Freiburg RCM 148
Siena RCM 148
Louisiana RCM 148
Kingston DJ
St. Louis DJ

Operating instructions

BLAUPUNKT

Bosch Gruppe

RCL

R·D·S

ON

4x35W DMS

CLOCK SRC BC

FR FF

FM1EUROPE 1 CD

AF PTY TP LD

BLAUPUNKT

AF·TA PTY TS BA

1 2 3 4 5 6

RPT MIX DIS

DSC AUD

Display

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

Display field 1:

Radio mode

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

Cassette mode

CAS - cassette inserted

Changer mode

Current track

Audio

Numeric and graphic representation of the volume and audio settings.

DSC

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

Display field 2:

Radio mode

Radio frequency or station name
PTY programme type

Cassette mode

TAPE1/TAPE2 - side of tape being played.
Displays active function.

Changer mode

CD number being played by changer.
CD time (elapsed time)
Brief indication of functional changes

DSC

Serves as display and entry field during DSC programming
Clock display

Miscellaneous

Indicates new source (e.g. when changing from radio to cassette)

Display field 3:

Displays active functions.

⊙ - Stereo
▣ - Cassette inserted
DISC - CD changer connected
LD - Loudness

Radio mode

AF - RDS alternative frequency
PTY - RDS programme type
TA - Priority for traffic information
TP - Traffic programme station
lo - Seek tuning sensitivity

CD changer mode

RPT - Repeat function
MIX - Titles played at random

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Contents

Quick reference

1. **REL**
   To release the detachable panel (theft protection).
   Press this knob and remove the release panel.

2. **ON - Power up/down**
   Press this button to turn the equipment on. It will play at the preset volume. If you press this button briefly during radio reception, the volume will turn down instantly (MUTE).
   This function is cancelled by pressing the ON button again. You can programme the mute volume (refer to "DSC programming").
   Press the button for about 2 seconds to turn the unit off.

   Switching on/off via the ignition:
   If the set has been connected correspondingly, it can also be turned on and off with the vehicle ignition.
   Press the ON button to keep on operating the set when the ignition is switched off.
   The set will switch on. To avoid that the battery goes flat, the system will be turned off automatically after one hour of playback.

3. **Volume knob**
   Turn the knob to set the volume.

4. **⏏ Eject**
   Press this button to eject the cassette.

5. **Cassette slot**
   Insert the tape into the slot with the open side showing to the right. The tape will be played in the direction previously selected.

6. **Display**
   Displays all settings, operating modes and functions.

7. **FR Fast Rewind**
   To fast rewind the tape.

8. **FF Fast Forward**
   To fast forward the tape.

7. + 8. **Reversing the tape (PROG)**
   Press both buttons simultaneously.

9. **Rocker switch**
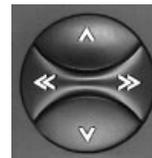
Radio mode

ʌ / v **Seek tuning**
ʌ   Up
v   Down
<</>> Up/down in short intervals (on FM only if „AF" is off)

For FM only:
<</>> Scrolling through the broadcasting networks, if AF is on. Example: NDR 1, 2, 4, N-Joy, FFN ...

Changer mode

Optional:
Freiburg RCM 148, Siena RCM 148, Louisiana RCM 148

Included:
Kingston DJ, St. Louis DJ

Select CD
   ʌ   Up
   v   Down

Select title

⯈⯈ **Up:** press briefly
  CUE - fast forward (audible): hold button down.

⯇⯇ **Down:** press two or more times briefly
  Repeat title: press briefly.
  REVIEW - fast reverse (audible): hold button down.

Extra function of rocker switch:
For additional settings use
AUD   ㉒
DSC-MODE   ㉑
PTY   ⑫
Requirement: The respective function is activated.

⑩ **SRC/SC**
(**SRC** = audio **sourc**e, **SC** = **sc**an)
Press button briefly to select the operating mode (tuner, cassette, changer). The active mode appears in the display.
Press **SRC/SC** longer to select the SCAN function (samples radio stations and titles).
Use DSC programming to set the scan time.

Radio mode
Press **SRC/SC** longer.
The radio will scan all receivable FM stations. "SCAN" and the station name appear on the display one after another.

PTY Scan
PTY Scan can be started if PTY is on ("PTY" will be displayed).
The radio will scan all stations broadcasting the selected programme type.

Changer mode
Press **SRC/SC** longer.
"SCAN" will be displayed.
To stop CD Scan: Press **SRC/SC** again.

⑪ **AF·TA**
Alternative **F**requency in RDS mode:
TA (**T**raffic **A**nnouncement = priority for traffic programs)
If "AF" is displayed, the radio will automatically search for a radio frequency offering the same programme in a better quality (using RDS).

TA on/off:
Press **AF·TA** briefly: "TA" will be displayed, priority for traffic programs activated.

Press **AF·TA** briefly: TA off.
"TP" will be displayed when a traffic programme is played.

AF on/off:
Press **AF·TA** longer: a beep will be emitted; "AF" appears.
Press **AF·TA** longer: a beep will be emitted; "AF" disappears.

⑫ **PTY** (**P**rogramme **Ty**pe)
You can select among various programme types. Using the rocker switch << >> it is possible to recall all PTY programme types, if PTY is activated ("PTY" lights up in the display).

⑬ **BA/TS**
Switches between the wavebands/memory banks FM1, FM2, FMT (Travelstore), MW and LW *(Freiburg RCM 148, Kingston DJ without MW, LW)*.

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

�14...�19 **- Preset buttons 1 to 6**

<u>Radio mode</u>

You can store six stations in each memory bank (1, 2, and "T").
On MW and LW you can store six stations each *(except for Freiburg RCM 148, Kingston DJ)*.
Store station - hold down a preset button in radio mode until a beep is emitted.
Recall station - select a waveband and also the memory bank on FM; press the relevant preset button briefly. The selected preset button will briefly appear in display field 1 (e.g. P1).

<u>Changer mode</u>

3/Ⅱ▶ - Pause
Interrupts CD play. "PAUSE" appears. Press button again to restart CD play.

4/RPT
Repeat title: press **4/RPT**. "REPEAT-T" appears briefly. The title will be repeated until **4/RPT** is pressed again.
Repeat CD: select "REPEAT-D".
Switch REPEAT-D on:
• Hold **4/RPT** down until a beep is emitted.

5/MIX
"MIX CD" plays the titles of one CD in random order.
"MIX ALL" plays the titles of all CDs of one changer magazine in random order.
To turn MIX on/off:
Press **5/MIX** briefly.
The current setting is briefly indicated in the display: "MIX-CD".
Switch MIX-ALL on:
• Hold **5/MIX** down until a beep is emitted.

Ⅹ20 🕒 **DIS - clock display**

<u>Radio mode</u>

Press this button briefly and the time will be displayed for a while.

<u>Changer mode</u>

Press this button to switch the display between CD number and CD time indication.

<u>Cassette mode</u>

Press this button to switch the display between the cassette direction and clock indication.

Ⅹ21 **DSC** **D**irect **S**oftware **C**ontrol
Adjusts programmable basic settings. Refer to "DSC programming".

Ⅹ22 **AUD**
Default settings for treble and bass
You can store different settings for the FM, MW, LW, cassette and CD mode *(Freiburg RCM 148, Kingston DJ without MW, LW)*.

Setting the tone:
Select the audio mode. Press **AUD** once and set the tone using the rocker switch.

Treble:
Λ   Treble +
V   Treble –

Bass:
≪   Bass –
≫   Bass +

Press **AUD** twice and set the fader using the rocker switch.

Λ   Fader front
V   Fader rear
≪   Balance left
≫   Balance right

The selected values will appear in the display. The last setting is stored automatically.

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Important notes

Switching AUD off
Press button briefly.
If you do not change the tone within 8 sec., the AUD mode will quit automatically.

Extra function: LD
Loudness boosts the bass frequency at low volume.
Press AUD longer than 2 seconds to change the Loudness setting. "LD" will appear.

What you need to know

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

Traffic safety

As the driver of a motor vehicle, it is your responsibility to pay attention to the traffic situation at all times.
Never use your car 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 the vehicle, such as police or fire engine sirens, so that you can react accordingly.
Consequently, you should always select a moderate volume for playing your car 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 the enclosed instructions on installation and connection carefully.
In order to ensure that the set operates properly the positive power supply line must be connected via the ignition and the permanent +12 V lead.
Do not ground the loudspeaker outputs!

⚠ Warning note

Danger of damaging the automatic power antenna in a car wash

Before you drive into a car wash
*   switch the radio off by pressing the ON button.
    The power antenna will retract, if it doesn't, press ON again.
Do not drive into the car wash unless the power antenna has retracted!

Clock

This car radio is equipped with a built-in clock.

Display priority:
To switch the display priority, press the ⏲ button until you hear a beep. Press as many times until the desired display mode is active (not during radio reception).

Radio mode
Press the ⏲ button briefly to display the clock.

Cassette mode
Press this button to switch the display between the cassette direction and clock indication.

Changer mode
Press the ⏲ button briefly to switch the display between the CD number, playback time and clock indication.

Setting the clock

- Press **DSC** briefly.
- Press ∧/∨ to selection the "CLOCK-SET" function.
- Press << >> to set the hours or minutes. The adjustable option will flash in the display.
- Press ∧/∨ to adjust the flashing value.
- After you have set the clock, press DSC briefly to store the new setting.

Release panel

Theft protection

This unit is equipped with a detachable control panel. A car radio without control panel is worthless for thieves.

Protect your car radio and detach the control panel when you leave your car. It is very easy to attach and detach the release panel thanks to its specific design.

Note:
Do not pull the release panel straight out from the chassis, but detach it as illustrated below. Be sure not to drop the panel.
Do not expose the release panel to direct sunlight or other heat sources.
Do not leave it in a humid place.

Detaching the release panel
Press the **REL** button to release the control panel. Then pull it off gently as illustrated.
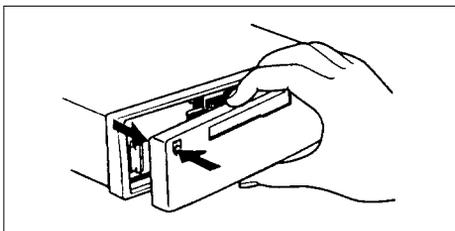
If the set was still in operation, it will turn off now. All current settings remain stored. If a cassette is inserted, it will be kept in the set. The radio will turn on automatically when you attach the release panel again.

Attaching the release panel
Slide the panel (B) from the left to the guide of the chassis (A). Gently push the left side of the panel against the front of the chassis until it snaps into place.

Fixing the release panel

If you wish to fix the release panel permanently to the chassis, screw down the enclosed bolt at the left hand side of the chassis into the hole (C), see Fig.
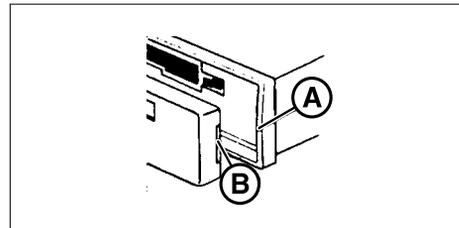
Selecting the audio mode
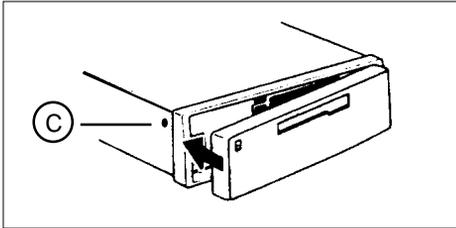
Use the SRC/SC (**s**ou**rc**e) button to select between radio, cassette and CD mode.

The CD mode is not available unless a CD changer is connected.

To select the operating mode:

• Press **SRC/SC**.

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

The **R**adio **D**ata **S**ystem will enhance your enjoyment when you listen to FM radio stations.

More and more radio stations broadcast RDS information along with their regular programming.

As soon as a programme has 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 (**A**lternative **F**requency) function makes sure that the radio always tunes into the strongest frequency of the currently selected programme automatically.

This function is activated when "AF" appears in the display.

In order to switch this function on or off,

• press the **AF·TA** button until a beep is emitted.

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

If "SEARCH" appears in the display when the radio is switched on or one of the stored frequencies recalled, the unit is already automatically searching for an alternative frequency.

"SEARCH" will disappear from the display when the alternative frequency has been found or after the frequency band has run through completely.

If the reception quality of the selected programme deteriorates beyond a certain point:

• Tune into another station.

REG - regional programme

Certain radio programmes are split up at times into regional programmes offering local information. The 1st programme broadcast by NDR, for example, offers programmes with different contents in the northern German states of Schleswig-Holstein, Hamburg and Lower Saxony at certain times of the day.

If you are listening to a particular regional programme and wish to continue doing so, select "REG ON" in the DSC mode.

If you leave the service area of the regional programme you are tuned into, or if you would like to take advantage of full RDS service, switch to "REG OFF" in the DSC mode.

Selecting a waveband

With this car radio you can select between the following wavebands:

FM 87,5 - 108 MHz
MW 531 - 1602 kHz
LW 153 - 279 kHz
(Freiburg RCM 148, Kingston DJ without MW, LW).

• Select the desired waveband by pressing the **BA/TS** button.

Station tuning

Automatic seek tuning ∧/∨

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

If you hold ∧/∨ pressed up or down on the rocker switch, seek tuning will speed up in the upwards or downwards direction.
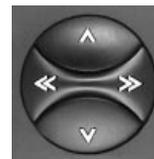
Automatic seek tuning
∧   Up
∨   Down
<< / >> Up/down in short intervals
(on FM only if "AF" is switched off)

Manual tuning with << >>

You can also tune into a station manually.

Requirement:
AF and PTY must be switched off (i.e. the symbols do not light up in the display).

If necessary, deactivate these functions:
- Press **AF·TA** or **PTY**.

Manual tuning:
- Press << >>; the frequency will change in short intervals in the downwards or upwards direction.

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

Scrolling through the broadcasting networks (FM only)

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

To do this, you can start the Travelstore seek operation:
- Press **BA/TS** for 2 seconds; the system will start to run through the frequency band.

If "AF" is not lit up,
- Hold **AF·TA** down. A beep sounds and "AF" appears.

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

Switching between the memory banks (FM)

You can switch between the memory banks 1, 2 and T in order to store stations and recall them later.
The currently selected memory bank appears in the display.
- Press the **BA/TS** button as many times as necessary until the desired memory bank lights up in the display.

Storing stations

On FM, you can store six stations on the preset buttons **1, 2, 3, 4, 5, 6** for each of the memory banks (1, 2, T).

On MW/LW, you can also store six stations each *(Freiburg RCM 148, Kingston DJ without MW, LW).*

- Select the appropriate waveband by pressing **BA/TS**.
- Tune in a station with the rocker switch (either automatically ∧/∨ or manually << >>).
- Press the desired preset button until the radio resumes play after the muting (takes approximately 2 seconds, confirmed by a beep).

Now the station has been stored.
The display will indicate which preset button is currently activated.

Automatically storing the strongest stations with Travelstore

You can automatically store the six most powerful FM stations in your current reception area sorted according to their signal strength. This function is particularly convenient on longer trips.
- Press the **BA/TS** button for 2 seconds.

"T-STORE" will appear in the display.

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

If desired, stations can also be stored manually in the Travelstore bank (see "Storing stations").

Recalling stored stations

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

- Select the waveband by pressing **BA/TS**. For FM, also choose the corresponding memory bank by pressing the **BA/TS** button as many times as necessary until the desired bank appears in the display.
- Press the corresponding preset button briefly to recall the station.

Scanning stations with Radio Scan

You can scan through all of the stations in your reception area.

To start the Scan function:
- Press **SRC/SC** longer.

The scanned frequency or the station name will start flashing in the display.

During the actual scanning process "SCAN" will appear in the display.

To select a scanned station and switch off the Scan function:
- Press **SRC/SC** briefly.

If no station is selected, scan will start again.

Changing the scan time

The scan time can be selected from between 5 to a maximum of 20 seconds.

If you would like to alter the scan time, please refer to the section on "DSC programming - SCANTIME".

Selecting the automatic tuning sensitivity

You can alter the automatic tuning sensitivity.

If "lo" is displayed, the radio will only pick up strong, local stations (low sensitivity).

If "lo" does not light up, the radio will also pick up weaker, more distant stations (high sensitivity).

If you would like to alter the sensitivity level please refer to the section on "DSC programming – SENS".

PTY - Programme Type

PTY is an RDS service offered by an increasing number of broadcasting stations. This feature allows you to select FM stations according to their programme type.

After you have chosen the PTY of your preference, the corresponding stations can be selected either by seek tuning or using the scan function.

Programme types

Turn PTY on.

Use << >> to have the last selected programme type displayed and to choose a new one.

You can select any one of the stored types with the preset buttons 1-6.

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

WEATHER

FINANCE

TRAVEL

HOBBIES

JAZZ

COUNTRY

NEWS

INFO

SPORT

CULTURE

SCIENCE

VARIED

POP MUSIC

ROCK MUSIC

CLASSICS

Switching PTY ON/OFF

• Press **PTY**.

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

Checking the programme type of the station

• Press **PTY** for approximately 2 seconds.

After the beep tone the display will show the programme type offered by the tuned in station. If "NONE" appears in the display, the current station has no PTY code.

Displaying the selected programme type

• Press << or >>.

The programme type selected last will be displayed briefly.

Selecting a programme type

a) Using the preset buttons

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

• Press one of the presets 1-6.

The selected programme type will be displayed for 2 seconds.

If you would like to listen to a station with this PTY,

• press ∧/∨ to start the seek tuning function.

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

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

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

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

• Press << or >>; the programme type selected last will be displayed for 3 seconds.

• During this period press >> (forwards) or << (backwards) to select the desired type.

• Press << or >> as many times as required.

If you would like to listen to a station with the selected PTY,

• press ∧/∨ to start the seek tuning function.

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

Storing programme types

Each of the preset buttons 1-6 has been assigned one programme type at the factory.

If desired, you can also replace these with other available programme types.

To do so, make sure that "PTY" lights up in the display.

- If necessary, press the **PTY** button to switch on the function.
- Select a programme type using buttons << >> and
- hold down the desired preset button (1-6) until you hear a beep.

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

Scanning stations with PTY SCAN

Requirement: "PTY" must appear in the display.

- Press the **SRC/SC** button until you hear a beep.
  All of the stations in your current reception area offering the selected programme type will be scanned.

To switch off PTY-SCAN:

- Press **SRC/SC** or the seek-tuning rocker switch once again.

PTY priority

Situation:

PTY is switched on and lights up in the display.

No station offering the selected programme type can be found currently in your reception range (with seek tuning or scan).

The set will switch back to the station previously tuned into.

As soon as it is possible to receive a programme in the broadcasting network with the PTY selected, the radio will switch over to the corresponding station for the duration of the programme.

Example:

German broadcasting network NDR:

- Station playing: NDR3.
- "PTY" lights up in the display.
- Programme type "POP" selected.
- Seek tuning is started.
- No station with "PTY-POP" can be found.
- The display shows "NO PTY" and
- automatically switches back to NDR3.
- NDR2 airs a "PTY-POP" programme.
- The radio will switch to the linked station NDR2 for the duration of the "POP" programme.

During cassette or CD operation, the set will also switch to the programme offering the selected PTY within the broadcasting network.

After the PTY programme has ended the system will switch back to the previous mode (radio, cassette or CD).

Note:

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

Traffic programme station reception with RDS-EON

The abbreviation "EON" stands for **E**nhanced **O**ther **N**etworks, which means that information is exchanged within a radio network.

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

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

In addition to these, there are also stations which do not actually transmit traffic information themselves, but by using RDS-EON it is possible for them to forward the traffic messages broadcast by another traffic programme station in the same radio network.

If you want to have the priority for traffic announcements activated while listening to one of these stations (e.g. NDR4), "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 (NDR4) 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. "TA" appears.

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

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

Warning beep

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

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

Switching the warning beep off

a) Tune into another station offering traffic information:

• Press the rocker switch or

• press a preset button which has a traffic programme station allocated to it.

Alternatively:

b) Switch off the priority for traffic announcements:

• Press **TA**.
"TA" will disappear from the display.

Automatic seek tuning start
(Cassette and CD changer operation)

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

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

Cassette deck operation

Adjusting the volume for traffic announcements and the warning beep

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

Cassette playback

Insert the tape into the slot with the open side showing to the right.
Press **SRC/SC** to select the tape deck mode. "TAPE 1" or "TAPE 2" will appear. The tape will be played in the direction previously selected.

Cassette eject

Press ⏏ to eject the cassette.

Fast winding

Press the **FF** or **FR** button to fast forward (FF) or fast rewind (FR) the tape during cassette operation: "FORWARD" or "REWIND" lights up in the display.
When the end of the tape is reached with fast winding, the tape direction will change and the other side of the tape will be played. With "Radio Monitor ON" during fast winding you can listen to the radio programme previously selected. It is possible to change the Radio Monitor setting in the DSC mode. (Refer to "DSC programming - RM").

Reversing the tape

To change the tape direction during cassette playback:
• Press **FR/FF** simultaneously.
The display shows "TAPE 1" or "TAPE 2" for the selected tape side.

Traffic information during cassette playback

The **T**raffic **A**nnouncement function (priority for traffic programmes) makes it possible to receive traffic information during cassette playback. If a traffic message is broadcast, cassette playback will stop and the message reproduced.
This function is active, if "TA" lights up in the display.
• Press the **AF·TA** button briefly to activate TA.

CD changer operation

Optional:
Freiburg RCM 148, Siena RCM 148, Louisiana RCM 148

Included in delivery:
Kingston DJ, St. Louis DJ

This piece of equipment offers you convenient control of a Blaupunkt CD changer CDC-A 08/CDC-A 072.

If the CD changer is connected, the ⚊ symbol lights up in the display.
The changer is equipped with a magazine for 10 discs.

Note:
Use only perfectly circular CDs with a diameter of 12 cm.
CDs with a diameter of 8 cm or CDs manufactured in the shape of a mug, for example, are not suitable for use with this equipment.
Using such CDs can very likely result in the destruction of the CD and the CD drive.
We assume no responsibility for damages caused by using unsuitable CDs.
After you have inserted the magazine, keep the door of the magazine closed to prevent contamination.

Switching to the CD changer mode

Make sure that at least one CD has been inserted into the magazine.
Press **SRC/SC** to change the audio source:
• Press **SRC/SC** repeatedly until the CD functions appear in the display.

Inserting a CD

Insert one or several CDs into the magazine (printed surface facing up).
Slide the magazine into the CD changer in the direction of the arrow.
The CDs are counted from bottom to top.

Ejecting a CD

Open the door of the CD changer and press the eject button.

CD playback

Press **SRC/SC** to select the CD changer.
• Press **SRC/SC** repeatedly until "CHANGER" appears in the display.
CD playback starts with the first CD identified by the changer.

Selecting a CD

When CD playback starts, all active CD functions and the CD number light up in the display.
To change the display between CD number and elapsed time indication, press ⏱ during CD playback.
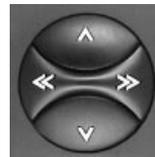
∧/∨   **CD selection**   ∧ Up
                        ∨ Down

The CD number being played appears in the display.

Selecting a title
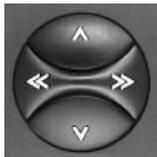
≫ **Up:** Press briefly.
CUE - fast advance (audible):
Hold button down.

≪ **Down**: Press two or more times briefly.
To re-start a title: Press briefly.
REVIEW - fast reverse (audible):
Hold button down.

Press the button repeatedly to skip several titles.

The number of the selected title appears beside "T" (track).

SCAN

Use this function to scan all of the CD tracks.

To start the Scan function:

• Hold down **SRC/SC** until "SCAN" appears.

All titles of the CD will be scanned one after the other in ascending order.

To stop the Scan function:

• Press **SRC/SC** briefly.

The track currently scanned will continue to play.

The SCAN function will also be cancelled by pressing any other button, except for the volume controls and the AUD and ON buttons.

RPT

CD titles can be played repeatedly.

The following options are possible:

- Repeat the current title ("REPEAT-T") or
- Repeat the CD, i.e. all titles of the current disc ("REPEAT-D").

"RPT" appears in display field 3 as long as RPT is active.
"REPEAT-T" or "REPEAT-D" lights up briefly in display field 2 when you activate this function and each time the title changes.

Switch REPEAT-T on:

• Press **4/RPT** briefly.

Switch REPEAT-D on:

• Hold **4/RPT** down until a beep is emitted.

MIX

You can have the CD titles played in random order.

The following options are possible:

- Mix all titles of one CD ("MIX-CD") or
- Mix all titles of all CDs ("MIX-ALL").

"MIX" appears in display field 3 as long as the MIX function is active.
"MIX-CD" or "MIX-ALL" lights up briefly in display field 2 when you activate this function and each time the title changes.

Switch MIX-CD on:

• Press **5/MIX** briefly.

Switch MIX-ALL on:

• Hold **5/MIX** down until a beep is emitted.

DSC programming

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

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

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

If you wish to alter any of the programming,

• press **DSC**.

"MENU ∨/∧" will light up in the display.

Use the ∨/∧ buttons of the rocker switch to select the function you wish to change. The display will show you the setting you have selected. Press the << >> buttons of the rocker switch to change the values. Confirm the setting you have selected by pressing the **DSC** button.
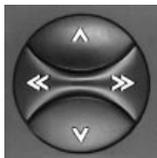
∧/∨	Select function
<< >>	Adjust/recall value

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

TA VOL The traffic announcement and warning beep volume can be set between 0 to 66. The message will then come through at this volume, if the standard volume is lower.
If the standard volume is set higher than the TA VOL level, then the traffic report will be played at the standard volume.

REG Regional function on/off.

SENS DX1 To adjust the seek tuning sensitivity.
"LO" stands for local reception.
"DX" stands for distant reception.
Select "LO 3" if you want to receive strong stations in the local area, select "DX 1" if you want to tune into weaker stations which are further away.

CLOCK 24 To switch between 12-h and 24-h clock display.

CLOCKSET To set the clock manually. Press << >> to select hours/minutes. Press ∧/∨ to adjust the flashing value.

ON VOL To set the turn-on volume. Press << >> to adjust the turn-on volume as desired.

MUTE To change the mute volume.

BEEP X To change the volume of the acknowledgement tone (beep) between 0 and 9.
(0 = off)

RM OFF Radio Monitor
If the Radio Monitor function is active during fast winding of the tape, the set will switch to the radio and play the station previously received.

40

SCANTIME	Use this function to set the scan time for the radio or CD player from 5 to 20 seconds.
AUX	Select AUX ON if you wish to connect a Discman or Walkman instead of the CD changer. Contact your dealer for more information.
DISPLAY	ON/OFF
	Display indications on or off with the car radio turned off.

Overview of the DSC factory settings

LOUDNESS	3
TA VOL	40
REG	OFF
SENS	DX1
CLOCKTYPE	CLOCK 24
CLOCKSET	
ON VOL	20
MUTE	10
BEEP	3
RM	OFF
SCANTIME	10 sec.
AUX	OFF
DIS	OFF

Appendix

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
MW   531 – 1602 kHz
LW   153 – 279 kHz
(Freiburg RCM 148, Kingston DJ without ML, LW).

FM frequency response:
35 - 16 000 Hz

Cassette

Frequency response:
35 - 16 000 Hz

CD player

Optional:
Freiburg RCM 148, Siena RCM 148, Louisiana RCM 148

Included:
Kingston DJ, St. Louis DJ

Frequency response: 20 - 20 000 Hz

Subject to modifications!

Blaupunkt-Werke GmbH
Bosch Gruppe

C E