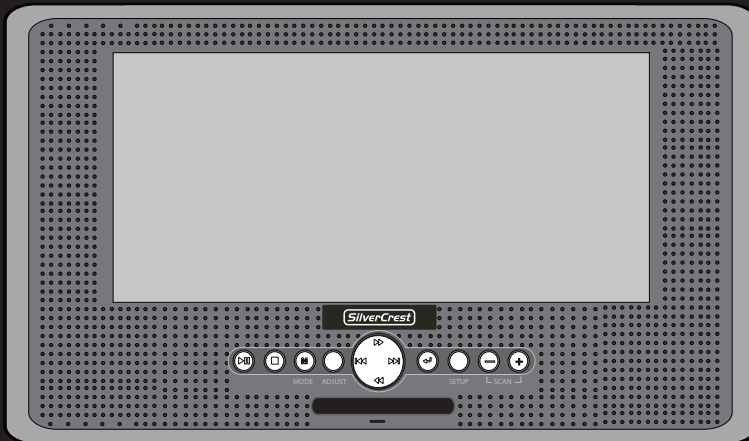




# DVT-480

## User Manual



English





# 1 Introduction

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Thank you for choosing this portable 8.5" DVD player SilverCrest DVT-480. In order to be able to use your equipment to its fullest extent, we recommend reading these instructions before using this product for the first time, even if you are familiar with electronic devices. Pay particular attention to the chapter Important Safety Precautions on page 8. Keep this manual for future reference. If you sell or pass the equipment on, also hand over this user manual.

## 2 Copyright

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Without our permission, contents of this user manual may not be reproduced, copied (or otherwise duplicated in any way), installed in a search engine, or translated into other languages.

## 3 Declaration

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The DVD player SilverCrest DVT-480 and the supplied accessories comply with the basic requirements and relevant regulations of EMC directive 2004/108/EC, as well as the low-voltage directive 2006/95/EC. The equipment fulfills the demands of Standard EN 50332 (parts 1 and 2) concerning the max. sound pressure level of 100 dB(A) and an output voltage max. of 150 mV at the headphone jack.

The descriptions and characteristics in this user manual serve only as general references and are not guaranteed. In order to offer a product of the highest quality, we reserve the right to make design improvements or changes without prior notice. For all product descriptions and user manuals (in case of possible deviations in other languages), the German version serves as the valid reference.

## 4 Manufacturer Information

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JNC Datum Tech GmbH  
Benzstraße 33  
71083 Herrenberg  
Germany

For more information visit:  
**[www.mysilvercrest.de](http://www.mysilvercrest.de)**

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## 6 Important Safety Instructions

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Please read and observe the safety precautions.

### General

- The packing materials are not toys. Do not let children play with the plastic packaging materials that come with this product. Danger of suffocation.
- Do not allow children to operate electrical devices unsupervised.
- **CAUTION! LASER RADIATION HAZARD!**  
This DVD player is a class 1 laser product. This equipment works with a bundled laser beam. When the product is disassembled, or with a defective safety mechanism, the laser beam can cause eye damage.

### Power supply

- Connect the power adapter to a 100-240V~50/60Hz wall outlet only. Ensure the wall outlet is in close proximity to the equipment and is accessible at all times.
- Route the cables in such a way that nobody can trip over them.
- Ensure that you do not route cables over edges; do not kink the cable.
- Disconnect from mains power supply during lightning.
- When disconnecting, do not pull on the cable, always hold the plug.

### Operating conditions

- Avoid moisture and dripping or splashing water.
- To avoid electric shock, do not submerge the product in water or other liquids.
- Do not place objects filled with water on or near the unit.
- Do not use in environments with high humidity; do not use in bathrooms.
- If you move the equipment from a cold to a warm place, humidity can condense on the lens. In this case leave the equipment switched off for a several hours to adapt to the



current temperature.

- Do not place heavy articles on top of the equipment.
- Do not touch the display. Do not press on the surface of the display. Avoid contact with sharp or pointed objects.
- Do not expose the equipment to excessive heat. Do not place it in close proximity to heat sources such as radiators or ovens.
- Pay attention to sufficient ventilation. If you set up the equipment on a shelf, keep a minimum distance of 10 cm between the product and other objects and the shelf walls.
- Do not set up the unit in close proximity to devices which are sensitive to disturbances by magnetic sources (e.g. tape decks).
- Do not place open sources of fire, e.g. a burning candle, on top or beside the equipment.
- Do not expose the equipment to direct sunlight.

## **Operation**

- Do not move the DVD player during playback; this can damage the inserted disc.
- Remove the disc only after the drive has completely stopped.
- Remove the disc before moving the equipment. Switch the equipment off and disconnect from the mains power supply.

## Operation in vehicles

- **CAUTION!** In some countries operating a DVD player while driving is prohibited or restricted.
- Switch on engine before connecting the equipment to the car adapter.
- Please note that temperatures inside vehicles can reach extreme levels in summer and winter. Do not store the DVD player in your vehicle and do not store in places with temperatures below 0°C or higher than 40°C.
- When routing the cables inside the vehicle ensure that they do not impair the ability of the driver to safely operate the vehicle.
- Connect the 12V car adapter to a well accessible 12V cigarette lighter jack or 12V power supply jack.
- During installation, ensure that the cables are not jammed or squeezed.
- When attaching the equipment to the head rest ensure that this does not obstruct the driver.

## Batteries

- **CAUTION!** There is a danger of explosion from inappropriate changing of batteries. Replace the battery only with a battery of the same type.
- A swallowed battery can be lethal. Keep battery and remote control out of reach of children. Immediately ask for medical assistance if a battery is swallowed.
- The supplied battery may not be disassembled, thrown into the fire, short circuited, or charged in a battery charger which is not approved of or supplied by the manufacturer.
- Remove an exhausted battery from the remote control. Remove the battery from the remote control if you will not use it for an extended period of time.
- Do not expose the battery to extreme temperatures. Do not place the remote control on heaters. Leaking battery acid can cause damages.
- Avoid contact with leaked battery acid. Rinse concerned areas immediately after contact with the acid and wash with plenty of clean water. Visit a physician.

## Headphones

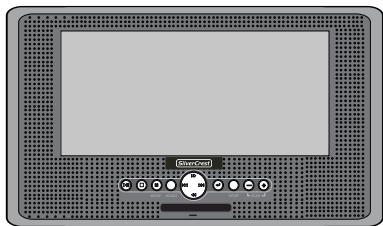
- **CAUTION!** Avoid listening with headphones at a constantly high volume. Danger of permanent hearing damage!
- Ensure that children do not turn the volume too high.
- The unit may only be used with the supplied headphones.

## In case of malfunctions

- In case of damages to mains cable, power adapter, car adapter, or the unit itself, immediately disconnect from mains power supply.
- Do not use the equipment if there are visible damages to casing, power adapter, or mains cable. Repairs to casing, power adapter, and mains cable are only permitted by qualified technical personnel.
- Do not insert objects into the equipment. Danger of electric shock.
- Immediately disconnect from mains power supply if liquids or foreign objects have entered the device. Have the unit examined by qualified technical personnel before operating it again.

## 7 Package Contents

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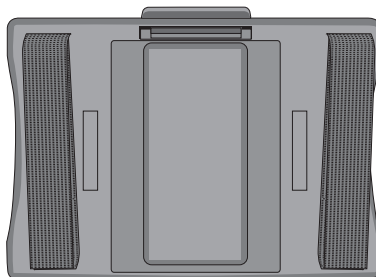
1. DVD player (1x)



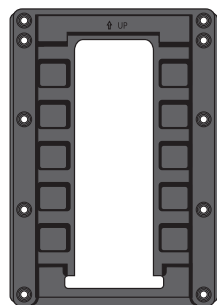
2. 12V power adapter  
(input 220V) (1x)



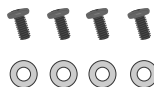
3. 12V car adapter (1x)



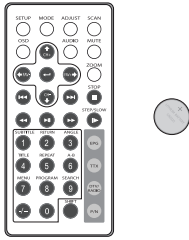
4. Head rest holder (1x)



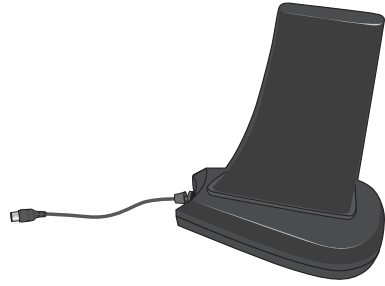
5. Mounting plate (1x)



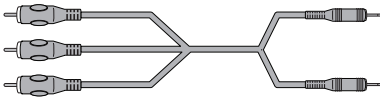
6. Phillips screw (4x),  
washer (4x)



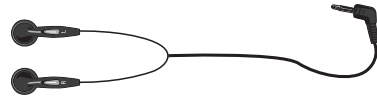
7. Remote control with battery (1x)



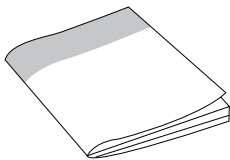
8. Active antenna (1x)



9. AV cable (1x)



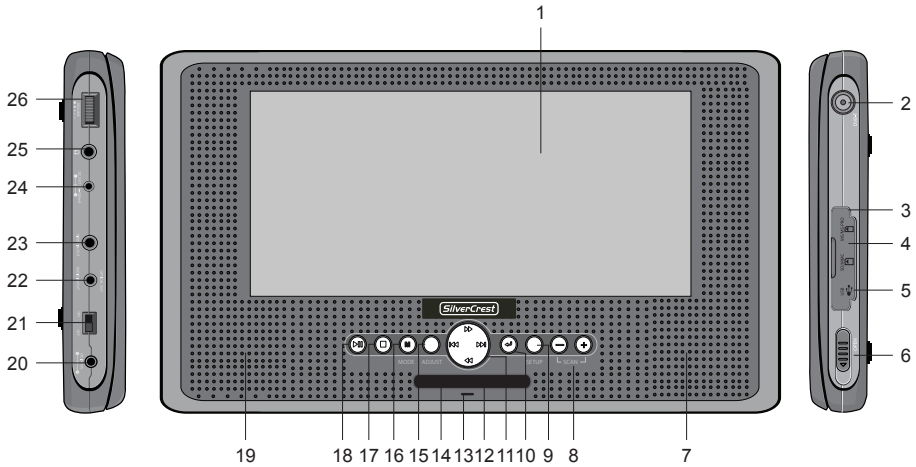
10. Earphones (1x)





11. User manual (1x)

# 8 Parts

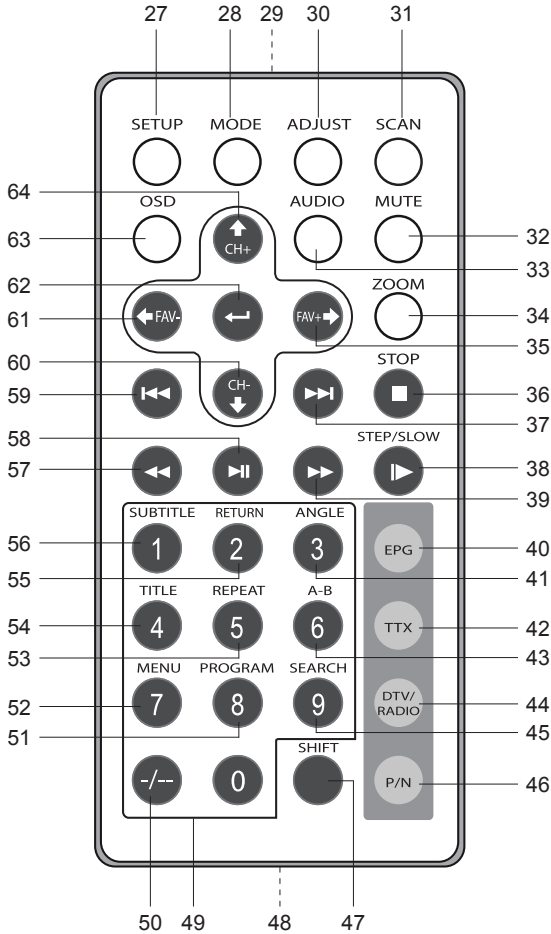
## 8.1 DVD player



- 1 LCD display
- 2 **DVB-T** DVB-T antenna input
- 3 rubber cover
- 4 card slot
- 5 USB port
- 6 **OPEN** open disc drive
- 7 right speaker
- 8 **SCAN** channel selection (no function with DVD)
- 9 **SETUP** open setup menu
- 10 ← confirm; start playback
- 11 controls for menu navigation; for DVD: forward/rewind, skip forward/skip backward
- 12 infrared LED's for IR headphones (optional)
- 13 power indicator (lights up red during operation)
- 14 infrared sensor

- 15 **ADJUST** Press once: image settings;  
Press and hold: turn off display.
- 16 **MODE** select mode
- 17 **■** stop playback
- 18 **▶||** start/pause playback
- 19 left speaker
- 20 **DC IN 12V**  12V power adapter for DVD player  
(220V input)
- 21 **ON OFF** ON/OFF switch
- 22 **AUDIO IN/OUT** jack for audio signals
- OPTICAL OUT** output for optical audio signals
- 23 **VIDEO IN/** jack for video signals
- OUT**
- 24 **DC OUT 12 V** DC output (max. 500mA)
- 25  headphones jack
- 26 **VOLUME** volume control

## 8.2 Remote control



- |    |               |                      |
|----|---------------|----------------------|
| 27 | <b>SETUP</b>  | setup menu           |
| 28 | <b>MODE</b>   | mode                 |
| 29 |               | infrared transmitter |
| 30 | <b>ADJUST</b> | image settings       |
| 31 | <b>SCAN</b>   | automatic scan       |
| 32 | <b>MUTE</b>   | mute sound           |
| 33 | <b>AUDIO</b>  | audio language       |
| 34 | <b>ZOOM</b>   | zoom function        |



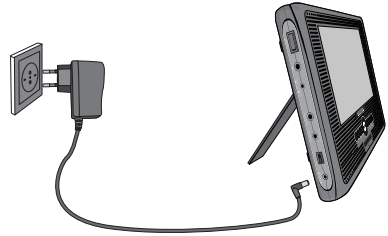
35	FAV+ →	navigate right
36	<b>STOP</b> ■	stop playback
37	▶▶	next title
38	▶	slow motion / step
49	▶▶	search forward
40	<b>EPG</b>	electronic program guide
41	<b>ANGLE</b>	camera angle
42	<b>TTX</b>	teletext
43	<b>A-B</b>	repeat section
44	<b>DTV/RADIO</b>	selector DTV/Radio
45	<b>SEARCH</b>	search function
46	<b>P/N</b>	TV system
47	<b>SHIFT</b>	toggle function/numeric buttons
48		battery compartment
49		numeric buttons
50	-/--	multi-digit number
51	<b>PROGRAM</b>	program
52	<b>MENU</b>	display menu
53	<b>REPEAT</b>	repeat function
54	<b>TITLE</b>	display DVD title
55	<b>RETURN</b>	return
56	<b>SUBTITLE</b>	subtitles
57	◀◀	search backward
58	▶▶	play / pause
59	◀◀	skip to previous title
60	CH- ↓	navigate down
61	◀ FAV-	navigate left
62	←	confirm / play
63	<b>OSD</b>	on-screen-display information
64	↑ CH+	navigate up

## 9 Power Supply

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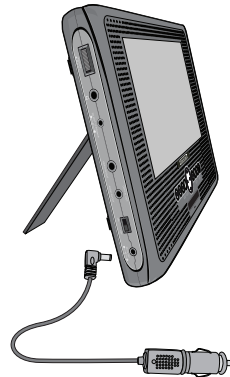
### 9.1 Mains power

- Mains power operation: The power adapter of the DVD player is designed for 100-240V~50/60Hz.
- Connect the plug of the power adapter to **DC IN (20)** on the DVD player.
- Connect the power adapter to a well accessible wall outlet.



### 9.2 Car adapter

- Vehicle operation: The car adapter allows operating the DVD player in a vehicle. The car adapter is designed for a 12V vehicle system.
  - Connect the car adapter to **DC IN (20)** on the DVD player.
- Connect the car adapter to a well accessible 12V cigarette lighter jack or 12V vehicle power supply output jack. The car adapter LED lights up red during operation.



## 10 Installation

### 10.1 Set up the player

- Place your DVD player on a sturdy, even surface.
- Fold out the support on the rear of the unit and adjust for best viewing angle.
- Slide the locking mechanism to the **UNLOCK** position and adjust the support to the desired length.
- Slide the locking mechanism to the **LOCK** position.



#### Note:

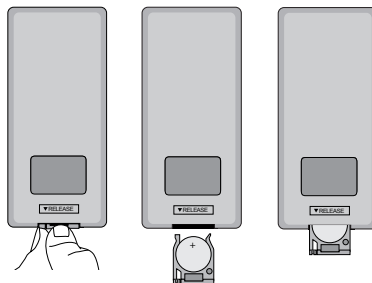
- For vehicle operation read the chapter Mounting on page 24.

### 10.2 Connect to power supply

For power supply use the power adapter or car adapter (→ Power Supply, page 18).

### 10.3 Insert battery (remote control)

- Open the battery compartment (48) at the bottom of the remote control. Press and hold the locking mechanism on the side and pull out the battery holder at the same time.
- Insert the supplied battery, making sure to match the +symbol on the battery with the same symbol in the battery compartment.
- Push the battery support holder back into the battery compartment (48).



## Notes

- The average life span of the battery is 1 year.
- Replace an exhausted battery with a battery of the same type only (button cell CR2025 3 V).
- During long periods of non-use remove the battery from the battery compartment.
- Also, observe the safety instructions for handling batteries on page 10.

### 10.4 Insert disc

- Press **OPEN** (6) in the direction of the arrow to open the disc compartment.
- Insert the desired disc with the label up. 8 cm and 12 cm discs can be inserted.
- Press the disc down in the center, until it clicks into position.
- Close the compartment by pressing the cover down until it locks into place.



### 10.5 Turn DVD player on

Slide the ON/OFF switch (21) to the **ON** position. The power indicator (13) lights up red. The inserted disc is loaded. *READ* is shown on the display. The disc starts automatically. Depending on the type of disc, the following actions will take place:

**DVD** Usually an initial scene is played and afterwards the main DVD menu is displayed.

**Video CD** A folder and a track overview are displayed. The following video files can be played: MPEG2, MPEG4 (AVI), VOB, DAT.

**Audio CD** The music is played and, if available, a track overview is displayed.

**MP3/WMA CD** A folder and a track overview are displayed.

**Picture CD** A folder and a file overview are displayed. Only JPEG files are displayed.

## 10.6 Remove disc and turn off DVD player

- Press **STOP** ■ (36) twice to stop disc playback.
- Press **OPEN** (6) in the direction of the arrow to open the disc compartment and remove the disc.
- Close the compartment by pressing the cover down until it locks in place.
- Slide the ON/OFF switch (21) to the **OFF** position. The power indicator (13) turns off.

### Note:

- If you open the cover during playback by accident, the rotating disc will stop.
- Do not remove the disc while it is still rotating.

# 11 Connections

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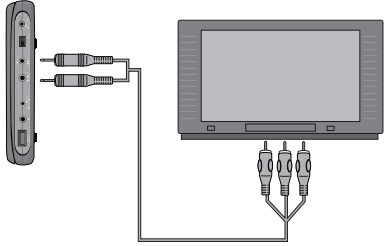
## 11.1 Connect active antenna

- Connect the active antenna to the DVB-T antenna input (2).
- Set up the active antenna in a way that gets good reception.
- Ensure that the reception is not disturbed by any objects.

## 11.2 Headphones

- Press **VOLUME** (26) to set the unit to the lowest volume.
- Connect the headphones connector to the jack  $\Omega$  (25) on the unit.

## 11.3 Use external AV device for playback

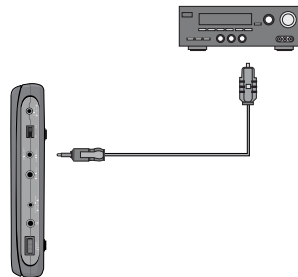
- Connect, for instance, a TV set via the supplied A/V cable.
  - Connect the video (yellow) and the audio (green) connectors to the **VIDEO IN/OUT** (23) and **AUDIO IN/OUT** (22) jacks on the DVD player.
- 
- Connect the RCA connector to the corresponding colour-coded jacks on your TV set.
  - Select an AV channel for playback on your TV set. Read the specifics in the user manual of your TV set.

## 11.4 Display signal of AV device

- With the provided A/V cable you can connect A/V equipment, e.g. an external DVD player.
- Connect the video (yellow) and the audio (green) connectors to the **VIDEO IN/OUT** (23) and **AUDIO IN/OUT** (22) jacks on the DVD player.
- Connect the RCA connector to the corresponding colour-coded jacks on your TV set.
- Press **MODE** (28) to select *AV INPUT*.
- Now you will receive the signal of the external DVD player.

## 11.5 Connect digital amplifier

- With an optical digital cable (not supplied) you can connect the DVD player to a digital amplifier.
- Connect the digital cable to **OPTICAL OUT** (22) on the DVD player and to the optical digital input of your amplifier.



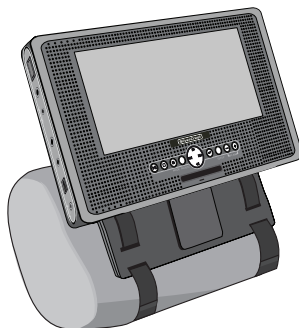
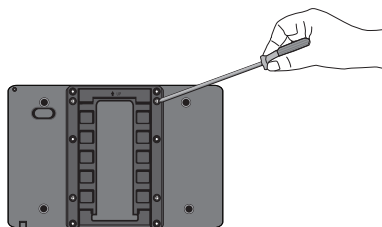
### Note:

- Select the setting *SPDIF/RAW* or *SPDIF/PCM* in the setup menu under Audio settings (page 42), depending on the connected amplifier.

## 12 Mounting

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- Mount the DVD player with the head rest holder to the head rest in your vehicle
- Fasten the mounting plate with the four Phillips screws and washers on the rear of the DVD player. The arrow on the mounting plate should point upward.
- Place the mounting plate with the foam material side against the head rest and place the straps over and under the head rest.
- Tighten the straps firmly and close the Velcro fasteners.
- Insert the DVD player from above into the mounting plate. Push the unit downward until it locks into place.
- Connect the supplied car adapter to **DC IN** (20) on the DVD player.
- Connect the car adapter to a well accessible 12V cigarette lighter jack or 12V vehicle power supply output jack. The car adapter LED lights up red during operation.



### Note:

- Observe the safety instructions for in-car operation on page 10.



## 13 Basic Operation

---

### 13.1 Use remote control

- The key functions depend on the inserted disc (e.g. DVD, Audio CD, MP3/WMA CD, Picture CD). Not all functions are supported by each disc. This is not a malfunction of the device.
- The following functions are operated with the remote control, if not indicated differently.
- The numeric buttons (49) have dual functions. Press **SHIFT** (47) to toggle between numeric buttons and the function keys. After pressing **SHIFT** (47) the display briefly shows *SELECT FUNC* (function keys) or *SELECT NUM* (numeric buttons).

#### Note:

- Ensure that no objects obstruct the line between the infrared transmitter (29) of the remote control and the infrared sensor (14) on the unit. The remote control can be affected by other infrared devices.

### 13.2 Turn unit on and off

- Slide the ON/OFF switch (21) to the **ON** position. The power indicator (13) lights up red.
- To turn the unit off slide the ON/OFF switch (21) to the **OFF** position.

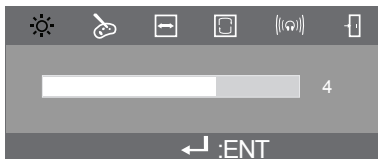
### 13.3 Select mode

- Press **MODE** (28) to access the selection menu. You can select between three operation modes: *DVD*, *DVB*, and *AV INPUT*. The default setting is *DVD*.
- The last operation mode is stored and remains after the unit is turned off and restarted again.
- Press **MODE** (28) again in order to close the selection menu.









### 13.4 Image settings

- Press **ADJUST** (30) in order to open the image settings window.
- Navigate with **←** (61) / **→** (35). Press **↵** (62) to confirm.



#### Note:

- The window closes automatically if no setting is selected within 10 seconds.

	Set the brightness level.	
	Select a value for saturation.	
	16:9	Select this aspect ratio if the unit is connected to a screen with a 16:9 format.
	4:3	Select this aspect ratio if the unit is connected to a screen with a 4:3 format.
	The display is rotated clockwise by 180 degrees.	
	Choose <i>ON</i> to turn the LED infrared transmitter on. LEDs (12) light up red on the DVD player. Use commercially available infrared headphones to receive the infrared signal from the unit. Have your specialized dealer advise you. The transmission range is within 5 meters.	
	Close the window again.	

### 13.5 Volume control

- Set the desired volume on the DVD player with the **VOLUME** (26) knob.

### 13.6 Mute

- Press **MUTE** (32) to mute the sound. *MUTE* is displayed.
- Press **MUTE** (32) again to cancel the mute function.

### 13.7 Turn display off

- Press and hold **ADJUST** (15) on the unit for 2 seconds to turn the display off.
- Press **ADJUST** (15) on the unit again or **ADJUST** (30) on the remote control to turn the display on again.

#### **Note:**

- You can turn off the display only with **ADJUST** (15) on the unit.

## 14 Disc Functions

---

### 14.1 Navigation

The display shows the following icons:



folder



audio files



image files



video files

- Use ← (61) / → (35), ↑ (64) / ↓ (60) for navigation in folders, files, and menus.
- You can only select one folder/file at a time.
- Press ← (62) to open a folder. All files of the folder are displayed.
- Press ← (62) to play or view a file or to confirm your input.

#### Note:


- If a file name is longer than can be displayed in the window, only a part of the file name is shown.

### 14.2 Disc playback

This unit can play the following disc formats

- Audio: Audio CD, MP3, WMA
- Video: DVD Video, MPEG4 (AVI), MPEG2, VOB, DAT
- Others: JPEG

DVD/Audio disc	<ul style="list-style-type: none"><li>• The unit starts playback automatically.</li><li>• If playback does not start, press ►   (58) to play the inserted disc.</li></ul>
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<p>MP3/WMA/ JPEG disc</p>	<ul style="list-style-type: none"> <li>• After inserting the disc a folder and a file overview are displayed.</li> <li>• Press ← (62) to play or view a file.</li> </ul>	
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### 14.3 Stop playback

<p>DVD/Audio/ MP3/WMA/ JPEG disc</p>	<ul style="list-style-type: none"> <li>• Press <b>STOP</b> ■ (36) once to stop playback. The DVD player stops at the current position. The display briefly shows <i>STOP-PLAY TO CONTINUE</i>.</li> <li>• Press ►   (58) to continue playback.</li> <li>• Press <b>STOP</b> ■ (36) twice to terminate disc playback. The display briefly shows <i>STOP</i>.</li> <li>• Press ►   (58), to start playback from the beginning of the CD.</li> </ul>
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### 14.4 Pause

<p>DVD/Audio/ MP3/WMA/ JPEG disc</p>	<ul style="list-style-type: none"> <li>• Press ►   (58) to pause disc playback temporarily. The display shows <i>PAUSE</i>.</li> <li>• Press ►   (58) again to resume playback.</li> </ul>
--	--

### 14.5 Forward / Rewind

<p>DVD/Audio/ MP3/WMA/ JPEG disc</p>	<ul style="list-style-type: none"> <li>• Press ►► (37) to skip to the next chapter/title/file.</li> <li>• Press ◀◀ (59) to skip to the previous chapter/title/file.</li> </ul>
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## 14.6 Search mode

DVD/Audio/ MP3/WMA disc	<ul style="list-style-type: none"><li>• Press ◀◀ (57) or ▶▶ (39) to start the fast search backward or forward (2x, 4x, 8x, and 20x speed).</li><li>• Press ▶   (58) to continue normal playback.</li></ul>
JPEG disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.7 Slow motion

DVD Disc	<ul style="list-style-type: none"><li>• Press <b>STEP/ SLOW</b> ▶ (38) to reduce the playback speed. There are 6 speed settings available: 1/2, 1/3, 1/4, 1/5, 1/6, 1/7.</li><li>• Press ▶   (58) to resume normal playback.</li></ul>
Audio/MP3/ WMA/JPEG disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.8 Step

DVD disc	<ul style="list-style-type: none"><li>• First press ▶   (58).</li><li>• Press <b>STEP/ SLOW</b> ▶ (38) to display a freeze image.</li><li>• Press <b>STEP/ SLOW</b> ▶ (38) to step one frame ahead.</li><li>• Press ▶   (58) to return to normal playback</li><li>• Press <b>ZOOM</b> (34) to enlarge or reduce frozen images.</li></ul>
Audio/MP3/ WMA/JPEG Disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.9 Zoom

DVD/JPEG disc	<ul style="list-style-type: none"><li>• Press <b>ZOOM</b> (34) to enlarge or reduce an image (<i>Zoom 2, Zoom 3, Zoom 4, Zoom 1/2, Zoom 1/3, Zoom 1/4</i>).</li><li>• Press <b>ZOOM</b> (34) repeatedly until the desired adjustment is reached.</li><li>• The value is briefly displayed.</li><li>• Press <b>ZOOM</b> (34) repeatedly to turn the zoom function off until <i>ZOOM:OFF</i> is displayed.</li><li>• Use <b>←</b> (61) / <b>→</b> (35), <b>↑</b> (64) / <b>↓</b> (60) to navigate in the screen window.</li></ul>
Audio/MP3/WMA/disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.10 Change angle

DVD disc	<ul style="list-style-type: none"><li>• Press <b>ANGLE</b> (41) to select a viewing angle.</li><li>• <b>Note:</b> This function is not supported by all DVDs.</li></ul>
Audio/MP3/WMA/JPEG disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

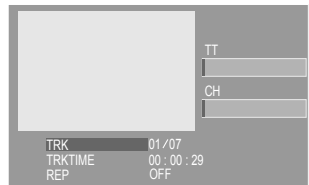
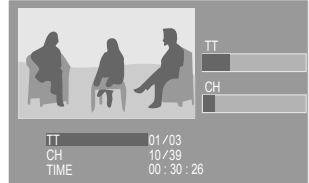
## 14.11 Numeric buttons

DVD/Audio/MP3/WMA/JPEG disc	<ul style="list-style-type: none"><li>• With the numeric buttons (49), you directly select the number of the chapter/title or the file. Playback starts.</li><li>• In order to select a multi-digit number, first press <b>-/-</b> (50). The display shows <i>SELECTING 10+</i>.</li><li>• Press a numeric button (0-9) to select a number between 10 and 19.</li><li>• Press <b>-/-</b> (50) to change the first number. The display shows <i>SELECTING 20+</i>, <i>SELECTING 30+</i>, etc.</li></ul>
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## 14.12 Go to function

- Search for a title, chapter, or certain location.
- Press **SEARCH** (45) during playback.
- Navigate with **↑** (64) / **↓** (60).
- Press **SEARCH** (45) to close the window.

DVD disc	<ul style="list-style-type: none"> <li>• A window with input fields is displayed for title (<i>TL</i>), chapter (<i>KA</i>), and time (<i>TIME</i>). <i>TL</i> is the default setting.</li> <li>• Press <b>←</b> (62) and enter the desired title with the numeric buttons (49). Press <b>←</b> (62) to confirm and start playback. The title is played in the preview window.</li> <li>• You can enter a chapter and a certain time (hours, minutes, seconds) in the same way.</li> </ul>
Audio/MP3/WMA disc	<ul style="list-style-type: none"> <li>• A window with input fields for track (<i>TRK</i>) and track duration (<i>TRKTIME</i>) is displayed.</li> <li>• <i>TRK</i> is the default setting. Press <b>←</b> (62) and enter the desired track with the numeric buttons (49). Press <b>←</b> (62) to confirm and start playback.</li> <li>• You can enter a certain time (hours, minutes, seconds) in the same way.</li> </ul>
JPEG disc	<ul style="list-style-type: none"> <li>• Function not available.</li> </ul>





### 14.13 Repeat

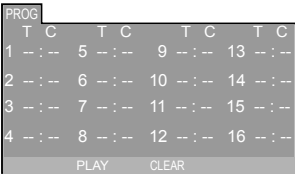
- Press **REPEAT** (53).
- To turn the function off, press **REPEAT** (53) until *REP CANCEL* is displayed.

DVD disc	<ul style="list-style-type: none"><li>• You can repeat chapters and titles. The display successively displays <i>CHAPTER REP</i>, <i>TITLE REP</i>, and <i>REP OFF</i>.</li></ul>
Audio disc	<ul style="list-style-type: none"><li>• You can repeat individual tracks or the entire CD. The display successively displays <i>REP 1</i>, <i>REP ALL</i>, and <i>REP CANCEL</i>.</li></ul>
MP3/WMA/ JPEG disc	<ul style="list-style-type: none"><li>• You can repeat tracks, folders, or the entire CD. The display successively displays <i>REP 1</i>, <i>REP FOLDER</i>, <i>REP ALL</i>, and <i>REP CANCEL</i>.</li></ul>

### 14.14 Repeat section

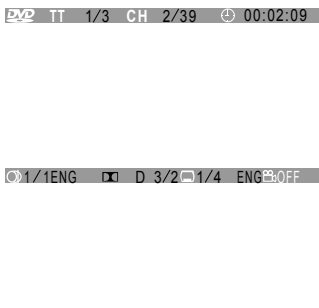
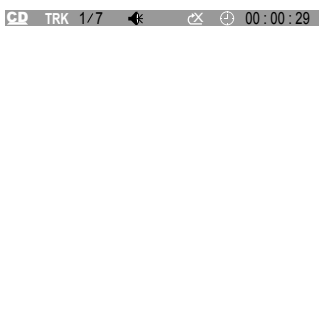

DVD/Audio/ MP3/WMA disc	<ul style="list-style-type: none"><li>• Press <b>A-B</b> (43) during playback to specify the beginning of a section.</li><li>• Press <b>A-B</b> (43) again to mark the end of the section. The DVD player automatically skips to the beginning of the marked section and plays until the end of the marked section.</li><li>• Press <b>A-B</b> (43) again to resume normal playback.</li></ul>
JPEG disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.15 Programm playback

<p>DVD disc</p>	<ul style="list-style-type: none"> <li>• With an inserted DVD you can program up to 16 chapters in any desired order.</li> <li>• Press <b>PROGRAM</b> (51). The programming window opens.</li> </ul>	
<p>Audio/MP3/ WMA JPEG disc</p>	<ul style="list-style-type: none"> <li>• Navigate with ← (61) / → (35), ↑ (64) / ↓ (60).</li> <li>• Enter the desired title and chapter numbers with the numeric buttons (49).</li> <li>• Select <i>DELETE</i> and press ← (62) to confirm the deletion of all inputs.</li> <li>• Press ► (58) to start playback of the programmed titles and chapters.</li> </ul> <p><b>Delete program:</b></p> <ul style="list-style-type: none"> <li>• Delete programming by again pressing <b>PROGRAM</b> (51). Select <i>DELETE</i> and press ← (62) to confirm.</li> </ul>	

## 14.16 Display information

- During playback press **OSD** (63) once to display disc information.
- Press **OSD** (63) again to fade the display out.

DVD disc	<ul style="list-style-type: none"> <li>• Press <b>OSD</b> (63) once to display title, chapter, and elapsed playing time.</li> <li>• Press <b>OSD</b> (63) twice to display audio language, subtitles, and angle.</li> </ul>	 <p>DVD TT 1/3 CH 2/39 00:02:09</p> <p>1/1ENG D 3/2 1/4 ENG:OFF</p>
Audio/MP3/WMA disc	<ul style="list-style-type: none"> <li>• The current track number, total number of tracks, black loudspeaker (sound on) or gray loudspeaker (sound muted), as well as the elapsed playing time is displayed.</li> </ul>	 <p>CD TRK 1/7 00:00:29</p>
JPEG disc	<ul style="list-style-type: none"> <li>• The current image number and the total number of images are displayed.</li> </ul>	 <p>CD PIC 1/33</p>

## 14.17 Display subtitle

DVD disc	<ul style="list-style-type: none"> <li>• Press <b>SUBTITLE</b> (56) to change the subtitle language. All languages are displayed successively.</li> <li>• Press <b>SUBTITLE</b> (56) until <i>OFF</i> is displayed to deactivate the subtitle language.</li> </ul> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>• This function is only available if the DVD was recorded with several subtitle languages.</li> </ul>
Audio/MP3/WMA/JPEG disc	<ul style="list-style-type: none"> <li>• Function not available.</li> </ul>

## 14.18 Select audio language

DVD disc	<ul style="list-style-type: none"><li>• Press <b>AUDIO</b> (33) to select the audio language for the DVD.</li></ul> <p><b>Note:</b></p> <ul style="list-style-type: none"><li>• This function is only available if the DVD was recorded with several audio languages.</li></ul>
Audio/MP3/ WMA/JPEG disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.19 Access menu

DVD disc	<ul style="list-style-type: none"><li>• Press <b>RETURN</b> (55) or <b>MENU</b> (52) during playback to open the DVD menu.</li><li>• Press <b>▶  </b> (58) to resume DVD playback.</li></ul>
JPEG disc	<ul style="list-style-type: none"><li>• Press <b>RETURN</b> (55) during playback to display the title and folder overview.</li></ul>
Audio/MP3/ WMA disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.20 Rotate image

JPEG disc	<ul style="list-style-type: none"><li>• Press <b>←</b> (61) / <b>→</b> (35) during image display to rotate it in 90° steps.</li><li>• Press <b>↑</b> (64) / <b>↓</b> (60) during image display to mirror it horizontal/vertically.</li></ul> <p><b>Note:</b></p> <ul style="list-style-type: none"><li>• This function only changes the display of the image. The image is not saved.</li></ul>
DVD/Audio/ MP3/WMA disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 14.21 Slideshow effects

JPEG disc	<ul style="list-style-type: none"><li>• Press <b>PROGRAM</b> (51) during playback to change the image transitions. You can select from 15 effects.</li><li>• The selected effect is not stored. Select the effect again with each new slideshow.</li><li>• Press <b>STOP ■</b> (36) to deactivate this function.</li></ul>
DVD/Audio/ MP3/WMA disc	<ul style="list-style-type: none"><li>• Function not available.</li></ul>

## 15 Setup Menu in DVD Mode

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### 15.1 Access setup menu

Press **SETUP** (27) to access the main menu of the DVD player. In the setup menu you can adjust the following settings:



system settings



language settings



audio settings

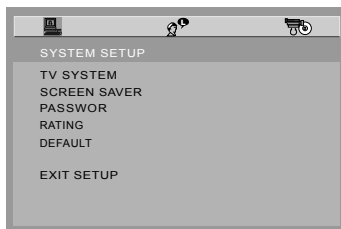
- Use ← (61) / → (35), ↑ (64) / ↓ (60) to navigate in the setup menu.
- Press ↵ (62) to confirm a selection or input.
- Press **SETUP** (27) again, or select *EXIT SETUP* and confirm with ↵ (62) to close the setup window.

#### Note:

- Some settings are disabled during disc playback. Stop disc playback to enable the corresponding settings.

### 15.2 System settings

- Press **SETUP** (27) and select *SYSTEM SETUP*.



<i>TV SYSTEM</i>	This setting concerns the TV output signal and depends on the connected equipment. In Europe mainly PAL is used.	
	<i>NTSC</i>	All DVDs are played in NTSC format. To play NTSC DVDs a connected TV set must be set correspondingly.
	<i>PAL</i>	All DVDs are played in PAL format.
	<i>AUTO</i>	The TV system is adjusted automatically, depending on the connected TV set.
<i>SCREEN SAVER</i>	<p>Activate/deactivate screen saver. The screen saver is activated:</p> <ul style="list-style-type: none"> <li>• 3 minutes after pressing <b>STOP ■</b> (36).</li> <li>• After turning the unit on, if no disc is inserted after 3 minutes.</li> </ul> <p>During DVD playback the screen saver is not activated.</p>	
<i>PASSWORD</i>	<p>The preset password is 0000. Press ← (62) and enter a new password with the numeric buttons (49) to change the password and confirm with ← (62).</p> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>• If you forget your password, you can deactivate the parental settings with 0000.</li> </ul>	

## RATING

Specify that DVDs may not be played starting from a certain content rating. There are eight different rating options.

### Select a rating option:

- In order to set one of the options, select *RATING* in the setup menu.
- Press  $\uparrow$  (64) /  $\downarrow$  (60) to select a rating option.
- Press  $\leftarrow$  (62) to confirm.
- Select *PASSWORD* in the setup menu.
- Enter your password and press  $\leftarrow$  (62) to disable the *RATING* settings.
- This sets the parental function. The DVD player only plays DVDs which correspond with the specified rating options.

### Note:

- A content rating must be stored on the DVD for the parental function to work. If this is missing on the DVD, the parental function cannot work.

### Disable parental setting:

- Select *PASSWORD* in the setup menu.
- Press  $\leftarrow$  (62) and enter your password with the numeric buttons (49).
- Press  $\leftarrow$  (62) to confirm.
- Now select the rating option *ADULT* in *RATING*.
- The parental setting is disabled. All DVDs are able to be played.

1: <i>KID SAF</i>	Children's films can be watched. All movies with a rating are disabled.
2: <i>G</i>	General audiences.
3: <i>PG</i>	Parental guidance is suggested.
4: <i>PG 13</i>	Parents strongly cautioned; for young people aged 13 and under, adult supervision is recommended.
5: <i>PGR</i>	Parental guidance recommended; adult supervision is recommended.

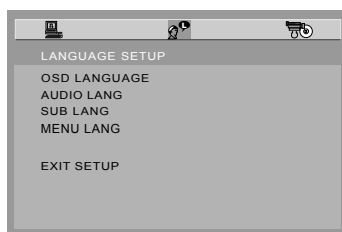


6: <i>R</i>	Restricted; young people under 17 only in company of adults.
7: <i>NC 17</i>	No children; does not permit young people under the age of 17 to watch.
8: <i>ADULT</i>	Only for adults.

<i>DEFAULT</i>	Reset to factory settings.
<i>EXIT SETUP</i>	Exit the setup menu.

### 15.3 Language settings

- Press **SETUP** (27) and select your *LANGUAGE SETUP*.

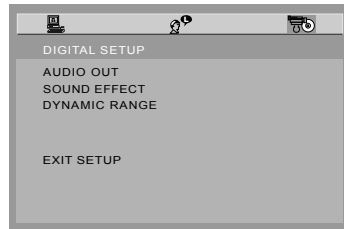


<i>OSD LANGUAGE</i>	Select the language for the DVD menu (default: English).
<i>AUDIO LANG</i>	Select the language for the DVD audio (default: English). Available only if the inserted DVD is recorded with several languages. If the selected language is not available, the DVD starts with another language.
<i>SUB LANG</i>	Select the DVD subtitle language (default: English). Available only if the inserted DVD is recorded with several subtitle languages. Select <b>OFF</b> to start without subtitles.
<i>MENU LANG</i>	Select the DVD menu language (default: English). Available only if the inserted DVD is recorded with menu languages.
<i>EXIT SETUP</i>	Exit the setup menu.

**Note:** During playback you can set audio and subtitles languages (if available) with **AUDIO** (33) and **SUBTITLE** (56).

## 15.4 Audio settings

- Press **SETUP** (27) and select **DIGITAL SETUP**.



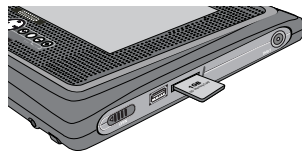
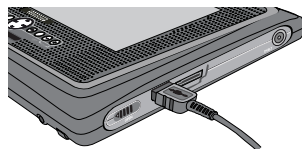
<b>AUDIO OUT</b>	<b>SPDIF/OFF</b>	Select this setting if no external equipment is connected. No digital signal output.
	<b>SPDIF/RAW</b>	Select this setting to output a digital signal if an audio decoder or amplifier with audio decoder is connected to the DVD player. Also read and observe the user manual of the connected equipment.
	<b>SPDIF/PCM</b>	Select this setting to output a digital signal if a digital 2-channel amplifier is connected to the DVD player. Also read and observe the user manual of the connected equipment.
<b>SOUND EFFECT</b>	<b>NORMAL</b>	Select this option to play the DVD with normal sound.
	<b>SURROUND</b>	Select this option to improve the output sound of the DVD (surround sound).
<b>DYNAMIC RANGE</b>	If the playback is too loud or too quiet, you can quiet down louder sections with this function and play quiet sections louder. Press <b>↑</b> (64) / <b>↓</b> (60) to select a value ( <b>OFF</b> , <b>1/8</b> , <b>2/8</b> , <b>3/8</b> , <b>4/8</b> , <b>5/8</b> , <b>6/8</b> , <b>7/8</b> , <b>FULL</b> ) and press <b>←</b> (62) to confirm.	
<b>EXIT SETUP</b>	Exit the setup menu.	

## 16 Data Storage Device Functions (USB/Memory Card)

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### 16.1 Connect data storage device

- The unit can play files from a USB data storage device or a memory card.
- Open the rubber cover (3) on the equipment.
- Connect a USB device via the USB port (5).
- The unit supports USB 1.1 up to a capacity of 2 GB.
- Insert a memory card into the card slot (4).
- The unit supports SD, MS, MS-Pro, and MMC cards up to a capacity of 1 GB.



### 16.2 Select data storage device

- If two data storage devices are connected at the same time after switching the unit on, then the DVD player displays a selection menu. Press  $\leftarrow$  (61) /  $\rightarrow$  (35) to select *Disc*, *USB*, or *Memory Card*. Press  $\leftarrow$  (62) to confirm.
- If you connect a second data storage device during playback, then playback is stopped. The display shows the selection menu.
- Press **STOP** ■ (36) twice to access the selection menu if at least two data storage devices are connected.



### 16.3 File playback

- After connecting the data storage device a folder and file overview, such as with an MP3 CD, are displayed.
- The playback functions in USB and card modes are the same as in disc mode.

### 16.4 Disconnect data storage device

- Slide the ON/OFF switch (21) to the **OFF** position and disconnect the USB device/memory card.

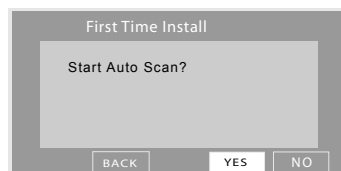
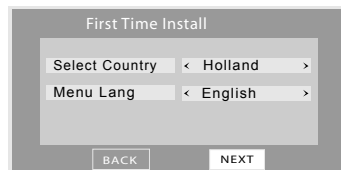
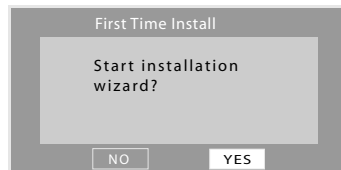
## 17 DVB-T Functions

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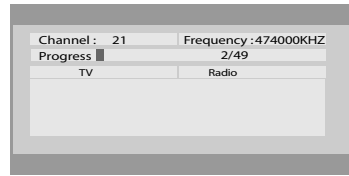
### 17.1 Initial setup

- Connect the active antenna to the DVB-T antenna input (2).
- Turn the DVD player on.
- Use ← (61) / → (35), ↑ (64) / ↓ (60) for menu navigation.
- Press ← (62) to confirm your inputs.
- Press **MODE** (28) to select *DVB* mode.

- The following window is displayed.
- Select *YES* to display the next window.
- Select the appropriate country and specify the menu language.
- Select *NEXT*.
- Press *YES* to start the channel search.



- You will see the progress of the channel search and the channels found in the window.



**Note:**

The reception of DVB-T TV and radio depends on the region which you are in.

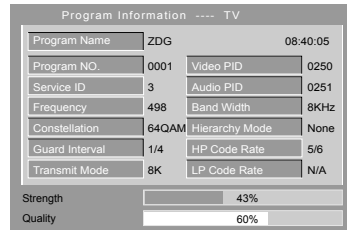
**17.2 Access a channel**

In order to access a channel you have the following alternatives:

- Press **↑** (64) / **↓** (60).
- First press **SHIFT** (47) to activate *SELECT NUM* mode. Enter a number with the numeric buttons (49). With **-/--** (50) you can enter a multi-digit number.

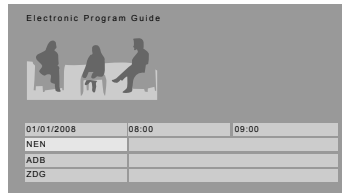
**17.3 Display channel information**

- Press **OSD** (63) to display detailed information for the current channel.



## 17.4 Electronic program guide

- The electronic program guide displays an overview of the programs. It is not transmitted by all TV stations.
- Press **EPG** (40) to enable the electronic program guide.
- Press **↑** (64) / **↓** (60) to select a station.
- Press **←** (61) / **→** (35) to select the time.
- The headings of the programs are displayed.
- Press **EPG** (40) again to close the window.



## 17.5 Display teletext

- Some stations transmit teletext. Teletext is transmitted with the TV signal and therefore needs good reception. This service is not available for all stations.
- Press **TTX** (42) to activate or deactivate teletext.

## 17.6 Change TV system

- Press **P/N** (46) to change the TV system. *NTSC*, *PAL*, or *AUTO* are briefly displayed.

## 18 Setup Menu in DVB Mode

### 18.1 Access setup menu

Press **SETUP** (27) to access the main menu of the DVD player in the DVB mode. In the setup menu you can change the following settings:



channel guide



system settings



channel search

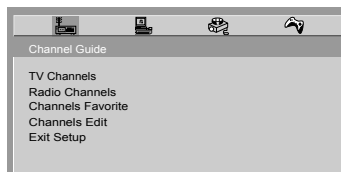


games

- Use ← (61) / → (35), ↑ (64) / ↓ (60) to navigate in the setup menu.
- Press ← (62) to confirm a selection or input.
- Press **SETUP** (27) again, or select *EXIT SETUP* and confirm with ← (62) to close the setup menu.

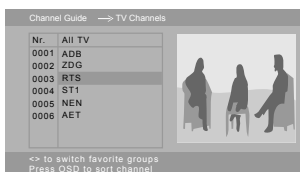
### 18.2 Channel guide

- Press **SETUP** (27) and select channel guide.



#### TV Channels

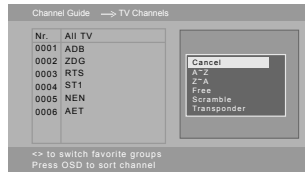
- An overview of all received TV stations is displayed.



- Press **OSD** (63) to sort the stations.

You can sort the stations:

- in alphabetical sequence.
- in reverse alphabetical sequence.
- according to encrypted and free stations.
- Select *Cancel* to display the station overview.
- Press **←** (61) / **→** (35) to display the stations assigned to a favorite group (*Favor, Movie, News, Show*).



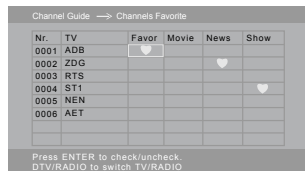
## Radio Channels

- An overview of the radio stations is displayed.

## Channels Favorite

Divide the stations into four groups:

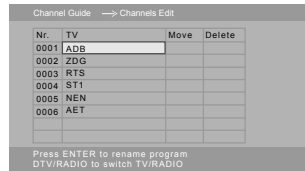
- *Favor (Favorites)*
- *Movie*
- *News*
- *Shows*
- Press **←** (62) to select a station.
- While watching TV, you can select the favorites group with **←** (61) / **→** (35).
- Press **↑** (64) / **↓** (60) to select a station from within the group.



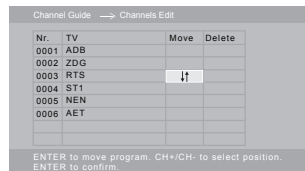


## Channels Edit

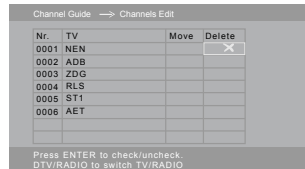
- Change the station name.
- Press ← (62) to edit the name.
- Press ↑ (64) / ↓ (60) to select a character.
- Move the cursor with ← (61) / → (35) to the next character.
- Press ← (62) to confirm the new station name.



- Change the position of the station.
- Press ← (62) to edit the position.
- Press ↑ (64) / ↓ (60) to select the desired position.
- Press ← (62) to confirm the new position.



- Delete a station.
- Press ← (62) to mark the station with a cross.
- The station is deleted.
- In order to reactivate the station, you have to manually tune it again.

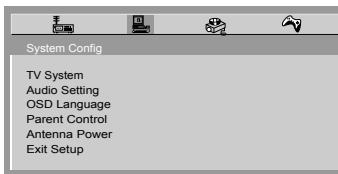


## EXIT SETUP

Exit the setup menu.

## 18.3 System settings

- Press **SETUP** (27) and select *System Config.*



### *TV System*

This setting concerns the TV output signal and depends on the connected equipment. In Europe mainly PAL is used. Read System settings on 38.

### *Audio Setting*

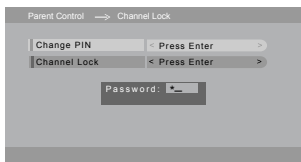
Select between *SPDIF/OFF*, *SPDIF/RAW*, or *SPDIF/PCM*. Read Audio settings on 42.

### *OSD Language*

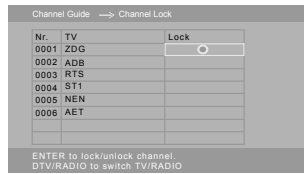
Select the menu language of the DVD player (default: English).

### *Parent Control*

- Change the password.
- Press **↑** (64) / **↓** (60) to select *Change PIN* and press **←** (62) to confirm.
- Enter the old PIN. The preset password is 0000.
- Select a new PIN.
- Enter the new PIN again.
- The new PIN is set.
- Disable a station.
- Press **↑** (64) / **↓** (60) and select *Channel Lock* and press **←** (62) to confirm.
- Enter your password.



- Press ← (62) to disable a station.
- Press ← (62) to enable the station.



### Antenna Power

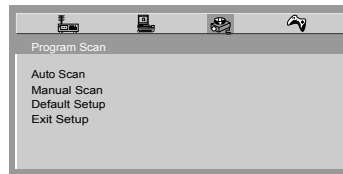
Activate or deactivate the antenna voltage for the external active antenna

### EXIT SETUP

Exit the setup menu.

## 18.4 Channel search

- Press **SETUP** (27) and select *Program Scan*.



### Auto Scan

- Select the country.
- Press ← (62) to start the channel search.
- The found stations are added to the station list.

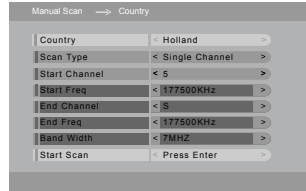


### Note:

- You can also activate the automatic station search with **SCAN** (31) on the remote control.

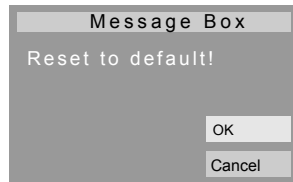
## Manual Scan

- Select the country.
- Select a search type (single channel, channel range).
- Specify a certain start channel (frequency).
- Specify a end channel (frequency).
- Press ← (62) to start the channel search.
- The found stations are added to the station list.



## Default Setup

- Reset to factory settings.
- Press OK to confirm.

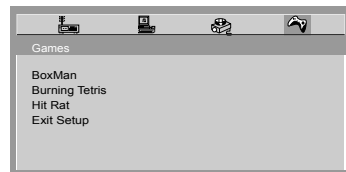


## EXIT SETUP

Exit the setup menu.

## 18.5 Games

- Press **SETUP** (27) and select *Games*.
- You can select between three different games: *BoxMan*, *Burning Tetris*, and *Hit Rat*.



## 19 Care & Maintenance

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### DVD player

- Disconnect from mains power supply before cleaning.
- Only use a dry, soft cloth for cleaning the device.
- Do not use corrosive or abrasive cleaning agents. These may damage the surface of the device.

### Disc

- If a Disc has finger marks or dust on it, wipe off carefully from the center to the edge with a soft cloth.
- Use no anti-static cleaners or other cleaning agents to clean a disc.

## 20 Troubleshooting

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If a problem arises, check the following list before taking the product for servicing. If you cannot solve a problem using the following information, try contacting the Hotline. Under no circumstances should you try to repair the equipment yourself. This will void your warranty.

<b>Problem</b>	<b>Cause/Solution</b>
DVD player cannot be switched on.	<ul style="list-style-type: none"><li>• Ensure that the mains plug is properly connected to the DVD player and the wall outlet.</li><li>• Check your power supply.</li></ul>

<p>DVD player does not start playback.</p>	<ul style="list-style-type: none"> <li>• Check whether the ON/OFF switch (21) is in the <b>ON</b> position.</li> <li>• Insert the disc with the label facing up.</li> <li>• Clean the disc.</li> <li>• The regional code of the DVD player does not correspond with the inserted DVD.</li> <li>• The parental settings prevent the playback of the inserted disc. Disable the parental function.</li> <li>• Condensation in the unit. Turn the DVD player on and wait until the moisture has evaporated.</li> </ul>
<p>No Sound. No picture.</p>	<ul style="list-style-type: none"> <li>• Check the power supply.</li> <li>• Check the volume setting.</li> <li>• Ensure that <b>MUTE</b> (32) is not activated.</li> <li>• Ensure that the A/V cable between DVD player and external equipment is properly connected and that the A/V cable is not damaged.</li> <li>• Ensure that the cable of the active antenna and the DVB-T antenna input (2) are not damaged.</li> <li>• Ensure that the display is not switched off.</li> <li>• Press <b>ADJUST</b> (15) on the unit or <b>ADJUST</b> (30) on the remote control to turn the display on.</li> </ul>
<p>No picture on connected TV set.</p>	<ul style="list-style-type: none"> <li>• Check whether the DVD player and the TV set are properly connected.</li> <li>• Check the TV settings.</li> </ul>
<p>Distorted / cut image.</p>	<ul style="list-style-type: none"> <li>• Check the display format in the image settings.</li> <li>• Press <b>ADJUST</b> (30) to access the image setting menu.</li> </ul>

The remote control does not work.

- Always direct the remote control towards the infrared sensor (14) on the front of the DVD player.
- Ensure that the signal of the remote control is not blocked by any objects.
- Check whether the battery is correctly inserted.
- Replace the exhausted battery.

## 21 Technical Specifications

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### General

Dimensions	260 x 175 x 26,5 mm (L x W x H)
Weight	950 g
LCD screen diagonal	8.5" (21,6 cm)
Resolution	480 x 234 pixels
Speaker output	2 x 1 W
Laser	class 1
Operating temperature	0° to +40° C
Operating humidity	20% to 80%
Storage temperature	-10° to +60° C

### DVD player

Input	DC IN 12 V
Power consumption	≤ 10 W
Max. output voltage on headphone socket	150 mV
Regional code	free

### Universal power adapter

Manufacturer / Model	Ktec / KSAD1200150W1UK
Input	100-240V~50/60Hz
Output	12 V --- 1,5 A

## **Car adapter (cigarette lighter)**

Input	DC 12 V ===
Output	DC 12 V ===

## **Remote control**

Type	infrared
Battery	1 x button cell type CR2025 3 V

## **Headphones**

Manufacturer / Model	DongZang / DY-EP137-B002S
Impedance	32 $\Omega$
Bandwidth	20 Hz to 20000 Hz
Nominal input	3 mW
Wide band characteristic voltage	75 mV

## **DVD playback**

NTSC, PAL

## **Compatible media**

Video	DVD, DVD $\pm$ R/RW
Audio	8/12 cm CD, CD-R, CD-RW

## **Compatible formats** DAT,

MPEG4 (AVI), MPEG2, VOB,  
JPEG, MP3,WMA

## **Connectors DVD player**

Video input / output	jack (3,5 mm)
Audio input / output	jack (3,5 mm)
Headphones output	jack (3,5 mm)
DVB-T	DVB-T antenna input
USB	USB port, USB1.1, max. 2GB
Memory card	SD/MS/MS-PRO/MMC card slot, max. 1 GB



## 22 Disposal

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### Battery

Please dispose of exhausted batteries in an environmentally-friendly manner. Do not dispose of batteries in your normal household trash.

### Device

Please remember that your consumer electronics equipment is subject to the European directive 2002/96/EC to reduce electronic waste.



- Therefore, it is prohibited to dispose of your equipment with your household garbage.
- Information regarding the disposal of old devices is available through your local municipality, at the garbage disposal administration, and at the shop where you acquired this product.
- You can return this device free of charge at local collecting points.
- Proper disposal of old equipment prevents environmental damage and does not endanger your health.

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