatically after one hour of playback.

### ② SCA / SRC SCA – Preset Scan

Press **SCA/SRC** for about 1 second - The stations stored on the preset buttons will be scanned.

The indicators for the waveband, memory bank and preset button will flash in the display.

To stop Preset Scan:

Press **SCA/SRC** again for about 1 second.

### SRC (Source)

Press **SRC/SRC** briefly –

You can switch between radio and cassette mode, if a cassette is inserted.

### ③ TS/FM

Selector key to access the memory banks I, II and T.

#### To switch over:

Press **TS/FM** as many times as required.

### Travelstore

To store and recall the five most powerful stations with Travelstore.

**To store:** Press button for approximately 1 sec. until you hear a beep and “T-STORE” appears in the display.

**To recall:** Select the memory bank “T” and press the corresponding preset button (1-5) briefly.

### ④ Cassette ejection

Press **⏏**.

### ⑤ Cassette loading slot

Insert the tape with side A or 1 facing up, the open side showing to the right.

## ⑥ Reversing the tape / Fast winding

### Reversing the tape/fast winding

Press **FR** and **FF** buttons at a time. TR1 or TR2 will be displayed.



### Fast winding

FR : fast rewind, press **FF** to stop  
FF : fast forward, press **FR** to stop

## ⑦ AF / TA

**AF** – Alternative frequency in RDS mode:

When “AF” is displayed, the radio’s RDS module is searching for a frequency offering the same programme in a better quality.

AF on/off: press button for about 1 second.

**TA** (Traffic Announcement = priority for traffic stations)

If “TA” is displayed, the radio will play traffic stations only.

Priority on/off: press button briefly.

## ⑧ 1, 2, 3, 4, 5 - preset buttons

You can store five stations for each of the memory banks I, II and T.

**To store a station:** Press a preset button during radio operation and hold down until the set resumes play (beep).

**To recall a station:** Select the desired memory bank and press the relevant preset button briefly.

## ⑨ KeyCard theft protection system

To operate the set it is necessary that the KeyCard is inserted.



### Inserting the KeyCard

With the KeyCard tongue sticking out of the unit, introduce the **KeyCard** into the slot **with the contact area showing up**.

To remove the card, press first to unlock.

Read also the information in chapter “KeyCard theft protection system”.

## Flashing KeyCard tongue

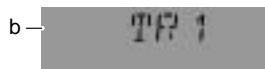
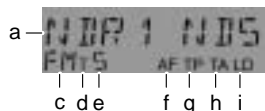
When the radio is turned off and the KeyCard removed, the KeyCard tongue can be programmed to flash for optical theft protection.

For more information see chapter “DSC programming”.

This flashlight can be switched off by pushing in the tongue and lock.

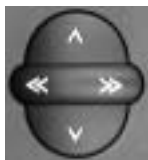
“WRONG KC” will briefly appear on the display and the set will switch off automatically.

## 10 Display



- a) NDR 1 NDS - Station name
- b) TR 1 - Track (side) 1 of the cassette
- c) FM - Waveband
- d) I, II, T - Memory bank I, II or Travelstore
- e) 5 - Preset button (1-5)
- f) AF - Alternative frequency for RDS operation
- g) TP - A traffic station is being received
- h) TA - Priority for traffic stations
- i) LD - Loudness on

## 11 Rocker switch



▲/▼ **Station search**

▲ Up

▼ Down

<</>> Up/Down in short intervals when AF is off

<</>> To scroll through the station networks when AF is on, e.g. NDR 1, 2, 3, 4, N-JOY, FFN, ANTENNE ...

### Extra rocker switch functions:

Further setting functions with

**AUD** <sup>12</sup>

**DSC Mode** <sup>12</sup>

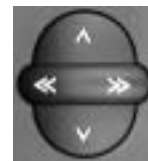
Condition: The corresponding function is activated.

## 12 AUD

To adjust the treble, bass, balance and fader.

If the display shows "TRE" or "BAS", you can adjust the reproduction of the treble and bass frequencies with the rocker switch. If "BAL" or "FAD" is displayed, you can set the balance (left/right) and fader (front/rear).

Briefly press **AUD** as many times as required and make the setting using the rocker switch.



▲ Treble + / Fader front

▼ Treble - / Fader rear

<< Bass - / Balance left

>> Bass + / Balance right

The last setting will be stored automatically.

To switch off AUD: Press button briefly again.

If the setting remains unchanged within 8 seconds, the display will switch back to the previous condition.

### Extra function AUD

Loudness - When listening at a low level, the Loudness function creates a more natural sound by boosting the low frequency range.

**Loudness on/off:** Press **AUD** for approximately 1 sec.

“LD” lights up in the display if the Loudness function is switched on.

Please refer to chapter “DSC programming” for more information on how to program the Loudness boost.

- 13 **DSC (Direct Software Control)**  
Use the DSC function to customise certain programmable, basic settings to suit your personal needs and preferences. See chapter “DSC programming” for more information.

## Important notes

### Precautions

Before starting to use your new car radio, please read the following information carefully.

### Traffic safety

Traffic safety always has the highest priority.

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 radio 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 radio.

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

Therefore, you should always select a moderate volume for playing your car radio 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 carefully the enclosed instructions on installation and connection.

In order to ensure that the set operates properly it is necessary that the positive power supply line is connected to the ignition and the permanent +12 V lead.

Do not ground the loudspeaker outputs!

### Accessories

Use only the accessories and spare parts approved by Blaupunkt.

### Second KeyCard

You can also operate your car radio with a second KeyCard.

Refer to chapter “KeyCard theft protection system” for more information.

You can purchase a second KeyCard at any specialised dealership.

# KeyCard theft protection system

This piece of equipment is supplied with one KeyCard, though you can also operate the set with a second KeyCard.

If you have lost your KeyCard or if it was damaged, you can buy a second / extra card from your specialised dealer.

When using a second KeyCard, the settings stored on the first card will be adopted. However, you can individually store the following functions:

Bass, treble, balance and fader settings, Loudness, TA (traffic announcement volume), beep volume, lo or dx.

In addition, the settings activated before switching the radio off, such as the station tuned in, TA priority, AF and RM ON/OFF will also remain stored.

This ensures that you will find your basic settings re-adjusted automatically as soon as you have inserted your KeyCard.

## Putting the unit into operation

- Turn on the set.

With the KeyCard tongue sticking out, introduce the **KeyCard** into the slot **with the contact area showing up**.

The car radio is now ready for operation. If a wrong KeyCard is inserted, then "CARD ERR" followed by "WAIT" will appear in the display. In this case please do not make any further adjustments.

The system will switch off after approximately 10 seconds.

When inserting another card type (e.g. phone or credit card), the display will show "WRONG KC" for approximately 2 seconds.

The set will switch off automatically.

Remove the wrong card and introduce the correct KeyCard.

- Turn the knob to switch on the set.

## Removing the KeyCard

**Never pull out the KeyCard directly!**

- First, slightly push in the KeyCard.

This releases the card and puts it in the proper position for being removed.

- Now you can pull it out.

## "Training" a second KeyCard/ Replacing a KeyCard

While operating the unit with the first KeyCard, you can "train" a second one to be also used with the set:

- Insert the first KeyCard and turn on the set.
- Press the **DSC** button and select "LEARN KC" with  $\wedge/\vee$ .
- Press << or >>.

The display will switch to "CHANGE".

- Push in the KeyCard. The card is released and put in the proper position for being removed.
- Remove the first KeyCard and insert the new one.

After the display indication "READY" or "LEARN KC",

- press **DSC**.

Now you can also use the new KeyCard for operating your unit.

A maximum of two cards can be used for the set.

When trying to "train" a third one, the access authorisation for the KeyCard not used for the "training" process will be deleted automatically.

## Displaying the radio pass data

Using the KeyCard supplied with your set you can have the radio pass data such as the model name, product number (7 6..) and serial number indicated on the display panel.

Please refer to chapter "DSC programming - READ KC".



## Selecting the audio source

Using the **SRC** button you can switch between radio and tape operation.

Tape operation is only available if a cassette is inserted.

To switch to another source,

- press **SCA/SRC** briefly.

### Short Additional Memory (S.A.M.)

Using the second KeyCard to be purchased at any specialised dealership, you can program a short text by selecting the DSC menu item READ KC. This text will be moved through the display and might be the telephone number of a car repair service or the emergency call number of your auto club.

Any specialised dealer with the proper equipment can program the desired text with up to a maximum of 162 characters onto the KeyCard.

### Turn On Message (T.O.M.)

Using the second KeyCard to be purchased at any specialised dealership, you can program the unit to display a selected "Turn On Message" after the set is switched on.

Any specialised dealer with the proper equipment can program the desired text with up to a maximum of 48 characters onto the KeyCard.

Each time you switch on your car radio using the second KeyCard, this text will appear in the display.

### Optical indication of anti-theft protection

#### Flashing KeyCard tongue

When the vehicle is stationary and the KeyCard removed, the KeyCard tongue can be switched to flash for extra anti-theft security.

For this it is necessary that the positive power supply line and the permanent +12 V lead are connected such as described in the installation instructions.

Be sure that "LED ON" is adjusted in the DSC mode.

If required, please refer to chapter "DSC programming - LED".

#### Switching off the flashlight

The flashlight can be switched off by pushing in the KeyCard and lock.

If you would like to deactivate the flashing tongue with general effect, adjust the relevant item in the DSC menu to "LED OFF".

### Care of your KeyCard

In order to ensure that the KeyCard always functions correctly, it is important for the contacts to be free from any foreign particles. Avoid direct skin contact.

If necessary, clean the KeyCard contacts using a cotton swab dipped in alcohol.

# Radio operation with RDS (Radio Data System)

The **Radio Data System** offers you more convenience when listening to FM radio stations.

More and more radio stations have begun to broadcast RDS information alongside their programmes.

As soon as programmes have been 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 offers you further advantages:

## AF - Alternative frequency

The **AF (Alternative Frequency)** function makes sure that the strongest frequency of the currently selected programme is always tuned in automatically.

This function is activated when “AF” appears in the display.

In order to switch this function on or off,

- press **AF/TA** for about 1 second.

While searching for the strongest reception signal, the radio may switch to mute briefly.

If “SEARCH” appears in the display when switching on the radio or recalling one of the stored frequencies, the unit is 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 been run through completely.

If the reception quality of the selected programme becomes too bad:

- 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 states of Germany Schleswig-Holstein, Hamburg and Lower Saxony at certain times of the day.

If you have tuned to a regional programme, you can select between **REG ON** and **REG OFF**:

**REG ON** – the radio keeps tuned to the current regional programme, even if the reception quality is getting poorer.

**REG OFF** – the radio automatically tunes to the regional programme offering the best reception quality (but maybe with local information for another service area).

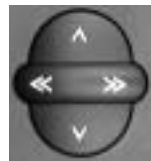
You can select **REG ON** or **REG OFF** in the **DSC** menu. For more information, refer to chapter “DSC programming - **REG ON/OFF**”.

## Station tuning

### Automatic tuning $\wedge/\vee$

- Press  $\wedge/\vee$ ; the car radio will automatically search for the next station.

When keeping the upper or lower part  $\wedge/\vee$  of the rocker switch depressed, seek tuning will speed up in upwards or downwards direction.



### Seek tuning

$\wedge$  Up

$\vee$  Down

$\ll$  Down in short intervals (“AF” must be switched off)

$\gg$  Up in short intervals (“AF” must be switched off)

## Manual tuning with << >>

You can also tune in a station manually.

Condition:

AF must be switched off (i.e. the symbol does not light up in the display).

If necessary, deactivate AF:

- Press **AF/TA** for about 1 second.

Manual tuning:

- Press << >>. The frequency will change in short intervals in downwards or upwards direction.

When holding the right or left part of the rocker switch depressed, the frequency scan is speeded up.

## Scrolling through the broadcasting networks

You can use the << >> buttons to tune in stations of your reception area.

If several programmes of the broadcasting networks can be received, you can scroll through them in forwards direction pressing >>, or backwards using the << button, e.g. NDR 1, 2, 3, 4, N-JOY, FFN, ANTENNE ... For this it is necessary that the stations have been tuned in at least once and that "AF" is active (lights up in the display).

For this purpose, start automatic tuning, e.g. using Travelstore:

- Press **TS/FM** for 1 sec.; the system starts to run through the frequency band. The display shows "T-STORE".

If "AF" does not light up,

- press **AF/TA** for approximately 1 sec.

This fulfils the requirements for selecting stations with << >>.

## Changing the memory bank

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

The currently selected memory bank is indicated in the display.

- Press the **TS/FM** button as many times until the desired memory bank lights up in the display.

## Storing stations

On FM, you can store five stations on the preset buttons **1, 2, 3, 4, 5** for each of the memory banks I, II and T.

- Select the desired memory bank.
- Tune in a station with the rocker switch (either automatically or manually).

- Press and hold down the desired preset button until the radio resumes play after the muting (takes approximately 1 sec., confirmed by beep).

Now the station has been stored.

The activated preset button is indicated in the display.

### Notice:

Should you tune in a station which has already been stored before, then the corresponding preset position will briefly flash in the display.

## Automatically storing the strongest stations with Travelstore

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

- Press the **TS/FM** button for 1 sec. "T-STORE" will appear in the display.

The five strongest FM stations will be automatically stored on the memory bank "T" (Travelstore). When this process has been completed, the radio will play the first station stored on preset 1.

If desired, stations can also be stored manually on the Travelstore bank (see “Storing stations”).

## Recalling stored stations

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

- Select the memory bank with **TS/FM**.
- Press the corresponding preset button briefly to recall the station.

## Scanning stored stations with Preset Scan

You can have all of the stored stations briefly scanned.

### To start Preset Scan:

- Press **SCA/SRC** for approximately 1 sec. until “SCAN” appears in the display.

All of the stored stations to be received in the selected waveband will be scanned one after the other. On FM, the radio will either scan the stations stored on memory bank I and II or T.

### To select a scanned station and switch off Preset Scan:

- Press **SCA/SRC** for about 1 second.

### Note:

If “TA” shows on the display panel, the system will scan the stored traffic stations only.

## Selecting the seek tuning sensitivity

You can alter the automatic seek tuning sensitivity.

If “lo” is displayed, the radio will only pick up strong, local stations.

If “lo” does not light up, the radio will also pick up weaker, distant stations.

Should you wish to alter the seek tuning sensitivity, refer to chapter “DSC programming – LO/DX”.

## Stereo - mono switching

The radio will only play in stereo if the stereo quality of the received station signal is sufficient. When the signal strength gets poor, the radio will gradually switch to mono.

You can select between stereo or mono sound in the DSC menu.

For more information, refer to chapter “DSC programming – STEREO/MONO”.

Each time the radio is switched on, stereo sound is activated automatically.

## Loudness

Adjusts the low bass frequencies for a more natural sound.

Switching Loudness on/off:

- Press the **AUD** button for approximately 1 sec.

When the Loudness function is active, “LD” will light up in the display.

See chapter “DSC programming” for more information.

# Receiving traffic programme stations with RDS-EON

EON stands for Enhanced Other Networks, meaning the exchange of information within a radio network.

Many FM broadcasters offer traffic messages for their service area at regular intervals. All traffic programme stations transmit a special carrier signal alongside their programmes, 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 programmes themselves, but by using RDS-EON they offer the possibility to receive the traffic messages broadcast by another traffic programme station in the same radio network.

If you wish 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.

When pressing **AF/TA** while a message is being broadcast, this message will be interrupted. The unit will then switch back to the previous condition. The priority for all other traffic messages remains active.

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

## Beep tone

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

This tone will also be released when pressing a preset button which has no traffic programme allocated to it.

## Switching off the beep tone

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.

Alternatively:

b) Switch off the priority for traffic announcements:

- Press **AF/TA**.  
"TA" will disappear from the display.

## Automatic seek tuning start

(tape operation)

When leaving the reception area of the tuned in traffic programme station while listening to a tape, the system will automatically start searching for a new TA programme.

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

# Cassette operation

## Adjusting the volume for traffic announcements and the beep tone

This volume was preset at the factory, though you can alter the value using the DSC function (see “DSC programming – TA VOL”).

You can also change the announcement and beep volume for the current message only.

Decreasing the volume:

- Press **AF/TA** briefly.

The usual volume boost is now disabled and you can alter the volume as desired. The priority is deactivated for the current message only.

Increasing the volume:

- Turn the knob ① ↻.

The car stereo has to be switched on.

The unit will automatically switch to tape operation when inserting a cassette.

## Inserting a tape

- Turn on the set.
- Insert a tape.  
Track A or 1 will be played.

During cassette operation, “TR 1” or “TR 2” (track) will appear in the display.

Insert the tape with side A or 1 facing up, the open side showing to the right.



## Ejecting a tape

- Press **△**.  
The cassette will eject.

## Fast winding

### Fast forward

- Press **FF** (fast forward).  
At the end of the tape the unit will automatically reverse the direction and start playing the other side.

### To stop fast forward

- press **FR**.

### Fast rewind

- Press **FR** (fast rewind).  
At the beginning of the tape the unit will start playback automatically.

### To stop fast rewind

- press **FF**.

### Fast winding

FR : fast rewind - press **FF** to stop.  
FF : fast forward - press **FR** to stop.



### Reversing the tape

Press **FR** and **FF** buttons at a time.  
TR1 or TR2 will appear in the display.

## Reversing the tape

To switch to the other side of the tape during playback,

- press **FR** and **FF** simultaneously.  
At the end of the tape the unit will automatically reverse to the other side (autoreverse).  
The display shows “TR 1” for track (side) 1 or “TR 2” for track 2.

**Notice:**

If there is too much tension on the tape during playback, the set may reverse the direction by itself before having reached the end of the tape side. In this case check the condition of the cassette tape. Sometimes it helps to rewind it completely.

**Listening to the radio during fast tape winding with RM (Radio Monitor)**

During fast winding of the tape, i.e. when the radio is normally muted, you can use the RM function to listen to the radio.

For more information please refer to chapter "DSC programming – RM ON/OFF".

**Care notes**

To avoid possible problems, we recommend you to use C-60/C-90 type cassette tapes only. Store your tapes in a cool place away from dirt, dust and temperatures exceeding 50 °Celsius. Allow very cold tapes to warm up before playing them in order to avoid uneven tape transport. After approximately 100 hours of use, dust particles collected on the playback head or roller may lead to tape run problems and sound distortions.

Use a head cleaning tape to remove normal dirt build-up. For tougher cases, use a cotton swab (Q-Tip) dipped in alcohol. Do not attempt to clean by inserting a hard object into the player!

# DSC programming

DSC (Direct Software Control) allows you to customise certain programmable, basic settings to suit your personal needs and preferences and then store them.

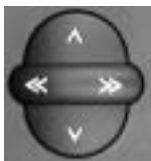
The basic settings for this audio equipment were made at the factory.

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

If you wish to alter any of the programming,

- press **SCA/SRC** to select one of the operating modes radio or cassette (cassette must be inserted).
- press **DSC**.

Use the rocker switch to select and adjust the functions described in the following. The display will show you the adjusted condition.



^/∨ Select function  
<< >> Adjust/recall value

**REG ON/OFF** REG ON – regional function is switched on.

REG OFF – regional function is switched off.

Refer to “Radio operation with RDS / REG - regional programme”.

**RM ON/OFF** (Radio Monitor)

Allows you to listen to the radio during fast winding of the tape.

RM ON – Radio playback activated.

RM OFF – Function deactivated.

**READ KC** To read out the KeyCard data.

The KeyCard supplied with the radio is used to display the model name, type number (7 6..) and the serial number.

Using the second KeyCard to be purchased at any specialised dealership it is possible to display the Short Additional Memory (S.A.M.) data entered by the dealer.

See chapter “Short Additional Memory S.A.M.”.

**LEARN KC** To “train” a second Key-Card.

Please read the information in chapter “KeyCard theft protection system - Training a second KeyCard”.

**LED ON/OFF** You can choose between LED ON or LED OFF. With LED ON, the KeyCard tongue will flash for extra anti-theft protection when the unit has been switched off and the KeyCard removed.

**BEEP** Acknowledgement tone for all functions which require a button to be pressed for more than 1 second. The volume can be adjusted from between 0 to 9. (0 = off)



**TA VOL** To adjust the traffic announcement and beep tone volume from between 0 to 63.  
The message will then come through at this volume, if the volume adjusted for the program is lower.  
If the program volume is higher than the TA VOL level, the traffic report will be played slightly louder.

**LOUDNESS** When listening at a low level, the Loudness function creates a more natural sound by boosting the low frequency range.  
LOUD 1 - Low boost  
LOUD 6 - Max. boost

**STEREO/MONO**  
You can select between stereo or mono sound.

**LO/DX** To adjust the seek tuning sensitivity for local or distant stations.  
LO - local stations  
LO 1 - high sensitivity  
LO 3 - normal sensitivity  
DX - distant stations  
DX 1 - high sensitivity  
DX 3 - normal sensitivity

**To quit the DSC programming mode and store the adjustment:**

- Press **DSC**.

The DSC programming mode will be automatically quit 8 seconds after having made the last adjustment.

**Overview of DSC factory settings**

REG	OFF
RM	OFF
READ KC	-
LEARN KC	-
LED	ON
BEEP	4
TA VOL	35
LOUDNESS	3
	STEREO
DX	1

**Specifications**

**Amplifier**

Output power: 4 x 23 W RMS power acc. to DIN 45324 at 14.4 V  
4 x 35 W max. power

**Tuner**

Wavebands:  
FM : 87.5 – 108 MHz

FM sensitivity: 1.0 µV at 26 dB signal-to-noise ratio

FM frequency response:  
35 - 16 000 Hz

**Tape player**

Frequency response:  
40 - 15 000 Hz

Subject to modifications!

## **Blaupunkt telephone hotline**

### **Address of the next service centre in your vicinity (only for Germany)**

If you would like to know the address of the next Blaupunkt service centre of your area without having our service list at hand:

- Find out your area code.
- Then call the following chargeable phone number: **01 80 / 5 25 56 66**.
- Using the area code to be entered you will be automatically given the address and phone number of the next Blaupunkt service centre. You can also request this information by fax.



**Blaupunkt-Werke GmbH**  
**Bosch Gruppe**

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