SilverCrest

KH 2360

■ MOBILE DVD-PLAYER WITH TWO MONITORS

GB **WITH TWO MONITORS**

Instruction Manual

KH 2360

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Read these operating instructions carefully before using the appliance for the first time and preserve this manual for later reference. Pass this manual on to whoever might acquire the appliance at a future date.
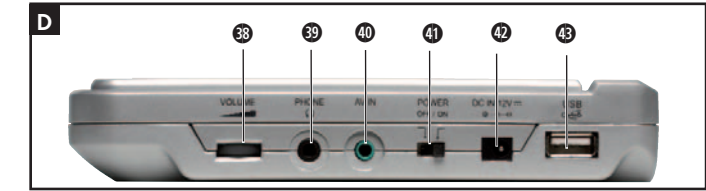
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KH 2360
Portable DVD player

1. Technical Data

DVD player

Power consumption
DVD player + 2 LCD: 24 Watt
TV standard: PAL/NTSC
Operating temperature: 10° ~ +40°C
Operation humidity: 0 ~ 80 %
                        (No condensation)
max. storage
medium size: 1GB (USB/memory card)
Laser: Laser class 1

Mains plug

Input: AC 100-240 V~50/60 Hz 0,6A
Output: DC 12 V - 2.5A
Manufacturer: Kuantech (Shen Zhen) Co., LTD.
Model: KSAFE1200250W1UK

Vehicle adapter

Type: KD627
Input: DC 12 V/max. 10 A
Output: 1500 mA

Headphones

Model: LXF-D103
Impedance: 32±15% Ohm
Power rating: 3 mW
max. power consumption: 10 mW

LCD screens

Resolution: 480(H) x 243 (V) Pixels
Viewing area: 154,08° (H) - 87,5° (V)

2. Applications and functions

The SilverCrest KH 2360 DVD player is intended exclusively for private, non commercial use in enclosed spaces.

Playback formats

- DVD videos in the 12cm and 8cm (diameter) formats marked with the country/region code 2 or ALL ALL and by the logo DVD video DVD.
- MPEG4 and DivX "Standard" videos (DivX versions 3.11, 4.x, 5.x, 6.x).
- Video CDs (VCDs) and Super Video CDs (S-VCDs) in the 12cm and 8cm (diameter) formats.
- Audio CDs in the 12cm and 8cm (diameter) formats marked with the logo CD.
- Data format CD Audio (.cda), MP3 (.mp3), Windows Media Audio (.wma), DivX (.avi), (.mp4) and JPEG (.jpg) on the storage medium CD-R, CDRW, USB memory stick as well as memory cards of the type SD and MMC.

Output/playback device

The following devices can be connected to the DVD player for image output/playback (if these devices have available the corresponding connection potentials and connection of a DVD player is provided for/ allowed by the manufacturer of the playback device):

- Stereo and Mono televisions with the formats PAL or NTSC and the picture formats 4:3/16:9.
- LCD/Plasma screens or video projectors.
- Video devices such as DVD player, video recorder, TV receiver or game consol.

For output/playback of sound and/or music the following devices can be used and/or connected to the portable DVD player:

- from the speaker of one of the televisions connected to the DVD player
- from external audio components such as a HiFi system, receiver or surround sound system (analogue)
- from other external image and sound sources

The two supplied 7 inch LCD monitors, which connect to the DVD player, are provided for image and sound outputs.

3. Safety Instructions

- This appliance is not suitable for children or for people whose physical, sensorial or intellectual faculties prevent the safe usage of the appliance without support or supervision. Children should be watched-over to ensure that they do not play with the appliance.
- Pull the power supply unit from the power socket after every use and before cleaning to avoid unintentional switch ons.
- Check the appliance and all parts for visible damage. The safety concept can work only if the appliance is in a faultless condition.
- The power plug must always be easily accessible, so that the appliance can be quickly separated from the mains in the event of an emergency.

Danger of electrical shocks.
- Connect the appliance only to correctly installed and properly earthed power sockets. The mains voltage must conform with the specifications on the ratings plate of the power supply unit.
- Only use the supplied power supply unit. If you replace the power supply unit, only replace it with one of the same model.
- Arrange for defective power plugs and/or cables to be replaced at once by qualified technicians or our Customer Service Department.
- Arrange for customer service to repair or replace connecting cables and/or appliances that are not functioning properly or have been damaged.

Never submerge the device or the power cable in water. Wipe it only with a slightly damp cloth.

- Do not expose the appliance to rain and never use it in a humid or wet environment.
- Make sure that the power cord does not become wet during operation.
- You may not open the housing or repair the appliance yourself. Should you do so, appliance safety can no longer be assured and the warranty will become void.
- Protect the appliance against drip and spray water. Do not place any water-filled vessels (e.g. flower vases) on the appliance.
- If water enters the DVD player or the LCD monitors or if they fall into water, irreparable damage can occur and there exists the danger of electric shock!

Risk of fire!
- Do not use the appliance in the vicinity of hot surfaces.
- Do not keep the appliance in places exposed to direct sunlight, Otherwise, it may overheat and become irreparably damaged.
- Do not leave the appliance unattended when in use.
- Never cover the ventilation slots of the appliance while it is being used.
- Do not operate the DVD player in the immediate vicinity of a heat source such as an oven, hot air blowers (in a vehicle: close to heating vents) and similar devices! Heat contact can lead to the equipment overheating and to melting of plastic parts, whereby the DVD player could be irreparably damaged!

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- Do not operate the DVD player in cupboards, on shelves, in the glove compartment or other enclosed furnishings as well as not on beds and covers because the ventilation of the DVD player will be impaired and it could overheat.

    ⚠ *When overheated the DVD player can be irreparably damaged and the risk of a fire exists!*

- This device must not be placed in the immediate vicinity of flammable materials, for example curtains, flammable liquids etc.
- Do not place any open sources of fire, like candles, on the device.

Injury hazard

- Keep children away from the connecting cable and the appliance. Children frequently underestimate the dangers of electrical appliances.
- Ensure that the appliance stands with a safe and secure positioning.
- Do not operate the appliance if it has sustained a fall or is damaged. Arrange for the appliance to be checked and/or repaired by qualified technicians.
- Keep batteries away from children. Children can put batteries into their mouths and swallow them.

⚠ *Important!*

Never mount the device and monitors in the vehicle whilst it is in motion!
There is a considerable risk of injury in the event of an accident!
Use the device mounted in the vehicle only when the vehicle is standing still.

Make sure that the device is securely packed away in the supplied carrying case whilst driving.

⚠ *Danger! Laser radiation!*

The appliance is fitted with a „Class 1 Laser".

- Never open the device.
- Never attempt to repair the device.
- There is invisible laser radiation inside the device. Do not expose yourself to the laser beam.

⚠ *Thunderstorms!*

Equipment connected to a power supply can be damaged during a thunderstorm.
For this reason always remove the power supply unit from the power socket during a thunderstorm.

⚠ *Important!*

Plug the power supply unit of the DVD player into a power socket only after you have connected the DVD player to a television or to the 7 inch LCD monitors. With a power connection via the vehicle adapter, connecting the adapter is always the last step. In the event that you wish to change the type of video or audio connection first pull beforehand, without fail, the power supply unit from the power socket! Otherwise the DVD player and possibly equipment connected to it could become irreparably damaged through voltage peak strikes!

⚠ *Important!*

The main switch on the right side is used for the ON/OFF function. It is not used as a disconnect switch for the mains voltage. The power supply unit is used to disconnect from the mains power. In order to completely disconnect the equipment from the mains voltage the power supply unit must be pulled from the power socket. The power socket for the power supply unit should be situated close to the device and easily accessible

Notice regarding surge voltages (FEO / fast electrical overloads):

In a case of malfunction due to an electrical fast transient (power surge) the product must be returned to default settings in order to re-establish normal operation. It is possible that the power supply will have to be disconnected and then reconnected again. The batteries (if present) must be removed and then reinserted.

Notice regarding the handling of batteries/rechargeable battery pack

The remote control is run by a battery. For the handling of batteries please observe the following:

⚠ Risk of Explosion!

Do not throw batteries into a fire. Do not recharge non-rechargeable batteries.

- Only recharge batteries that are specifically designated "Rechargeable" or are designed to be recharged.
- Never open batteries, never solder or weld batteries. The risk of explosions and injuries exist!
- Regularly check the condition of the battery. Leaky batteries can damage the remote control.
- If you do not intend to use the remote control for a long time, remove the battery.
- Put on protective gloves when handling a depleted battery.
- Clean the battery compartment and the battery contacts with a dry cloth.

4. Appliance description

Ⓐ Remote control

❶ POWER button
(Switch the DVD player on and off)

❷ DISP button
(Display of the playback information)

❸ N/P button (NTSC/Pal/Multi selection)

❹ PLAY/PAUSE button
(Start and pause of the current playback)

❺ STOP button (Stop playback)

❻ FF button (Fast forward - x2, x4, x8, x16, x32)

❼ REPEAT button
(Repeat chapter, title, song, the entire disc)

❽ SETUP button
(Superimpose OSD / settings menu)

❾ Navigation button ▶

❿ MENU (Superimpose DVD menu)

⓫ VOL +/- buttons
(Volume output increase/decrease)

⓬ USB/CARD/DVD button
(Select USB/memory card contents)

⓭ PREV button
(Skip backwards a chapter or unit)

⓮ SLOW button
(Adjust playback speed)

⓯ NEXT button
(Skip forwards a chapter or unit)

⓰ Navigation button ▲

⓱ ENTER button (Confirm input)

⓲ Navigation button ▼

⓳ MONITOR 1/2 button
(Select LCD monitor AV-IN and DVD)

⓴ Number buttons 0 to 9 (Numerical input 0-9)

㉑ 10+ button (for two digit number input)

㉒ GOTO button (Skip to chapter or song)

㉓ PROGRAMME button
(Set the title or song sequence)

㉔ ZOOM button (Image enlargement/reduction)

㉕ ANGLE button (Change camera perspective)

㉖ SUBTITLE button (Superimpose/fade out subtitles)

㉗ AUDIO button (Change playback language)

㉘ FR button (Fast rewind - x2, x4, x8,x16, x32)

㉙ A-B button (Repeat sequence)

㉚ TFT MODE button (Set contrast, hue, saturation and sharpness)

㉛ Navigation button ◀

㉜ TITLE button (Superimpose DVD/CD contents)

㉝ MUTE button
(Switch off playback sound)

Ⓑ Top of the DVD player

㉞ OPEN button
(press to open the disc draw)

Ⓒ Rear of the DVD player

㉟ AV OUT (Audio/Video output)

㊱ MONITOR 1 (Connection socket for LCD monitor 1)

㊲ MONITOR 2 (Connection socket for LCD monitor 2)

Ⓓ Right side of the DVD player

㊳ VOLUME
(DVD players headphone output volume control)

㊴ Phone (Headphone connection)

㊵ AV IN
(Audio/Video input for external devices)

㊶ POWER OFF/ON (Switch off/on)

㊷ DC IN 12V
(Connection socket for 12V power supply)

㊸ USB (USB connection)

Ⓔ Front panel of the DVD player

㊹ SD/MMC
(Memory card slot for SD/MMC cards)

㊺ IR (Infrared receiver sensor)

㊻ ON/STANDBY
(Standby indicator)

Ⓕ Front panel of the LCD monitor

㊼ Monitor

㊽ Power LED
(Illuminates red when the device is switched off)

㊾ IR sensor for the remote control signal

㊿ LCD monitor speaker

Ⓖ Underneath the LCD monitor

51 CONNECT TO MAIN UNIT
(Connection socket to the DVD player)

52 PHONE (Headphones connection)

53 BRIGHTNESS (Adjust the brightness of the LCD screens)

54 SCREEN (Format change switch 16:9/4:3)

Ⓗ LCD monitor right side

55 POWER (LCD monitor on/off switch)

56 VOLUME
(Volume control for LCD monitors only)

5. Starting Up the Device

5.1 Unpacking

1. Remove the DVD player, both monitors and the accessories from the packing.

2. Remove all adhesive tapes, foils and transport restraints.

⚠ *Important!*

Do not permit small children to play with plastic packaging. There is a risk of suffocation!

5.2 Check the delivered contents

Before puting the appliance into use, check that all items are present and free of visible damage.

1 DVD Player

2 7 inch LCD monitors

1   Remote control

1 Battery for the remote control, CR2025/ 3 V

1 Power supply unit

1 AV cable 3 x Cinch on 3.5mm jack plugs

2 DIN connection cables for the LCD monitors

1 Vehicle adapter

1 Carrying case with two securing straps for the headrest

2 Headphones

1 Operating manual

5.3 Preparing the remote control

Inserting the battery

The remote control requires a battery of the type CR2025/3V button cell (supplied):

1. Pull the battery compartment out of the remote control.
2. Now place the supplied battery, of the type CR2025 (button cell) in the battery compartment. Make sure that the battery is inserted in accordance with its correct polarity.
3. Slide the battery compartment back into the remote control.

Using the remote control

In order to guarantee faultless operation when using the remote control...

• When using the remote control always point it directly at the infrared sensor ㊾ on the front panel of the device.
• Make sure that there are no obstructions between the remote control and the DVD player that will hinder reception
• When using the remote control place yourself not more than 5 metres from the DVD player

otherwise interferences can occur during operation of the DVD player functions with the remote control.

6. Attaching the LCD monitor to a headrest

For attachment to the headrest use exclusively the supplied Velcro fastening strap and pad.

1. Remove the pad from the Velcro fastening strap.
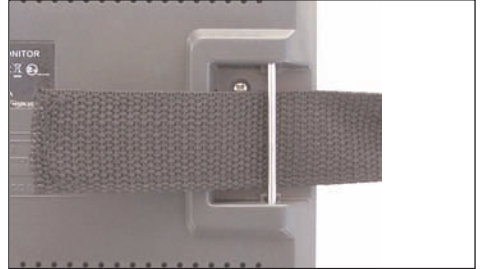
2. Pull the Velcro fastening strap, with the Velcro side towards the rear, through the right retainer on the rear of the LCD monitor. Please do not pull the strap through the left retainer at this time.

3. Pull the open end of the strap through the pad. The unpaded side must be facing the device.

4. Finally, pull the strap through the left retainer. The plastic tab should now point to the right.

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5. Before fastening, place the elastic safety strap that is secured to the LCD monitor, around the headrest and/or headrest mounting.

6. Hold the LCD monitor against the headrest and pull the Velcro strap from the inside to the outside, through the plastic tab. The Velcro must also here point in the direction of the headrest.

7. The plastic tab should lie to the left side, viewed from the direction of travel, of the headrest (as in the diagram above).

8. Join the open end of the Velcro fastening strap with its opposite side at the front of the headrest. Make sure that the strap sits securely and is tight.

9. The Velcro fastening strap should be attached to the centre of the headrest. If possible do not impede the headrests height adjustment mechanism.

ⓘ *Note:*

If you are using the LCD monitor in a vehicle make sure that the monitor does not interfere with safety relevent components such as airbags, seat airbags or side airbags.

Fastening to active headrests is not recommended.

If you install the LCD monitors in a vehicle make sure that the cables are layed in a manner that will not cause them to be a trip hazard and they do not obstruct entry to and exit from the vehicle.

7. Carrying out connections

7.1 Connecting the LCD monitors to the DVD player

Connect both LCD monitors to the DVD player by joining the sockets CONNECT TO MAIN UNIT ➎ on the monitors with the inlets MONITOR 1 ➌➏ and MONITOR 2 ➌➐ each with a DIN connection cable.

ⓘ Note:

> Use exclusively the two supplied DIN connection cables to connect the LCD monitors to the DVD player.
>
> You can also connect only one LCD monitor to the DVD player.

If you install the LCD monitors in a vehicle make sure that the cables are layed in a manner that will not cause them to be a trip hazard and the connection cables to the DVD player do not obstruct entry to and exit from the vehicle.

In addition the device can be connected to other input and output devices:

- with a television set
- with a video or DVD recorder
- with a receiver, also, for example, a stereo system
- with a Dolby Digital system

⚠ Important!

> Make sure that all devices are switched off before you connect them. Do not plug the device into the mains power until all connections have been made.

7.2 Mains power connection

Connection with the power supply unit
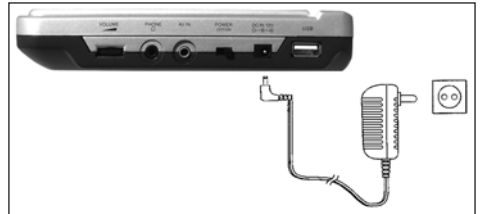
1. Plug the power supply unit device plug in the socket DC IN 12V ➍➋ on the DVD player.
2. Plug the power supply unit into a power socket.

ⓘ Note:

> Before you connect the DVD player to the mains power with the power supply unit, switch the DVD player with the POWER ON/OFF switch ➍➊ off - Position OFF. First connect the device plug with the socket DC IN 12V ➍➋ on the DVD player.

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Making a power connection with the vehicle adapter

1. Plug the device plug of the vehicle adapter in the socket DC IN 12V ⓮ on the side of the device.
2. Plug the vehicle adapter into a suitable 12V socket, for example the cigarette lighter connection in the vehicle.

ⓘ *Note:*

- *The supplied vehicle adapter may only be used in vehicles with a 12V power system.*

- *The DVD player may only be operated with the supplied vehicle adapter.*

- *Do not use the supplied vehicle adapter for other devices.*

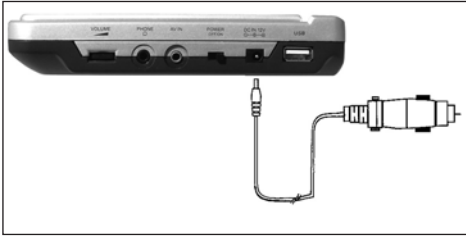- *After use remove the vehicle adapter from the DVD player and from the vehicles power socket.*

7.3 Connection to another device

Connection to a television

The DVD player can be connected to televisions which operate with the PAL or NTSC standards. In this way you can transmit the display onto the television screen.
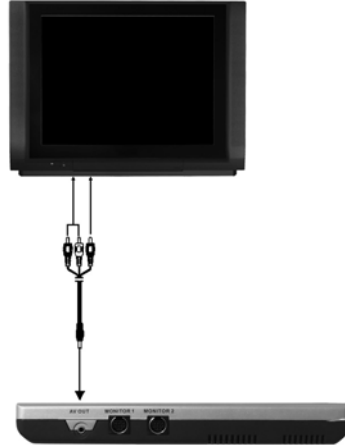
1. Switch off the DVD player and the television.
2. Connect the jack plug of the supplied AV cable with the AV-OUT output ㉟ on the DVD player.
3. Connect the yellow cinch cable for the image signal with the FBAS video input (yellow) on the television.
4. Connect the red/white cinch cable for the sound signal with the sound input (red/white) on the television.

In the same way you can also connect the DVD player with a video or DVD recorder in order to transmit the DVD players video and audio signals to these devices.

Audio connection with a stereo system
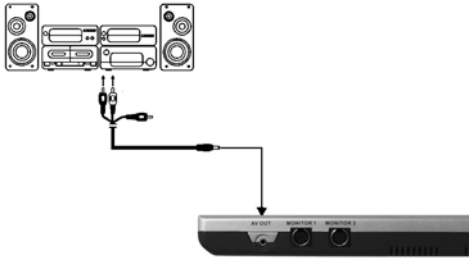
1. Switch the DVD player and your stereo system off before making connections.
2. Connect the jack plug of the supplied AV cable with the AV-OUT output ❸❺ on the DVD player.
3. Connect the red/white cinch cable for the sound signal with a sound input (red/white) on your stereo system.

Connecting external devices to the DVD player via AV IN (i.e. game consol)

You can playback images and sound from an external device via the DVD player.
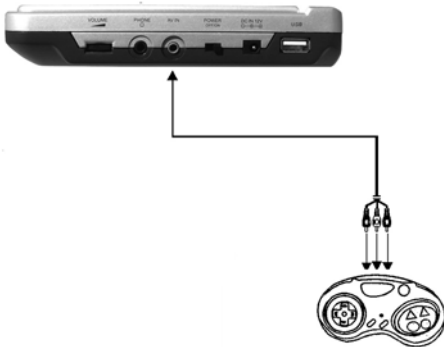
1. Connect the jack plug of the supplied AV cable with the AV IN input ❹❶ on the DVD player.
2. Connect the yellow cinch cable for the image signal with the FBAS video output (yellow) on the external device.

3. Connect the red/white cinch cable for the sound signal with the sound output (red/white) on the external device.
4. To display the external image on the LCD monitors press the button MONITOR 1/2 ❶❾ to switch the DVD player to the AV IN mode.

ⓘ *Note:*

Depending on the data carrier the display can remain black for a few seconds until the DVD players image is again displayed.

*The sound of an external device connected to the DVD players audio input will also playback if the device is set to an operating mode other than AV.*

Setting the TV standard

Press several times the button N/P ❸ to set the television standard for the video input. The setting will be shown in the display.

PAL	For video signals in the PAL television standard.
MULTI	The video signal will be recognized automatically.
NTSC	For video signals in the NTSC television standard.

7.4 Headphone connection

⚠ *Important!*

Only use the supplied type LXF-D103 head-phones.

1. Connect the headphones jack plug with the socket on the DVD player ❸❾ or the LCD monitors ❺❼.
2. Adjust the volume before connecting to the DVD player ❸❽ and the LCD monitors ❺❻ to a low level.

3. If headphones are connected to the DVD player or the LCD monitors there will be no sound output from the AV output ⓧ of the DVD player or from the built in speakers on the LCD monitors ⓧ.

⚠️ *Important!*

Listening to music over long periods with full volume on headphones can lead to hearing damage

7.5 Setting the display position

In the event that you find the image quality of a DVD to be insufficient, slightly swivel the display to optimize the viewing angle.

8. Card reader and USB connection

8.1 Inserting memory cards/USB memory sticks with MP3/WMA/Mpeg4/ JPEG data

ⓘ *Note:*

The DVD-Player always starts in DVD mode. To read memory cards press the button USB/CARD/DVD ⓧ on the remote control. The DVD player recognizes the data formats JPEG, MP3, WMA and MPEG4. The cards must be in FAT 16 or FAT 32 formats, the player can not recognize NTFS. The player only supports 3.3V memory cards, older types with 5V operational voltage will not be recognized.

Proper insertion of memory cards of the type SD and MMC into the DVD player:

1. Switch the DVD player on.

2. Make sure that the LCD monitor is ready for operation.

If the LCD monitors, the DVD player and possibly other connected devices (i.e. an audio component) are ready for operation and are switched on and the DVD player is connected correctly to the LCD monitors or to a television you will now see the SilverCrest logo on the TV screen.

If no disc is inserted into the player NO DISC will be displayed on the LCD monitors.

3. Now slide the memory card into the memory card slot ⓧ on the front panel of the DVD player.

Observe the following steps - depending on which type of memory card you would like to playback.

⚠️ *Warning!*

Always be sure to insert the memory cards into the memory card slots as described below!

Never bend the memory cards while inserting them into the memory cards slots!

Slide the memory card up to the stop in the memory card slot, with a light pressure.

Allow the memory card to slide in without force:

• Check to make sure that the memory card is one that the DVD player is capable of reading.

⚠️ *Important!*

Do not attempt to insert memory cards of another type in the memory card slot!

• Make sure that you have inserted the memory card into the memory card slot in the correct manner.

• Under no circumstances attemt to force the memory card into the memory card slot! Otherwise the DVD player, memory card and the data on the memory card could be damaged!

Supported memory card types

Memory cards of the type SD and MMC can be played back.

MultiMediaCard /SecureDigital memory cards (MMC/SD)
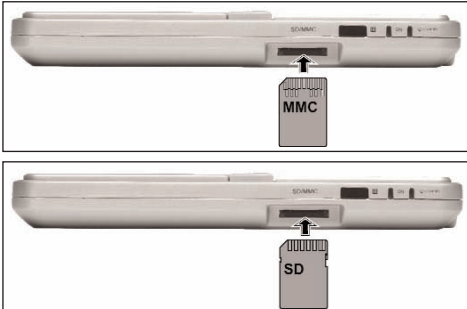
Slide the MultiMediaCard/SecureDigital memory card straight and with the contacts in front into the memory card slot ㊹.

For this purpose...

- the side of the memory card that contains the contacts must face up.
- the slanted corner of the memory card must be on the left side.

USB memory sticks (USB)
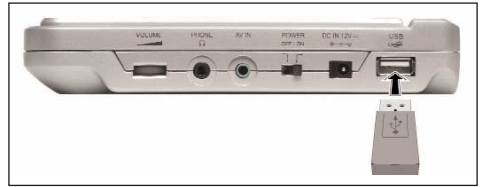
The DVD player supports USB memory sticks 1.1 and 2.0

• Slide the USB memory stick into the USB slot ㊸. Thereby the USB symbol on the USB plug faces upward.

8.2 Displaying the contents of the memory card/USB memory stick

• Press several times the button USB/CARD/DVD ⑫ to display the respective memory card contents.

The currently inserted medium is shown in the display ㊼.

ⓘ **Note:**

> Because chipsets in the USB memory cards differ, no guarantee can be given that all USB memory sticks will be correctly recognized.

8.3 Removal of Memory cards/USB Memory sticks from the memory card slot

Memory cards/USB Memory sticks should only be removed after the memory card slot is deactivated. Thus avoiding the possibility of damage or data loss.

• Press the button USB/CARD/DVD ⑫ to return to the DVD mode.
• You can now remove the memory card/USB memory stick from the memory card slot ㊹.

8.4 Playback procedure for a memory card:

If you have correctly inserted a memory card or a USB memory stick into the SilverCrest DVD player and pressed the button USB/CARD/DVD ⑫ on the remote control, the player automatically recognizes the folders and data that exist on the memory medium.

These will be displayed on the screen in the players data browser and, as is described in chapter 14, are handled in exactly the same way as a DVD/CD medium.

9. Use

- Carry out the required connections as described in chapter 7 and provide a power supply.

9.1 Switching the device on and off in the standby mode

- Set the switch POWER ⑪ to the position ON to switch the DVD player on.

The LCD monitors turn on and the background image appears.

If no disc is inserted into the disc tray the notice LOADING will appear briefly followed by the prompt NO DISC.

- To switch the device to standby mode press the button POWER ❶ on the remote control.

The Power LEDs ㊽ on the LCD monitors light up. In this condition the device can again be switched on via the button POWER ❶ on the remote control.

- To switch off the DVD player altogether, set the switch POWER ⑪ to the position OFF.

9.2 Display settings

- Press the button TFT-MODE ㉚ to access the display settings. The settings can be accessed at any time.
- Select with the navigation buttons ▲ ▼ ⑯ ⑱ one of the inputs Contrast (Contrast), Hue (Hue), Saturation (Saturation) and Sharpness (Sharpness).
- With the navigation buttons ◀ ▶ ㉛ ❾ you change the value.
- To exit the settings press the button TFT-MODE ㉚ again.

9.3 Setting the image format

- Set the switch SCREEN �54 on each LCD monitor either to 4:3 or 16:9 to set the image format of the LCD monitors.

10. The setup menu

The DVD player has a screen menu available, in which you can carry out image and sound settings as well as other functions such as, for example, activation of the child lock. When you carry out changes in the setup menu, these changes are saved even when the device is switched off.

- You can set the default settings at any time in the menu PREFERENCE PAGE.
- The setup menu can be accessed during play-back. To have access to all the settings you must be in the stop mode. To achieve this press the button STOP ❺ twice.

The setup menu subdivides into the following menus:

- General setup menu
- Video Setup
- Preference settings

Navigating in the menu

1. Press the button SETUP ❽ to access the setup menu. The main menu appears GENERAL SETUP PAGE.
- With the navigation buttons ◀ ▶ ▲ ▼ ⓷⓪ ❾ ⓰ ⓲ and the button ENTER ⓱ you carry out all the settings in the menu.
2. With the navigation buttons ◀ ▶ ⓷⓪ ❾ select a menu by moving the yellow highlighting under the corresponding menu symbol.
3. With the navigation buttons ▲ ▼ ⓰ ⓲ select an input in a menu by moving the yellow bar over an input.
4. With the navigation button ▶ ❾ change an input in the submenu and the navigation button ◀ ⓷⓪ will take you back a menu level.
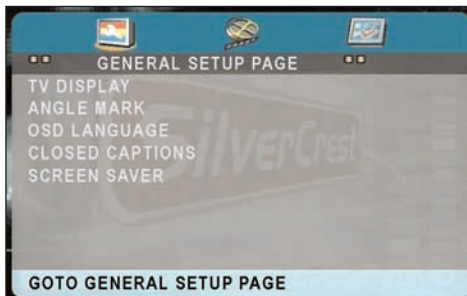5. To confirm a selection press the button ENTER ⓱.

All navigation possibilities in a current menu are displayed at the lower edge of the menu.

Exiting the setup menu

- You can exit the setup menu at any time by pressing the button SETUP ❽ again.

10.1 General Setup Page

When you access your DVD players setup menu with the button SETUP ❽ the menu GENERAL SETUP PAGE appears.

TV display

Here you can match the vertical and horizontal image display to the playback device in use.

Normal/PS: Select this setting to display broadcasts in the usual 4:3 format on a 4:3 television set. Broadcasts in the 16:9 format will be displayed in full screen without the distracting bars although the side edges of the image will be trimmed.

Normal/LB: Display of a film in 16:9 format on a traditional 4:3 format television. The image is displayed with black bars on the lower and upper edges of the screen.

Wide: This setting is recommended when using the supplied LCD monitors or for the output of an image on a wide-screen television in 16:9 format

Angle Mark

On some DVDs particular scenes are recorded from various viewing angles.

- Select the input ON in order to switch to the next viewing angle by pressing the ANGLE ㉕ button during playback of the film.
- To deactivate this function select the input OFF.

OSD Language

Here you set the language, in which the OSD Menu will be displayed on the television screen.

Closed Captions

You set this if by every playback of a DVD the subtitle (if present) is to be automatically displayed on the television screen.

- For this purpose set the function to ON.
- If you want to activate the subtitles manually set this function to OFF.

The subtitles can be set, during playback, with the SUBTITLE button ㉖.

Screen Saver

In this menu you can activate or deactivate the screensaver. The screensaver protects the DVD players LCD screen or the picture tube of a connected television set from a displayed image burning onto the screen. To activate the screen saver set this function to ON. The screen saver will now switch on when the playback is stopped and no activity takes place for several minutes.

- To switch the screen saver off set the function to OFF.

10.2 Video Setup Page
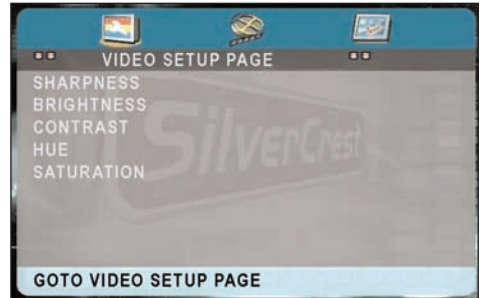
In this menu you can set the image parameters of the output video signal and thus align with the playback quality of the image on the connected picture screens.

Sharpness

Here you set the image sharpness to HIGH, MEDIUM or LOW.

Brightness

Set with the aid of the buttons ◀ ▶ ㉛ ❾ the brightness.

- Subsequently press the button ENTER ⑰ to continue.

Contrast

Set with the aid of the buttons ◀ ▶ ㉛ ❾ the contrast.

- Subsequently press the button ENTER ⑰ to continue.

Hue

Set with the aid of the buttons ◀ ▶ ㉛ ❾ the hue. The further the controller is pushed to the right the warmer the entire image becomes. On the other hand pushed to the left the image radiates a cooler ambience.
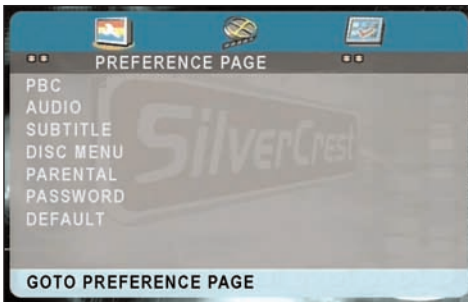
- Subsequently press the button ENTER ⓱ to continue.

Saturation

Set with the aid of the buttons ◀ ▶ ㉛ ❾ the colour saturation.

- Subsequently press the button ENTER ⓱ to continue.

10.3 Preference Page

In this menu you can set the language settings for the audio and subtitle playback as well as activate the child lock function and set up a password for the DVD player.
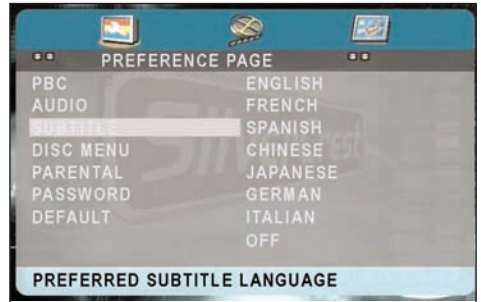
PBC

Here you can switch the playback control (**P**lay**b**ack **C**ontrol) on or off.
With Video CDs (VCDs or S-VCDs) the button MENU ❿ can be used to display the discs main menu when the PBC function is switched on.

AUDIO

Set the audio language here, which should be used as standard when playing back the film.

SUBTITLE

Set the sub title language here, which should be used as standard when playing back the film.

DISC MENU

Set the disc menu language here, which should be used as standard when playing back the film.

PARENTAL

Some DVDs and CDs are encoded with an encryption signal. In this way DVDs can be divided into eight different approval classes.

1. Select one of the following approval classes to protect the playback of this media class with a password request:

8 ADULT: for adults only;
7 NC 17:   not for teenagers under 18 years of age;
6 R: for teenagers under 16, adult supervision is strongly recommended;

5 PGR:	for teenagers under 16, adult supervision is recommended;
4 PG 13:	adult supervision strongly recommended; some scenes are not suitable for children under 12;
3 PG:	adult supervision recommended;
2 G.:	for all age groups;
1 KID SAF.:	also suitable for small children.

Example

If a DVD was encoded with, for example, approval class 7 or 8 and you have an approval class setting between 1 and 6 then a message follows and the password must be entered.

Also only parts of the DVD, that is to say certain film scenes, may be encoded with an approval class or various approval classes.

2. To activate the age approval select an approval class and then enter your password with the number buttons ❷⓿ in the password request box that follows. The factory default password is **136900**.

3. Confirm your entry by pressing the button ENTER ❶⓿.

ⓘ **Note:**

In the next menu item PASSWORD you can change the factory default password and enter a new password for the child lock.

PASSWORD

Here you can change the preset password (136900) and enter your own password.. Only the numbers 0-9 can be used.

1. To change the password select the input CHANGE.

2. Enter in the line OLD PASSWORD the valid password with the number buttons ❷⓿ . The highlight changes to the next line NEW PASSWORD.

3. Enter the new password with the number buttons ❷⓿. The highlighting changes to the next line CONFIRM PWD.

4. Enter the new password with the number buttons ❷⓿. The tab changes to the OK field.

5. Press the button ENTER ❶⓿.

The password has now been changed.

ⓘ **Note:**

In the event that you forget your password you can use the factory default password (136900).

DEFAULT

Here you reset the DVD player's factory default settings. All language, image, sound and general settings will be reset to the default settings. Exceptions to this are the child lock and the password since it would be of little use if your child could simply reset them.

11. Sound functions

11.1 To control the Volume
- With the buttons VOL+/- ⓫, the volume control on the device ㊳ or on the LCD monitors ㊶ you increase and/or decrease the volume.

11.2 Mute
- Press the button MUTE ㉝ to switch the sound off.
- To switch the sound on again press the MUTE ㉝button again or press one of the buttons VOL+/- ⓫.

12. Playback functions

To play a disc with the DVD player:
- Switch your LCD monitors on.
- Make sure that the DVD player is ready for operation.
With this DVD player you can playback the following discs:
- DVD (Country code 2 or ALL)
- Video CD
- Super Video CD
- MPEG4 Discs
- DVD+R DL
- DVD-R DL
- DVD+RW
- DVD+R
- DVD-RW
- DVD-R
- CD-R
- CD-RW
- Audio CD
- MP3
- JPEG

ⓘ **Note:**

Multisession playback is not possible, play-back of unfinalised discs is not possible

If the LCD displays, the DVD player and possibly other connected devices (i.e. an audio component) are ready for operation and are switched on and the DVD player is connected correctly to the television you will now see the Silvercrest logo on the LCD screens. If there is no disc in the disc tray of the DVD player NO DISC will be shown on the television screen.

1. Open the disc tray by pressing the button OPEN ㉞ on the top panel of the device. OPEN will now appear in the display.
2. Place the disc in the disc tray with the inscribed side facing up. When you insert the disc you will feel a slight resistance, which you can overcome with light pressure, now the disc is sitting firmly on the spindle.

   With double sided discs the side that you want to play must be facing down.

3. After you have inserted the disc please close the lid of the disc tray until it audibly locks into place.
4. The contents of the inserted disc will now load; this may take a few seconds. Playback of the inserted disc begins automatically.

12.1 Playback start, stop, pause
Depending on the inserted disc it is possible that the contents do not immediately play back, but first a selection menu appears in the display.
- In this case select with the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⓰ ⓲ the menu item, which will start the playback of the film.
- To start playback of the film press the button ENTER ⓱ or the button PLAY/PAUSE ❹.

Pause playback

To pause the playback:
- During playback press the button PLAY/PAUSE ❹.

The prompt **II** appears in the display.

The display shows a freeze frame of the scene you have just paused.
- To continue playback of the film press the button PLAY/PAUSE ❹.

Stop playback

To stop playback, press the button STOP ❺.

Resume function

If you stopped playback of the inserted DVD/VCD/S-VCD by pressing the button STOP ❺ once then the DVD player automatically saves the position, at which you stopped the playback. This function is called "Resume function".

The display will show PRESS PLAY KEY TO CONTINUE.
- As soon as you press the PLAY/PAUSE ❹ button again playback will continue from the saved position.
- If you press the button STOP ❺ a second time, the saved position, at which you stopped playback is deleted.
- As soon as you press the button PLAY/PAUSE ❹ again playback of the inserted DVD/VCD/S-VCD starts from the beginning.

12.2 SKIP function (Chapter/Title forward/backward)

ⓘ **Note:**

This function may not be available on all DVDs/ VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.

- With the buttons SKIP ▶▶ ⓫ forwards and SKIP ◀◀ ⓭ backwards you can, during playback, skip within the film on the inserted DVD/VCD/S-VCD to the beginning of the next chapter/title or skip back to the previous chapter/title.

The respectively selected chapter/title will immediately play back without you having to press the PLAY/PAUSE ❹ button.

12.3 Search forward/backwards

- Press the button FF ▶▶ ❻ or FR ◀◀ ㉘,during playback, to start a search forwards/backwards.
- Press the button FF ▶▶ ❻ or FR ◀◀ ㉘ several times to apply the following search speeds:

$$2X \rightarrow 4X \rightarrow 8X \rightarrow 16X \rightarrow 32X$$
$$\rightarrow PLAY \leftarrow$$
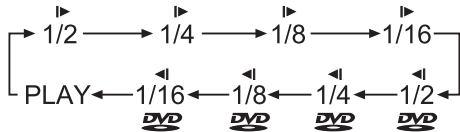
ⓘ **Note:**

During the search no sound will play.

- To continue playback of the film at normal speed from the selected position, during the search, press the button PLAY/PAUSE ❹ twice.

(i) *Note:*

> *With playback of MPEG4 files the speed of search forward and search backwards can be limited. This is data dependent and not a device malfunction.*

12.4 Slow motion function (DVD, VCD, S-VCD and DivX only)

• Press the button SLOW ⓮ to set playback to slow motion. Press the button SLOW ⓮ several times to apply the following slow motion speeds:

(i) *Note:*

> *During slow motion playback no sound will be played.*

• To continue playback at normal speed, during slow motion playback press the button PLAY/PAUSE ❹.

(i) *Note:*

> *With VCDs, S-VCDs and MPEG4 files slow motion backwards is not supported.*

12.5 Image enlargement (Zoom)

(i) *Note:*

> *This function may not be available on all DVDs/VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.*

During playback of an inserted DVD/VCD/S-VCD you can enlarge and reduce the image on the television screen in three stages.

• Press the button ZOOM ㉔ several times to apply the following enlargement and/or reduction:
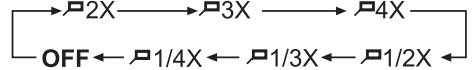
With the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⓰ ⓲ the enlargement section can be shunted.

12.6 Viewing angle (DVD only)

(i) *Note:*

> *This function may not be available on all DVDs/VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.*

Many films on DVD contain chapters, which were recorded from different viewing angles simultaneously. Films that have such chapters available allow you to observe these chapters from various perspectives.

• For this, during playback of the inserted DVD, press the button ANGLE ㉕ on the remote control. Each press of the ANGLE ㉕ button will switch to one of the available viewing angles.

12.7 Repeat function for DVDs, VCDs, S-VCDs and Audio CDs

With the repeat function you can...

... in the case of DVDs, selectively repeat title, chapter or the entire DVD.

... in the case of VCDs/S-VCDs individual titles and/or the entire VCD/S-VCD repeatedly playback.

... in the case of audio CDs, playback repeatedly a particular track and/or the entire CD.

To switch on repeat playback...
- Press several times, during playback, the button REPEAT ❼.

The repeat symbol ⭯ appears in the display with one of the following notifications:

CHAPTER   Select CHAPTER to continuously repeat the current playback chapter until playback repeat is switched off or playback is stopped by pressing the button STOP ❺ twice.

TITLE   Select TITLE to continuously repeat the current playback title until playback repeat is switched off or playback is stopped by pressing the button STOP ❺ twice.

ALL   Select ALL to continuously repeat all available titles on the disc, thus the entire disc, until playback repeat is switched off or playback is stopped by pressing the button STOP ❺ twice.

No Display To switch off repeat playback press the button REPEAT ❼ several times during playback until no more notifications appear in the display.

12.8 Repeat sequence (A – B)
With this function you can repeat playback of a favourite sequence within a chapter of the current playback disc.
To do this ...
- During playback press the button A – B ㉙ as soon as the start of the desired sequence is reached. On the television screen the repeat symbol ⭯ appears with the notice A.

- Press the button A – B ㉙ again as soon as the end of the desired sequence is reached. With this, bear in mind that the beginning and end of the sequence must fall within the same chapter.

On the television screen the repeat symbol ⭯ appears with the notice AB.

Repeat playback of the selected sequence begins immediately without having to press the PLAY/PAUSE ❹ button. The sequence will continuously repeat until you press the button A – B ㉙ again to switch off the function.

12.9 Direct title/track selection
To select a title/track on the disc directly, during playback, enter the title/track number via the number buttons ⑳.
If there are more than 9 titles press the button 10+ ㉑ and then enter the corresponding title/track number.

Example:
Press the button 10+ ㉑ and enter the number "2" to playback the title/track number 12.

If there are more than 19 title/tracks you must press the button 10+ ㉑ twice and enter the next number or press the button 10+ ㉑ twice and enter the number "2" to playback track/title 22.

12.10 Direct chapter, title or time selection via the search function

ⓘ Note:

This function may not be available on all DVDs/VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.

If you do not want to playback the entire disc you can select a particular chapter/time position.

- For this press, during playback, the button GOTO ㉒ several times to superimpose the following displays one after the other:

DVD

```
T:01/10      C: ▉ /45
TITLE 01/10   TIME      :  :
CHAPTER 04/45 TIME      :  :
```

CD/VCD/SVCD

```
DISC GO TO: - - : - -
TRACK GO TO: - - : - -
T: - - / 1 3
```

DivX/MPEG

```
SELECT  : - - -
GO TO: - : - - : - -
```

DVD

T C:	Enter here a chapter number from where playback should start.
TITLE TIME	Enter here a time position for the current played back title, from where playback should start.
CHAPTER TIME	Enter here a time position for the current playback chapter, from where playback should start.

CD/VCD/SVCD

DISC GOTO:	Enter here a time position on the disc from where playback should start.
TRACK GOTO:	Enter here a time position for the current playback title from where playback should start.
T:- -:	Enter here a title number from where playback should start.

DivX and MPEG CD

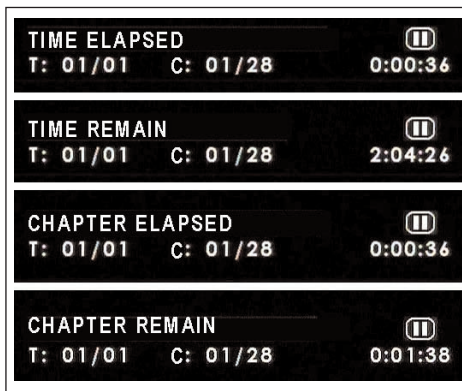|	
SELECT:	Enter here a title number on the disc from where playback should start.
GOTO:	Enter here a time position for the current playback title from where playback should start.

13. Display functions

13.1 Display disc information

ⓘ *Note:*

This function may not be available on all DVDs/ VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.

With this function you can superimpose all the available information from a DVD/VCD/S-VCD inserted into the DVD player onto the television screen during playback.

* During playback press the button DISP ❷ several times to superimpose, one after the other, the following information:

```
TIME ELAPSED              ⏸
T: 01/01   C: 01/28      0:00:36

TIME REMAIN               ⏸
T: 01/01   C: 01/28      2:04:26

CHAPTER ELAPSED           ⏸
T: 01/01   C: 01/28      0:00:36

CHAPTER REMAIN            ⏸
T: 01/01   C: 01/28      0:01:38
```

With DVDs:
* the current title number/the total number of titles
* the current chapter number/total number of chapters
* the played back so far time in hours, minutes and seconds (TIME ELAPSED)
* the remaining time of the title in hours, seconds and minutes (TIME REMAIN)
* the played back so far time of the chapter in hours, minutes and seconds (CHAPTER ELAPSED)

* the remaining time of the chapter in hours, seconds and minutes (CHAPTER REMAIN)

With VCDs/S-VCDs/DivX/MPEG CDs
* the played back so far time of the current playback title on the CD in minutes and seconds
* the remaining time of the current playback title on the CD in minutes and seconds

For audio CDs:
* the current title number/the total number of titles
* the played back so far time of the current playback title on the CD in minutes and seconds (SZ)
* the remaining time of the current playback title in minutes and seconds (TR)
* the total played back time of the CD in minutes and seconds (DZ)
* the remaining time of the CD in minutes and seconds (DR)

Fading out disc information
* To fade out the disc information press the button DISP ❷ again.

13.2 Accessing the DVD menu

ⓘ *Note:*

This function may not be available on all DVDs/ VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.

With many films on DVD there is a main menu on the disc that apart from the option of playing the main film enables you, for example...
* to choose the language for subtitles and film dialogue
* to select direct from chapters
* to playback the films bonus material (Background information, "Making of" etc.)

If such a menu is present on the DVD that is inserted into the DVD player then you can access it, during playback, by pressing the button MENU ❿.

- You select particular menu items by pressing the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⓰ ⓲; to confirm the selected menu item press ...
- the button PLAY/PAUSE ❹

or

- the button ENTER ⓱.

To return to playback press the button MENU ❿ again.

ⓘ *Note:*

If you cancel playback by pressing the button STOP ❺ twice (Playback stop without resume function) activation of the main menu on the disc is not possible.

13.3 Playback Control (PBC) with VCDs/S-VCDs

Many VCDs/S-VCDs have Playback Control (in short "PBC"). Playback control means a main menu, which allows for operation of several functions of the VCD/S-VCD.

If PBC is available on the disc inserted into the DVD player then you must first activate it in order to superimpose the menu.

To activate PBC...

- During playback or when playback is stopped press the button MENU ❿. In the display the notice PBC OFF appears.
- Press the button MENU ❿ again. In the display the notice PBC ON appears. PBC is now switched on and the main menu on the disc can be accessed with the buttons MENU ❿ or TITLE ㉜ .

ⓘ *Note:*

If you switch on PBC during playback then it is possible that playback will stop and start again from the beginning and/or with the main menu.

13.4 Superimpose and fade out subtitles (DVDs/VCDs/S-VCDs only)

ⓘ *Note:*

This function may not be available on all DVDs/VCDs/S-VCDs! If you attempt to carry out functions that are not available the symbol ⊘ will appear in the display.

In the event that the film on the inserted DVD/VCD/S-VCD has subtitles available then you can superimpose these on the television screen during playback by pressing the button SUBTITLE ㉖.

- With the first press of the button SUBTITLE ㉖ the subtitle of the first available language will be superimposed on the television screen.
- With each further press of the button SUBTITLE ㉖ the subtitles in subsequent available languages, one after the other, will be superimposed on the television screen.

The number of the currently superimposed sub title language will be superimposed on the television screen (i.e. "1/10" for the first of ten available subtitle languages).

- When the last of the available subtitle languages is superimposed (i.e. "10/10" for the tenth of ten available subtitle languages) then you can switch off the subtitle function by pressing the button SUBTITLE ㉖ again. OFF will be superimposed on the television screen.

13.5 Changing the playback language

(i) Note:

*This function may not be available on all DVDs/
VCDs/S-VCDs! If you attempt to carry out func-
tions that are not available the symbol ⊘ will
appear in the display.*

- With many films on DVD/VCD/S-VCD you can
  select another playback language, during play-
  back, by pressing the button AUDIO ㉗.
- With the first press of the AUDIO ㉗ button the first
  available playback language will be switched
  on. With each further press of the AUDIO ㉗ but-
  ton other available playback languages will be
  switched on one after the other.

The currently switched on playback language will
be superimposed on the television screen.

13.6 Programming function

You can programme a playback sequence for the
titles and chapters that are available on the DVD,
VCD, S-VCD disc.
For this, during playback, you press the button PRO-
GRAMME ㉓ to superimpose the following window:

Programming window

```
PROGRAMM:  TT (04) / CH ( - - )

1   TT:      CH:        6   TT:      CH:
2   TT:      CH:        7   TT:      CH:
3   TT:      CH:        8   TT:      CH:
4   TT:      CH:        9   TT:      CH:
5   TT:      CH:       10   TT:      CH:

            ENDE                    ▶▶|
```
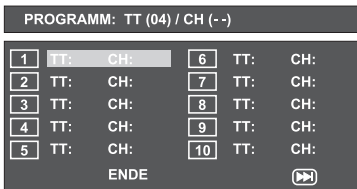
The upper line shows the total number of titles (TT:)
available on the disc.
Under this the programme positions 1-10 are listed,
programme position 1 is highlighted.

1. Enter with the number buttons ⑳ the number of
the title, which shall be played back first.

The upper line will now show the chapters available
in this title (CH:).

2. Enter with the number buttons ⑳ the number of
the chapter that shall be played back. The high-
lighting moves to the programme position 2.

3. Select with the navigation buttons ◀ ▶ ▲ ▼
㉛ ❾ ⑯ ⑱ further programme positions and
enter the title and chapter number for these
programme positions.

- To show the next 10 programme positions select
  with the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⑯
  ⑱ the field ▶▶| and press the button ENTER ⑰.
  You can allocate up to 20 programme positions.
- To delete entries in a programme select the pro-
  gramme position and press the button ENTER ⑰.
- To cancel the programming function select the
  field EXIT and press the button ENTER ⑰. All allo-
  cated programme positions are deleted.

4. Start playback of the programme position by
selecting the field START and pressing the but-
ton ENTER ⑰.

During the programmed playback the notice PRO-
GRAMME appears in the display.
The programme list will be deleted as soon as you
press the STOP ❺ button.

14 Display of MP3/ WMA/JPEG/AVI/ MPEG and DivX data

• Insert a storage medium into the DVD player. The contents of the data medium will be shown on the display:

Display of MP3 data

```
00:00  00:00 160kbps  ▶  ▌▌▌▌▌▌▌ı.ıı▌▌▌▌
001/012

📁 ..                          ▲
🎵 01  TITLE1
🎵 02  TITLE2
🎵 03  TITLE3
🎵 04  TITLE4
🎵 05  TITLE5                   ▼
                        DISC
```

Display of JPEG data

```
00:00  00:00           ◻
001/012

📁 ..                          ▲
🖼 01  PICTURE1
🖼 02  IMAGE2
🖼 03  PICTURE3
🖼 04  PICTURE4
🖼 05  PICTURE5                 ▼
                        DISC
```
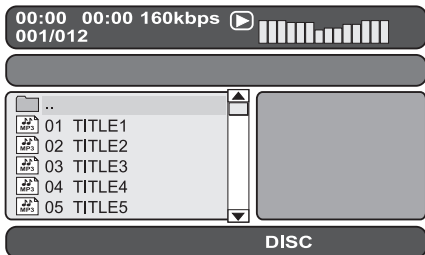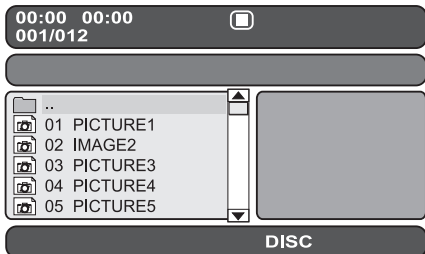
Display of AVI, MPEG and DivX data

```
00:00  00:00           ◻
001/012

📁 ..                          ▲
📹 01  MOVIE1
📹 02  CLIP2
📹 03  MOVIE3
📹 04  MOVIE4
📹 05  VIDEO5                   ▼
                        DISC
```
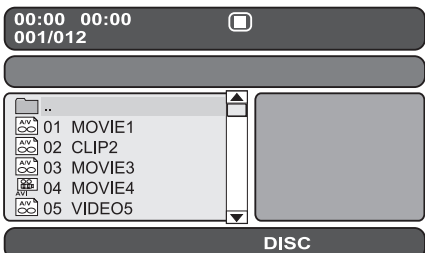
• The data will be listed on the left (Data window). Folders will be depicted with the symbol 📁 .
• To superimpose the folders available on the disc press the button PROGRAMME ㉓ several times until the notice FOLDER appears at the bottom of the display.
• Press the button PROGRAMME ㉓ again. Folders will now be faded out and all data on the disc is represented in a list.
• The area on the right is intended for the previewing of JPEG images. A preview appears as soon as you highlight a JPEG data in the data window.
• At the bottom is located the information bar, in which is displayed the image size (JPEG Image) as well as the medium (DISC, USB or SD/MMC), on which the data is located.
• Select a data with the help of the navigation buttons ◀ ▶ ▲ ▼ ㉛ ⑨ ⑯ ⑱. By pressing the button ENTER ⑰ you confirm your selection. The data will be played back and/or the JPEG Photo displayed.
1. To open a folder, select the folder and press the button ENTER ⑰. The contents of the folder will be listed.
2. To reach a higher folder level select the symbol 📁 with the entry ".." and press the button ENTER ⑰.

15. Playback of MP3/ WMA/MPEG and DivX discs

- Select a data with the help of the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⑯ ⑱. By pressing the button ENTER ⑰ you confirm your selection. Playback starts immediately.

With the playback of music or video data the following functions can be used:

Play/Pause

See "12 Playback functions"

Stop

See "12 Playback functions"

Skip

See "12 Playback functions"

Search

See "12 Playback functions"

Slow (with MPEG and DivX data only)

See "12 Playback functions"

Zoom (with JPEG, MPEG and DivX data only)

See "12 Playback functions"

AB Repeat

See "12 Playback functions"

15.1 Repeat function with MP3/WMA/ MPEG/JPEG/DivX discs

During playback press the button REPEAT ❼ several times to apply the following repeat functions (the set function appears in the display):

REPEAT1	Endless repeat of the current title/image.
REPEAT FOLDER	Repeat the current folder.
REPEAT ALL	Repeat all folders.
SHUFFLE	Random playback of all titles/images.
RANDOM	Random playback of all titles/images whereby each title/image will played back only once.
SINGLE	One time playback of the current title/ image (Repeat function off).

15.2 Replay of JPEG discs

- Highlight with the navigation buttons ▲ ▼ ⑯ ⑱ an image and press the button ENTER ⑰ or PLAY/PAUSE ❹ to open the image.

The image is shown on the display

Subsequently change the view to the next available image on the disc/in the folder.

- To show the currently displayed image longer press the button PLAY/PAUSE ❹.
- To continue the playback press the button PLAY/PAUSE ❹ again.
- You can access an image direct by entering the data number of the image with the number buttons ⑳ and subsequently confirm with the button ENTER ⑰ .
- With the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⑯ ⑱ you can, during playback, rotate the image in 90° steps.

- During playback press the button STOP ❺ to display a miniature view of all the images in the folder/ on the disc. 12 miniatures will be displayed on each page.

- Select with the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⑯ ⑱ an image and start playback with ENTER ⑰ or PLAY/PAUSE ❹.
- Select with the navigation buttons ◀ ▶ ▲ ▼ ㉛ ❾ ⑯ ⑱ one of the following entries of the lower display line and confirm with ENTER ⑰:

Slide Show   Starts a slide show of the images in the folder/on the disc

Menu   Shows the available button functions for JPEG playback. Press the button ENTER ⑰ until this view has faded out.

Prev changes to the previous page

Next   changes to the next page

- Press the button MENU ❿ to change back to the data list again.

16. Playback of USB/SD/MMC data mediums

16.1 Compatible data mediums

With your device you can playback MP3/WMA/ JPEG/AVI/MPEG/DivX data from USB data mediums (Universal Serial Bus = universal interface for data transfer) like, for example, a USB Stick or Flash memory card in the SD/MMC formats.

ⓘ *Note:*

Due to the vast number of available storage mediums there can be no guarantee of compatibility with all current and future storage mediums. Do NOT connect to the device any hard discs that are equipped with a USB connection! This can result in the loss of data!

16.2 Using USB/SD/MMC data mediums

1. Plug the USB plug of the USB data medium in the USB connection ㊸ of the DVD player and/or an SD/MMC-card in the slot for SD/MMC cards ㊹ as described in chapter 8.
2. Press the button USB/CARD/DVD ⑫ several times until at the bottom in the display ㊼ the notice "USB" and/or CARD appears.

The playback of MP3/WMA/AVI/MPEG/JPEG/ DivX data is exactly the same as playback from a disc.

- To switch back to the disc playback again press the button USB/CARD/DVD ⑫ several times until at the bottom in the display ㊼ the notice DISC appears.

17. Cleaning of the DVD player

- Clean the housing of the DVD player exclusively with a soft damp cloth and a mild washing-up liquid. When cleaning make sure that no moisture gets into the DVD player!
- If necessary, clean the inside of the disc tray exclusively with a clean dry brush (i.e.a lens brush, obtainable from a photographic dealer). Never use anything wet to clean the inside of the disc tray!

⚠️ **Warning!**

Moisture penetrating into the DVD player creates the risk of an electric shock! Besides which, moisture can cause irreparable damage to the DVD player!

18. Disposal

Do not dispose of the appliance in your normal domestic waste.

Dispose of the appliance through an approved disposal centre or at your community waste facility.

- Observe the currently valid regulations In case of doubt please contact your local waste disposal centre.

18.2 Disposing of batteries!

- Batteries should not be disposed of with household waste. Every consumer is obliged by law to deposit all batteries at a collecting point of his community/his precinct or to return them to a shop.

This obligation is intended to ensure that batteries are disposed of in an environmentally safe fashion. Only dispose of batteries when they are fully discharged.

19. Troubleshooting

Display is blank/DVD player shows no functions even though it is switched on

A Check whether the power supply unit is properly plugged into the socket.

B Check to see that the socket, into which you have plugged the power supply unit of the DVD player is supplying electricity by plugging in another device. If necessary, plug the power supply unit of the DVD player into another socket.

C Switch off the DVD player with the POWER switch and then wait ten seconds. Subsequently switch the DVD player on again.

Display shows "No Disc" even though a disc is inserted

A The disc is dirty, scratched or damaged. Clean the disc or insert another disc.

B The Country/Region code on the inserted DVD/VCD/S-VCD does not correspond to the Country/Region code of the DVD player. In this case the DVD/VCD/S-VCD cannot be played with the DVD player.

Inserted disc will not playback

• A film of condensation may have formed on the laser sensor lens of the DVD player. In particular this may occur if the DVD player has been subjected to large temperature fluctuations.

If this is the case place the DVD player in a dry environment at normal room temperature. First remove any disc that may be inserted into the disc tray. Then leave the DVD player switched off for at least one hour without using until the condensation film has evaporated.

No image or black/white image only

A Check to make sure that all connection cables between the DVD player and the LCD monitors (or other devices) are firmly inserted into the corresponding sockets

B Check to see that the television standard, which you set with the N/P button matches the connection variation, with which you have connected the DVD player to a television (or video projector) .

C Check by means of the televisions (or Video projectors) operating instructions to see if settings to the television (or Video projector) may be necessary in order to use the DVD player with the television.

No sound

A Check to see if the DVD player is possibly switched to mute (MUTE button).

B Check to see that all connecting cables between the DVD player and potentially connected audio components are firmly plugged into the corresponding sockets

C Check to see if you have reduced the volume on the LCD monitors

D Check by means of the televisions operating instructions to see if settings to the television may be necessary in order to use the DVD player with the television.

E Check by means of the operating instructions for a potential connected audio component if settings to it are necessary in order to use it with the DVD player.

No 4:3 or 16:9 image

A Check by means of the televisions operating instructions, which image formats the television has at its disposal.

B Check to see if the settings in the OSD menu match the available image format of the television.

Remote control not functioning

A Check whether the remote control battery is inserted into the battery compartment with the correct polarity.

B Check to see if the remote control battery is depleted and, if necessary change the battery.

C Make sure that there are no obstacles located between the remote control and the DVD player.

D Be situated no more than five meters from the DVD player when using the remote control.

Playback language/ Subtitle language do not correspond to the settings in the OSD menu

The playback language/Subtitle language setting in the OSD menu is not available on the inserted disc.

One or several functions can not be switched on

The selected function may not be available on all DVDs/VCDs/S-VCDs! If you attempt to carry out a function that is not available the symbol ⊘ will appear in the display.

None of the buttons on the appliance or on the remote control are functioning/other malfunctions

A Switch off the DVD player with the POWER switch and then wait ten seconds. Subsequently switch the DVD player on again.

B If the malfunction is still present: Reset the DVD player to its default settings.

Contact one of our service partners in your area if ...

• the stated function defect can not be resolved as described or

• other functional defects arise.

ⓘ *For this see chapter 21 "Warranty and service".*

20. Glossary / Key Word Index

20.1 What are DVDs, VCDs and S-VCDs?

DVDs

DVD is the abbreviation for "Digital Versatile Disc". DVDs are a storage medium for audio and video data; they are available in 8 cm and 12 cm (Diameter) formats. Because of the much higher storage capacity as compared to CD-Rs/CD-RWs DVDs can provide a playback duration of up to eight hours for the audio and video data stored on them.

VCDs/S-VCDs

"Video CD" (VCD) and "Super Video CD" (S-VCD) are designations for two processes of compressed storage, thus space saving, of films on CDs. VCDs and S-VCDs are available in 8 cm and 12 cm (Diameter) formats. Their storage capacity is a great deal lower than that of DVDs. For this reason they only offer a playback duration, for the saved audio and video data on them, of 20 minutes (8 cm format) and/or 74 minutes (12 cm format).

VCDs are available in two versions:

• With version 1.1 VCDs/S-VCDs only audio and video data can be played back.

• With version 2.0 VCDs/S-VCDs, PBC (Playback Control) functions are available. In addition still images can be played back in a higher resolution.

Playback Control (PBC)

Version 2.0 VCDs/S-VCDs have Playback Control (in short "PBC") at their disposal. Then on the VCD/S-VCD a main menu is available, by which various functions of the VCD/S-VCD are allowed to be operated.

20.2 What are Title and Chapter?

Title is the name given to the largest units of image and sound units on DVDs; on many DVDs the (Main) film has the title number 01. For bonus material (i.e. Film trailer, background information etc.), that is available on many DVDs, other possible title numbers can be used.

Chapter is the name given to the next smaller image and sound units beneath title. If the DVD/VCD/S-VCD or its title is divided into chapters, numbers are assigned to you, through the input of which the chapter can be selected direct.

Bear in mind that not on all DVDs ...
- are the DVD or the title divided into (numbered) chapters
- Chapters are also designated as "Scenes" (i.e. in the main menu of DVDs)

20.3 Dolby Surround

Dolby Surround is an analogue sound format, by which the two channels of a stereo sound signal are used in order to accommodate room sound information for further channels. With a Dolby Surround decoder the signals are again converted into sound and/or music and are fed to two additional loudspeakers, which are to be situated behind the listening area.

Dolby Prologic

In comparison to Dolby Surround sound format, with Dolby Prologic an additional channel in the stereo signal is used; this is the so called "Centre" channel. The corresponding centre loudspeaker is to be situated in the middle between the stereo loudspeakers.

The deepest sounds are fed to a bass loudspeaker, the so called "Subwoofer". The subwoofer can be placed in any desired location in the room; the logic for this is that the bass sounds that the subwoofer puts out can scarcely be localized exactly by the human ear

Dolby Digital (5.1)

Dolby Digital, also designated as AC3, is a digital sound format, by which up to six seperate audio channels can be transported. With most of the current DVDs, the sound is stored in the so called "Dolby Digital 5.1" format; the "5" in the title "5.1" stands for three front and two rear surround sound channels, the "1" for the bass sound chanel.

DTS

DTS is the abbreviation for "Digital Theatre System" and refers to one of the most common surround sound formats for DVDs. As with Dolby Digital 5.1, DTS uses three front and two rear surround sound channels as well as a bass sound channel.

20.4 What are PAL and NTSC?

PAL

PAL is the abbreviation for "Phase Alternation Line". PAL is the mid and west Europe (Exception: France, see the heading "SECAM") customary and most wide spread colour television standard.

NTSC

NTSC is the abbreviation for "National Television System Committee". NTSC is a colour television standard that is primarily used in the USA and Japan.

## 20.5 MP3, WMA, JPEG, DivX and MPEG

MP3

MP3 denotes a process and/or format developed by the Fraunhofer Institute for the compression of audio data. In the MP3 format compressed music pieces are only a fraction of their original size, which,

for example, on CD-Rs/CD-RWs allows for storage of a considerably greater volume of music than on commercially available audio CDs, on which audio data is stored in the CDA format.

The structure of an MP3-CD can, for example, appear as follows, if the MP3 data is stored in files:
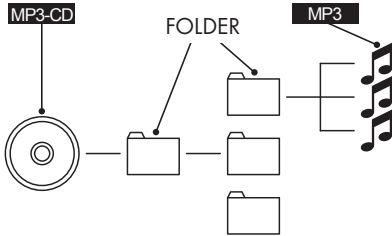
WMA
WMA ("Windows® Media Audio") is a data format developed by Microsoft® for audio data.

JPEG
JPEG ("Joint Photographics Expert Group") denotes a wide spread graphic format, developed by the organization with the same name, with which image data of the colour and grey scales are compressed.

DivX
DivX is a coding format for videos and multimedia data, invented by the DivX Networks, Inc company.

MPEG
MPEG ("Moving Picture Experts Group") refers to a video compression format.

20.6 What are files?
As opposed to audio CDs the title on a CD-R/CD-RW with MP3-, WMA- or JPEG data can be stored in files, for example, in order to file titles from different genres.

21. Warranty and service

The warranty for this appliance is for 3 years from the date of purchase. Should you have grounds for complaint, despite our high quality standards, please contact our Service Hotline. In the event that your complaint cannot be resolved over the telephone, you will receive from them

- a processing number (RMA number) as well as
- an address, to which you can send your product for warranty processing.

In the case of a mail-in shipment please enclose a copy of the purchase receipt (sales slip). The appliance must be securely packed and rhe RMA number clearly visible. Shipments without an RMA number can not be processed.

ⓘ **Note:**

The warranty provisions cover only material or factory defects.
The warranty provisions do not cover

- *worn out parts*

- *damage to breakable parts like switches or rechargeable batteries.*

This product is for private use only and is not intended for commercial use. The warranty is void in the case of abusive and improper handling, use of force and internal tampering not carried out by our authorized service branch. Your statutory warranty claims are not restricted by this warranty.

22. Importer

Kompernass GmbH
Burgstrasse 21
D-44867 Bochum
www.kompernass.com

SilverCrest

MOBILE DVD PLAYER
with two monitors
KH 2360

In order to guarantee a cost free repair procedure please get in touch with the service hotline. Make sure you have your sales slip handy.

Warranty

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Fax: 18398056
e-mail: support.ie@kompernass.com

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