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Thank you for deciding to use a Blaupunkt product. We hope you enjoy using this new piece of equipment.

Please read these operating instructions before using the equipment for the first time.

The Blaupunkt editors are constantly working on making the operating instructions clearer and easier to understand. However, if you still have any questions on how to operate the equipment, please contact your dealer or the telephone hotline for your country. You will find the hotline telephone numbers printed at the back of this booklet.

We provide a manufacturer guarantee for our products bought within the European Union. You can view the guarantee conditions at www.blaupunkt.de or ask for them directly at:

Blaupunkt GmbH
Hotline CM/PSS 6
Robert Bosch Str. 200
D-31139 Hildesheim
Germany

In traffic
Adjust the volume to a level that does not distract your attention from the road.

Car washing
Never expose the product to water or very damp conditions, as this can result in short circuits, fire or other damage.

Parking
Avoid leaving your car exposed to strong sunshine, as this can cause very high temperatures to develop inside. Allow the inside of your car to cool down before switching the equipment on.

Correct power supply
This equipment is designed for operation from a 12 Volt DC battery system with a negative ground connection (the usual system in US vehicles).

Protecting the disc mechanism
Never insert any foreign objects into the player’s opening, as this can easily damage the delicate mechanical parts inside the equipment.
Servicing by an authorised Service Centre
Do not attempt to dismantle this precision equipment or to repair it yourself. Please have the equipment serviced at one of the Service Centres on the list included with this product.

Fitting
Mount the equipment so that it has a horizontal orientation. For convenience, the front may be tilted upwards at an angle of at most 30°.

⚠️ WARNING:

The mobile DVD player is a Class I laser product generating a visible or invisible laser beam of a potentially hazardous type. The mobile DVD player must only be operated in accordance with the specified instructions. The use of operating elements, adjustment options or functions that are not described in this handbook can result in exposure to hazardous radiation.

Never open the housing, and do not attempt to perform repairs yourself. Any servicing should be carried out by trained personnel.

Warning:

- Minimise the risk of fire or the danger of electrical shock by never exposing this equipment to water or moisture.
- Only use recommended accessories. This will again reduce the risk of fire or the danger of electrical shock, and will avoid interference.
- The equipment is designed for continuous operation. The product contains components and uses techniques protected by specific US patents. The intellectual property is owned by the Macrovision Corporation and other patent holders. The use of this protected technology must be approved by the Macrovision Corporation. It is licensed only for private use, or for showing under other limited circumstances, unless approval for other uses has first been granted by the Macrovision Corporation. Reverse engineering or dismantling the equipment are not permitted.
**FUNCTIONS**

**COMPATIBLE WITH PAL DVD (VIDEO CD) AND NTSC DVD (VIDEO CD)**

You can use this equipment to replay discs that were recorded in either PAL or NTSC-TV format.

All the functions that are important for DVD replay, including an MPEG2 decoder, video D/A converter and audio decoder have been integrated into a single LSI chip designed for this equipment.

There is an analog L/R (RCA) stereo output for connecting existing headphone amplifier inputs. The video output is a mixed video signal (RCA).

Software is included for the multi-function remote control (multilingual audio function/subtitles, multi-angle function), as well as for all the basic functions.

**Note:**
Horizontal picture interference may occur in connection with 16:9 monitors with NTSC timing.

**REGION MANAGEMENT INFORMATION**

Region Management Information: This mobile DVD player has been designed in such a way that Region Management Information stored on a DVD can be used. If the region number assigned to a DVD does not match the region number of the mobile DVD player, the disc cannot be played on this equipment.

The regional code for this product is printed on the label attached to the unit.

**DISC FORMATS SUPPORTED BY THIS PLAYER:**

- **DVD**
  - 12 cm disc / 8 cm disc
  - (only discs written on one side)

- **VIDEO CD**
  - 12 cm disc / 8 cm disc

- **CD**
  - 12 cm disc / 8 cm disc

**THE FOLLOWING DISCS ARE NOT SUPPORTED BY THIS PLAYER:**

- DVD-ROM
- DVD-R / DVD-RAM
- CD-RAM
- CDV
- CD-G
- Photo CD
- DVDs with a different regional code.

**HANDLING AND CLEANING**

- Dirt, dust, scratches or warped discs can cause incorrect function.
- Do not put any adhesive labels on discs, and avoid scratching them.
- Discs must not be bent.
- Minimise damage by always keeping your discs in their protective envelopes.
• Do not keep discs in any of the following places:
  1. Where there exposed to direct sunshine.
  2. Dirty, dusty or damp locations.
  3. Close to the vehicle’s heating system.
  4. On the seats or the instrument panel.

Disc cleaning
Wipe the surface with a soft cloth. If the disc is very dirty, use a soft cloth slightly dampened with isopropyl alcohol. Never use cleaning agents such as petrol, thinner or conventional record cleaner, as these materials can damage the surface of the disc.

Note:
Depending on how and under what conditions it is handled, the surface of a disc can easily be scratched, although this does not make the disc unusable. Please note that such scratches do not indicate a problem with the player.
Handling new discs with uneven edges

- The inner and outer edges of a new disc may not be perfectly smooth.
- When a disc with uneven edges is inserted, it may not locate correctly, making it impossible to play.
- Correct these uneven locations before inserting the disc using a pencil or ballpoint pen, as shown here, by running the implement over the inner and outer edges of the disc.

Note:
- Choose a location to fit the equipment where it will not interfere with the driver’s ability to control the vehicle.
- Before fitting the equipment into the vehicle, temporarily connect the cables and check that all the connectors mate properly and that the equipment and the system operate correctly.
- To ensure correct fitting, only use the parts supplied with the equipment. The use of non-approved parts can cause incorrect function.
- If fitting requires holes to be drilled or other modifications to be made to the vehicle, take it to a qualified workshop near you.
- Fit the equipment in a location that will not interfere with the driver, and where the occupants of the vehicle will not be put at risk by an abrupt stop, such as hard emergency braking.
- If the equipment is fitted as an angle more than 30° to the horizontal performance may deteriorate.
- Avoid fitting the equipment at locations where the ambient temperature is raised by, for instance, direct sunshine or the car’s heating system. Avoid locations where the equipment would be exposed to dust, dirt or heavy vibration.
DIN front/rear fitting
DIN front/rear fitting of this equipment can either be carried out from the front (normal DIN front mounting) or from the rear (DIN rear mounting, using the threaded screw holes in the side of the housing). The exact procedure can be understood from the following assembly diagrams.

DIN front fitting
(Method A)

Fitting the equipment

1. Instrument panel
2. Bracket
When you have inserted the bracket into the instrument panel, choose the appropriate metal jointing bar, according to the thickness of the instrument panel material, and bend it inwards so that it can be fixed to the bracket.

3. Bolt

Use the fixing angle piece to fix the rear of the equipment at the correct location. The angle piece can be bent to the desired form by hand.

4. Bolt (5 x 25 mm)
5. Bolt
6. Fixing angle
7. Washer
Fitting

Removing the equipment

1. Frame
2. Reach with your fingers into the slot at the front of the frame, and pull the frame off. (To replace the frame, put the side that has the slot downwards, and insert it.)
3. Lever

Push the levers supplied with the equipment as shown in the diagram into the slots at both sides of the equipment until they latch. The equipment can be removed from the instrument panel by pulling the levers.

DIN rear fitting
(Method B)

Assembly using the threaded holes in the side of the equipment.

Fixing the equipment to the standard radio mounting clip.

1. Locate the main unit in such a way that the screw holes in the clip and threaded holes in the main unit are aligned with one another, and fix the screws at two places on each side.

Use either mushroom-headed screws (5 x 6 mm) or countersunk screws (4 x 6 mm), according to the shape of the screw holes in the clip.
**Fitting**

2. Bolt
3. Standard radio mounting clip
4. Instrument panel or fascia
5. Hook (remove this part)

**Note:**
The fitting housing, the outer cladding and the collar are not used for fitting by method B.

**Removable Front Cover**

The front cover is removed as follows:

1. Press the OPEN button, so that the front cover opens.

2. Pull off the front cover towards the front of the unit by pressing down on the release zone.

3. Put the front cover in the supplied case for safe keeping as soon as you have removed it.
4. Push the front metal plate into the main housing. You will hear a click.

**The front cover is replaced as follows:**

1. First insert the right-hand side of the front cover into the main housing and then push in its left side until you hear it click into place.

2. Note that if the front cover is inserted incorrectly, the operating controls may not function correctly, and that parts of the LCD display may not appear. Press the **OPEN** button, and reinsert the front cover.

**Notes on safe handling**

1. Take care not to drop the front cover onto the floor.
2. When removing or re-inserting the front cover, do not exert any pressure on the display or on the operating knobs.
3. Avoid touching the contacts on the front cover or on the main housing, as this can interfere with their electrical conductivity.
4. Use a clean, dry cloth to remove dirt or other foreign objects that might adhere to the contacts.
5. Never expose the front cover to high temperatures or to direct sunshine.
6. Make sure that the surface does not come into contact with volatile substances (such as petroleum, thinner or insecticide).
7. Do not attempt to dismantle the front cover.
ATTENTION:
The main unit is connected to an external remote receiver, whose function corresponds to that of the remote sensor IR on the front cover.

This remote receiver can be mounted in any convenient location.
REMOTE CONTROL

1 ✪ POWER
POWER button for switching the equipment ON or OFF.

2 0-9
Numerical buttons.

3 ILL
Button for adjusting the brightness of the VFD display.

4 ■
Stop button to finish play.

5 ◀▶▶
Fast forward button ►► and fast reverse ◀◀.

6 ▲▼
Button for changing to the start of the next section, ▲, or for returning to the previous section, ▼. In menu mode, these buttons control the cursor.

7 SUBTITLE
Selection of the subtitle on DVD discs with multilingual subtitle functions.

8 SETUP
Call the SETUP menu.
Remote Control

9 TITLE
Open the TITLE contained in on the DVD disc.

10 DISPLAY
Button for hiding or displaying the status line during play.

11 REPEAT
Switch between repeat modes (REPEAT, REPEAT 1 and REPEAT OFF).

12 Æ Button for pausing and restarting play.

13 AV
Switch between DVD player and external AUDIO/VIDEO.

14 ENTER
Button for confirming sections / chapters selected using the number or cursor buttons in combination with the screen.

15 AUDIO
Selection of the audio soundtrack on DVDs with multilingual audio functions.

16 ANGLE
Selection of the camera perspective on DVDs with multi-angle function.

17 MENU
Display a DVD’s main menu.

Preparing the remote control unit for use

Insert the batteries
1. Open the battery compartment by taking off the cover.
2. Insert the new batteries. Make sure that the positive and negative poles of the battery are positioned as shown inside the battery compartment.
3. Close the battery compartment. Batteries required: two AAA batteries.

Using the remote control

Point the remote control unit at the infra-red sensor on the front of the player (the receiver for the remote control unit). Working angle: up to about 30° in any direction from the front of the IR sensor.

Note:
Make sure that the connections are made in accordance with the circuit diagram (Page 46) to avoid damaging the equipment.

Note:
The Æ/Æ, DISPLAY and ANGLE keys may also be assigned to special functions (see “Special functions”).
**Inserting a DVD/VCD/CD**

1. Turn the vehicle’s ignition key to the ACC position.
2. Press the ON button (21).
3. Press the OPEN (OPEN) button (22) so that the front cover opens slowly forward.
4. Insert the disc with the printed side upwards.
5. Replay starts automatically.

**Removing a disc**

1. Press the OPEN (OPEN) button (22).
2. Wait until the cover has completely opened, then press the button (28) to eject the disc.
3. Remove the disc and close the front cover.
**MAIN FUNCTIONS**

**Stop play**
- If the STOP button is pressed for a short time, play will be stopped, and if the PLAY button is pressed, replay will start again.
- If you press the STOP button twice, the player will stop and return to the first section / chapter.

**Fast forward / fast reverse**
Press the FF ▶▶ and REW ◀◀ buttons during play. Each time these buttons are pressed, the speed with which the player is moving forwards or backwards will alter, depending on the type of disc, as follows:

**DVD**
Normal
Replay → 2x → 4x → 6x → 8x

**VCD & CD**
Normal
Replay → 1x → 2x → 3x → 4x

**Skipping a section**
Press the SKIP buttons, ▲/▼, during play.
The ▲ button takes you to the next section, while the ▼ button returns to the previous section.

**Note:**
The ▲ and ▼ buttons may not be active for some VCD 2.0 discs (PBC playback).

**Choosing the AV signal**
You assign the AV output signal to the external AV input cable or the DVD player with this button.

**Pause (still picture)**
Press the button ▶▶ during play. Press the button again to return to normal play.

**Repeat**
Press the REPEAT button to select the repeat mode, as shown here:
REPEAT 1 → REPEAT → REPEAT OFF

**DVD/CD**
1. In the REPEAT 1 mode, the current section/chapter is continuously repeated.
2. If you have selected the REPEAT mode, the player will repeat all the sections / chapters on the disc.
3. When replay of the last section / chapter of the current disc has completed, the elapsed time is no longer displayed. (If the equipment is in the REPEAT OFF mode, then the VFD display will no longer show REPEAT & REPEAT.)
**MAIN FUNCTIONS**

**VCD**
1. The REPEAT function is not active for VCD 2.0 (with PBC).

**ILL (illumination)**
Press the **ILL** button to adjust the illumination of the VFD display in the following sequence.

Brightness levels

```
4 → 3 → 2 → 1
```

Selecting a higher level will increase the brightness of the VFD display.

**The RESET button**
The **RESET** button is located on the housing, and must be activated with the aid of a ballpoint pen or a thin metal object. It will be necessary to activate the reset button in the following cases:

- The first time the unit is used after connecting the cable.
- The function buttons do not operate.
- An error symbol is shown on the display.

**Open**
Press the **OPEN** button, so that the front cover opens.

**Remote control sensor (IR)**
Point the remote control at the IR sensor for receiving the remote control signals.

**Flashing LED**
The LED display will flash if the front cover is not inserted into the main unit.

**Switching the player off**
Switch the equipment off using the **ON** button on the front of the cover, or press the corresponding key on the remote control unit.
**On-screen display function**

Press the DISPLAY button during play in order to show the contents of the inserted disc on the screen.

**Examples:**

**DVD**

1) Press the DISPLAY button once:

```
TITLE 01/03 CHAPTER
00:02:25
```

The title number, the total number of titles, the chapter number and the total number of chapters under this title for the disc currently being played are shown on the LCD display along with the elapsed time.

2) Press the DISPLAY button twice:

```
TITLE REMAIN
01:46:58
```

3) Press the DISPLAY button three times:

```
CHAPTER ELAPSED
00:00:24
```

4) Press the DISPLAY button four times:

```
CHAPTER REMAIN
00:01:39
```

5) Press the DISPLAY button five times:

The information is no longer displayed on the screen.

**Video CD/SVCD/CD**

Each time the DISPLAY button is pressed, the screen display changes according to the following sequence:

- SINGLE ELAPSED (current, elapsed time) →
- SINGLE REMAIN (current, remaining time) →
- TOTAL ELAPSED (total, elapsed time) →
- TOTAL REMAIN (total, remaining time) →
- OFF
MAIN FUNCTIONS

MP3

Each time the DISPLAY button is pressed, the screen display changes as follows:
- SINGLE ELAPSED (current, elapsed time) →
- OFF

Multiple language audio function

For DVD
Press the AUDIO button during play.
Each time the button is pressed the number of the replay language changes in sequence.

Note:
- The language numbers vary from one disc to another.
- Only one replay language is available on some discs.
- An information symbol is displayed in the upper left-hand corner of the screen if no other languages are available.

For VCD/CD
Press the AUDIO button during play.
You can choose between stereo and mono playback modes.
Stereo (L&R) → only L → only R

MENU function

TITLE menu
If a DVD contains more than one title, the title with which replay should start can be chosen from the title menu.
1. Press the TITLE button during play.
2. Use the cursor buttons to choose a title from the screen, and confirm your choice with the ENTER button.

Multilingual subtitles (DVD only)
Press the SUBTITLE button during play.
Each time the button is pressed the number of the language for the subtitles changes in sequence.

Note:
- The language numbers vary from one disc to another.
- Only one language is available on some discs.
- An information symbol is displayed in the upper left-hand corner of the screen if no other languages are available.
Multi-angle function (DVD only)
Press the ANGLE button during play. Each time the button is pressed the number of the camera perspective changes in sequence.

Note:
- The camera perspective numbers vary from one disc to another.
- This function is only available on discs in which scenes have been recorded from different perspectives.
- The corresponding symbol is displayed in the upper left-hand corner of the screen if no other perspectives are available.

MP3 disc replay
This player is suitable for the following MP3 CD formats:
1) Joliet;
2) Romeo;
3) ISO9660.

When an MP3 disc is played, the format of the folder is definitive.

Example:

Select the menu item or folder using the ▲, ▼, ◀◻ and ◀◻ buttons, and confirm your choice with the ENTER or PLAY button.

A choice between three replay modes can be made by pressing the REPEAT button a number of times:
REP-ONE: A single title is played repeatedly.
FOLDER REPEAT: All the titles in the current folder are played repeatedly in the given sequence.
NO REPEAT: All the titles in the current folder are played just once.

Using the ▲ and ▼ buttons during play you can jump onto the next title or return to the previous title.
◀◻: fast rewind, ◀◻: fast forward.

Note:
It is not possible to select a folder during playback. This can only be done after pressing the STOP button.

Special functions
- Volume, colour, contrast and brightness can be adjusted when in stop mode.

ANGLE : Adjustment of volume, colour, contrast and brightness.
  ◀◻ : louder / stronger
  ◀◻ : softer / weaker
DISPLAY: return to normal values (except for volume)
MAIN FUNCTIONS

Note:
1) The values mentioned above can not be changed for an MP3 disc.
2) It is not possible to increase the values beyond the point at which the total of the contrast and brightness values is 29.
3) Do not select excessively high values of contrast and brightness.

• AV switch
The AV switch is used to change over between the DVD player and external audio/video.

Push the plug on the external AV cable into the AV input socket on the DVD player.

Then press the AV button to switch over to external AV.

By pressing the AV button again you return to the DVD equipment’s AV.

Note:
1) Insert the disc into the player after the equipment has been switched over to external AV. As soon as the disc has been identified, the equipment selects the replay mode, and switches automatically to the DVD equipment’s AV output.
2) If you switch over to external AV during play, playback will be interrupted. On switching over to the DVD player’s AV, replay will start automatically.
Setup - main screen

1. Press the SETUP button while the equipment is in stop mode. (Press the STOP button twice to be certain that the equipment is in stop mode.)
2. The INITIAL SETUP menu will be displayed.
3. Use the ▲/▼ buttons to choose the desired menu item.
4. Press the ENTER button.
   a) General setup
      On this general setup page you will find all the menu items for the video and audio output.
      You will find further information under the General Setup menu.
   b) Loudspeaker setup
      You can activate the audio output from the DOLBY AC3 5.1 DOWNMIX for 2-channel mode here.
      You will find further information under the Loudspeaker Setup menu.
   c) Dolby setup
      This setup page contains all the DOLBY DIGITAL options.
      You will find further information under the Dolby Setup menu.
   d) Recommended settings
      This setup page includes the full configuration of the support function.
      You will find further information under the Recommended Settings menu.

Dolby Digital
Manufactured under licence from Dolby Laboratories.
“Dolby” and the double-D symbol are trademarks of Dolby Laboratories.
Confidential unpublished work.
All rights reserved.
GENERAL SETUP

General setup

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<td>NORMAL / LB</td>
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<td>ANGLE MARK</td>
<td>WIDE</td>
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<td>OSD LANG</td>
<td></td>
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<td>SPDIF</td>
<td></td>
</tr>
<tr>
<td>CAPTIONS</td>
<td></td>
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</tbody>
</table>

TV DISPLAY setup

You can choose the appropriate picture format here (4:3 or 16:9) according to the picture format of the connected TV.

NORMAL/PS (for TV format 4:3)
Replay in PAN & SCAN format. (The side edges are cropped when used with a widescreen TV.)

NORMAL/LB (for TV format 4:3)
Replay in letterbox format. (When used with a wide screen television, the upper and lower edges of the screen will be black.)

WIDE (for TV format 04:09:00 PM)
Choose this option if a TV with a widescreen format is connected.
General setup

**Setting the TV TYPE**

You can use this player to replay discs that were recorded either in PAL or in NTSC format.

Choose NTSC if the equipment is connected to a TV that requires NTSC coded signals.

Choose PAL if the equipment is connected to a TV that requires PAL signals.

If you choose the PAL (USA : NTSC) option, the output format will be the same as that of the disc.

**Setting the PIC (picture) MODE**

Choose the AUTO option. The player’s PIC mode depends on the configuration of the or DVD disc.

The HI-RES ensures the best picture resolution.

Choose the N-FLICKER option for images with audio effects.
Setting the ANGLE MARK display
If set to ON, the angle signal 🎥 will appear on the screen when a multi-angle DVD disc is played. The signal is not displayed if OFF is chosen.

Setting the OSD LANG (language)
Use the ▲/▼ buttons to choose the language for the screen display.
General setup

SPDIF setting
Choose whether the SPDIF video output is ON or OFF.

CAPTIONS
Activate the CAPTIONS function by a choosing ON, and deactivate it again by selecting OFF.
**GENERAL SETUP**

**Loudspeaker setup**

- **DOWN MIX**
- **LT / RT**
- **STEREO**
- **MAIN PAGE**

**Dolby setup**

- **OP MODE**
- **LINE MODE**
- **DUAL MONO**
- **DRC**

You can activate the audio output from the DOLBY AC3 5.1 DOWNMIX for 2-channel mode here.

Use the cursor keys to select the desired LOUDSPEAKER connection.

- Selection of LT/RT to activate the compatible Dolby Surround output.
- Selection of STEREO to activate the standard stereo mode.

**OPERATING MODE**

The Dolby Digital decoder only has one operating mode: LINE OUTPUT.
Dolby setup

DUAL MONO

Dual mono replay is only available for Dolby digital programmes with 1+1 audio code mode.

→ Stereo replay 1+1 programme CH1 for the left-hand channel, CH2 for the right hand channel.

→ CH1 mono replay CH1 in both outputs (left/right).

→ CH2 mono replay CH2 in both outputs (left/right).

→ Mix mono replay CH1+CH2 in both outputs (left/right).

DRC - DYNAMIC RANGE CONTROL

Select DRC and adjust the dynamic range of a Dolby Digital coded programme. Eight levels of adjustment are available from full compression down to compression switched off.
GENERAL SETUP

Recommended settings

**LANGUAGE selection**
Use the cursor buttons to choose the desired replay language.

**Language selection for SUBTITLES**
Use the cursor buttons to choose the language in which the SUBTITLES should be given.
Recommended settings

Language selection for the DISC MENU
Use the cursor buttons to choose the desired language for the disc menu.

LOCALE
Use the cursor keys to select the desired LOCALE. The player will make the appropriate settings in accordance with this choice are (e.g. SUBTITLES, LANGUAGE SELECTION and so on).
GENERAL SETUP

Recommended settings

<table>
<thead>
<tr>
<th>LANGUAGE</th>
<th>SUBTITLE</th>
<th>DISC MENU</th>
<th>LOCALE</th>
<th>PARENTAL</th>
<th>PASSWORD</th>
<th>DEFAULT</th>
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<td>1 G</td>
<td>3 PG</td>
<td>4 PG 13</td>
<td>6 PG-R</td>
<td>7 NC-17</td>
<td>8 ADULT</td>
<td>NO PARENTAL</td>
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</tbody>
</table>

<table>
<thead>
<tr>
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PARENTAL CONTROL FUNCTION

Use the cursor buttons to select the desired parental control level, and confirm it by pressing the ENTER button.

PASSWORD

Select the CHANGE option, and confirm your choice with the ENTER button. Enter the old password (the password/secret code is pre-set by the factory to 3308), and then enter a new, four-figure password/secret code. Enter the password/secret code again as confirmation. Make sure that you repeat your entry correctly.
Recommended settings

Factory settings (RESET)
Choose the RESET button option to return the equipment to the factory settings.
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<th>DEFAULT</th>
<th>GENERAL SETUP</th>
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<td></td>
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<td>Password</td>
<td>3308</td>
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</table>
**TECHNICAL DATA**

**Operating voltage:**
+12 V (11 V-16 V), test voltage 14.4 V, negative earth

**Current consumption:**
Less than 2.0 A

**Operating temperature:**
-15°C to +60°C

**Signal system:**
Mixed video signal 1.0 Vp-p, 75 Ω RCA socket

**Supported disc types:**
1. DVD-VIDEO discs
   - 5" (12 cm) single sided, single layer
   - 5" (12 cm) single sided, double layer
   - 3" (8 cm) single sided, single layer
   - 3" (8 cm) single sided, double layer
2. Compact disc (CD-DA, VIDEO CD)
   - 5" (12 cm) disc
   - 3" (8 cm) disc

**Audio output:**
600 Ω (2 ch, 2.0 Vrms)

**Audio output signal parameters:**
1. Frequency range: 20 Hz-20 kHz
2. Signal-to-noise ratio: 90 dB (JIS)
3. Pitch variation: not measurable

**Note:**
The technical data and the design of the equipment are liable to be changed for the sake of technical improvements without significant prior notice.
<table>
<thead>
<tr>
<th>Country</th>
<th>Phone:</th>
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<th>WWW:</th>
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<tbody>
<tr>
<td>Germany</td>
<td>0180-5000225</td>
<td>05121-49 4002</td>
<td><a href="http://www.blaupunkt.com">http://www.blaupunkt.com</a></td>
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Blaupunkt GmbH

03/02
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