TABLE OF CONTENTS

Safety instructions .............................................. 4

Disposal .......................................................... 6
  Batteries and rechargeable batteries .......................... 6
  Packaging ...................................................... 6
  Device Name .................................................. 6

General information ............................................. 7
  About DVD ..................................................... 7
  Other playable formats ...................................... 8

Preparation ........................................................ 10
  Unpacking the device .............................. 10
  Scope of supply ........................................... 10
  Using the remote control ......................... 11

Connections and connection options ......................... 12
  Setting up the device ............................. 12
  The DVD player connections ...................... 12
  Rechargeable connection ............................. 13
  Set viewing angle ......................................... 18
  Applying the car bag ...................................... 19

Handling the disk ............................................... 20
  Disk types that can be played .................. 20
  Cleaning disks .......................................... 20
  Inserting a disk ........................................... 21

Key functions .................................................... 22
  Controls from the unit, the screen or using the remote control 22
  Colour system ............................................. 23
  Replay functions .......................................... 24
  Search functions ........................................... 24
  REPEAT function ........................................... 26
  Direct title selection - number keys ................ 26
  Direct title/time selection – GO TO .............. 27
  Setting a bookmark ....................................... 27
  Image functions ............................................ 28
  Sound functions .......................................... 29
  DVD menus ................................................. 30
TABLE OF CONTENTS

Audio and subtitle language .................................................. 32
Navigating on MP3 CDs ......................................................... 33
JPEG CDs ............................................................................ 34

Settings in the SETUP menu .................................................... 36
Language Setup menu .............................................................. 37
“Screen Setup” menu ............................................................... 38
Audio Setup menu ................................................................. 39

If errors occur ................................................................. 42

Technical data ................................................................. 44

Code list for selecting the language ........................................ 45
SAFETY INSTRUCTIONS

About these instructions
Read these instructions carefully before using the system; Note the warnings in the operating instructions. Always keep the operating instructions close to hand. If you sell the equipment or give it away, make sure you also hand over these instructions and the guarantee card.

Never let children handle electrical devices
Never allow children to use electrical devices without supervision.
If swallowed, batteries may endanger life. Therefore keep the device and batteries out of the reach of children. If a battery is swallowed get immediate medical assistance.
Keep plastic packaging out of the reach of children. There is a risk of asphyxiation.

Set the device up safely
Place the device on a firm, level surface. It is not designed for use in rooms with a high humidity content (e.g. bathrooms) or have an unusual amount of dust. Always make sure that:
- there is adequate ventilation;
- there are no direct heat sources (e.g. heaters) that could affect the device;
- the device is not in direct sunlight;
- you avoid contact with liquid and water (e.g. do not place vases on top of the device);
- the device is not placed close to magnetic fields (e.g. televisions or other loudspeakers);
- naked flames such as lit candles are not placed near the device.

Power connection
Only plug the device into a mains plug (240V ~ 50 Hz) that is easy to reach and is close to the place where you
SAFETY INSTRUCTIONS

have set the device up. The mains plug must be freely accessible so that you can unplug the device quickly if you have to.

Use only one of the mains adapters supplied. Never try to connect the mains adapter to other connectors as this may cause damage.

Never use the device for a long time if the battery is charging.

Never undertake your own repairs

If the plug, cable or device is damaged pull the plug immediately out of the mains.
Never try to open and/or repair the device yourself. There is a risk of electric shock. If there is a defect, contact our service centre or other suitable specialist workshop.

Storms

Pull the plug and antenna cable out if you are away for a long period of time or if there is a storm.

CD player

The CD player is a Class 1 laser product. The device has a safety system that prevents dangerous laser rays escaping from the device during normal use. In order to avoid eye injuries never manipulate or damage the device’s security system.

Cleaning and maintenance

Only use a clean, soft cloth for cleaning. Never use cleaning solutions that could damage the surface of the devices.
DISPOSAL

Batteries and rechargeable batteries

Do not put used batteries in the garbage. The batteries and rechargeable batteries must be deposited at a collection point for used batteries.

Packaging

All packaging and packaging materials that are no longer required can and should be recycled.

Device Name

Never dispose of the DVD player in the normal household garbage. Ask your shire council for options on disposing of the DVD player properly and in an environmentally friendly way.
GENERAL INFORMATION

About DVD

DVD – Digital Versatile Disk-- is a digital medium that saves information. DVDs are marked with one of the following symbols.

There are different types of DVD with different memory capacities depending on how the information is stored.

DVD structure

Video DVDs are divided into titles and chapters. A DVD can have several titles, which may in turn be made up of several chapters. The titles and chapters are each numbered sequentially:

The first title of a DVD usually comprises licence instructions and manufacturer’s information. The next title is usually the film itself. Other titles may include such items as "making of" documentaries, trailers or information on the actors.

Up to eight languages and sub-titles in up to 32 languages can be stored on DVDs. The languages and sub-titles can be played in any combination.

In many DVDs it is even possible to change the camera angle if the film was recorded from different camera positions.
GENERAL INFORMATION

Regional codes
As a result of the global sales strategy a code has been developed for DVDs that allows the recording only to be played on devices bought in certain regions. This code is based on a system that divides the world into six regions. U.K. is in Zone 2 so your DVD player will only play DVDs that have the regional code 2. The regional code is printed on the DVD packaging (refer to the following logo).

Apart from DVDs with the regional code 4 the device will only play DVDs with the regional code 0 (suitable for any DVD player).

If you find problems when playing certain DVDs make sure that the DVD has the regional code 4 or 0.

Other playable formats

MP3
The MP3 format is a Windows compression format for audio data. MP3 files have to be saved with the file extension *.mp3 so that they can be recognised.

In contrast to traditional audio CDs, MP3 CDs can be sub-divided into directories (folders, albums) and files (tracks, titles) – just like a data CD for your computer.
Available surround sound formats

The device can read two surround sound formats.

Dolby Digital 5.1

In Dolby Digital sound format the audio material is saved digitally. To do this up to five separate full frequency audio channels (front left and right, centre, rear left and right) and an effect or depth channel (5.1) are saved separately. Sound media with the Dolby Digital format are shown by these trademarks. Because each channel is completely independent a realistic sound is created with a “three-dimensional” listening sensation whereby the sound is given distance, movement and a relative position in the room. Your device can read this audio data and sends it to the digital outputs (SPDIF) for decoding.

dts (Digital Theatre Systems)

The dts abbreviation is used for a less frequently used sound format in which up to 6 (5.1) separate channels are saved to a sound medium. Sound media with the dts format are shown by these trademarks. Your device can read this audio data and sends it to the digital outputs (SPDIF) for decoding.
PREPARATION

Unpacking the device

Remove all packing materials.

Caution!
Do not let children play with the plastic film.
There is a risk of asphyxiation!

Scope of supply

When unpacking, ensure that the following parts are included:
- DVD player
- Rechargeable battery 7.2 V, 4200 mAh
- Mains adapter with input 240 V / output 12 V
- 1 mains cable
- 1 car adapter (12 V)
- 1 cinch cable (yellow/white/red/green)
- Remote control
- 1 button battery (3 V; size CR2025)
- 1 car bag
- 2 belts
- 1 headphone
- Operating instructions and warranty documents
Inserting the batteries into the remote control

Do not expose the remote control to moisture because this could damage it.

A button battery (CR2025) is supplied for the remote control.

- Remove the remote control’s battery compartment by pressing the clip in.
- Insert the battery into the compartment so that the plus pole (marked +) points upwards.
- Insert the remote control’s battery compartment again. The clip should click back into place.

Caution!
The enclosed batteries must not be charged, disassembled, thrown into fire or short-circuited. There is the risk of an explosion.

Using the remote control

- Point the remote control to the infrared sensor on the front of the device.

You can use the remote control from a distance of up to around 2 m from the device.
CONNECTIONS AND CONNECTION OPTIONS

To use the device it only has to be connected to the electricity. You can connect it via a 240 V plug or use the rechargeable battery.

However the device can be connected in various ways to other input and output devices:
- to a television
- to a video recorder
- to a receiver, e.g. stereo system

Make sure that all devices are switched off before connecting them. Only connect the devices to the mains when the other connections are complete.

Setting up the device

Place the device on a firm, level surface. Always ensure that
- there is adequate ventilation
- no sources of heat affect the device;
- the device is not in direct sunlight;
- you avoid contact with liquid or water
- the device is not placed close to magnetic fields (e.g. televisions or other loudspeakers).

Some aggressive furniture paints can damage the device’s rubber feet. If necessary, place the devices on a suitable underlay.

The DVD player connections

Your recorder has standard video, and audio outputs for connecting to external devices.
CONNECTIONS AND CONNECTION OPTIONS

**Power connection**

If you want to connect other devices you should make these connections before connecting the DVD player to the mains.

**Connection with mains adapter**

- Insert the mains cable mains adapter plug into the mains adapter.
- Insert the device plug for the supplied mains adapter into the device connection socket on the side of the device.

```
AC Adapter

DC 12 V in DVD player
```

- Push the mains plug into the socket.

**Rechargeable connection**

The device is supplied with a rechargeable battery that you can use to operate the device if there is no other source of power available.

- Before initial use and for each complete charging process the battery must be charged for around 4 hours. A fully charged battery gives a replay time of around 2.5 hours (depending on the type of playback, e.g. the volume).
CONNECTIONS AND CONNECTION OPTIONS

Assemble battery

- Insert the battery with the connections into the connection holes on the rear of the device.
- Slide the battery slightly in the direction shown until you hear it click into place.

Disassembling battery

- Push the catch on the underside of the device forward in the direction shown.
- Pull the battery to the side as shown and then to the rear so that you can lift it up.

Recharge battery

When the battery is attached and the device is connected to the mains power via the mains adapter the battery is charged automatically.

- Install the battery as described below.
- Connect the mains adapter with an appropriate plug.

The control indicator on the other side of the battery lights up red and the charging process starts.
CONNECTIONS AND CONNECTION OPTIONS

Connection options between the DVD player and television

For sound playback it is important that you note the colour codes for left/right on the cinch plugs. The connection for the right channel is always marked red. The connection for the left channel is marked black or white.

Connection with the television using the video-cinch cable

- Connect the VIDEO socket on the DVD player with the VIDEO-IN socket on the television using a video cinch cable.
- If you want to transfer the sound via the television connect the AUDIO-OUT socket on the DVD player with the AUDIO-IN socket on the television using a video-cinch cable.
- Set the INPUT OUTPUT slide switch to the OUTPUT position.
CONNECTIONS AND CONNECTION OPTIONS

Connection with the video recorder using the video cinch cable

You can connect the DVD player with a video recorder. For this you must connect the devices with a video cinch cable (to transfer image information) and an audio cinch cable (to transfer the sound information).

- Connect the VIDEO-OUTPUT socket on the video player with the VIDEO-IN socket on the DVD player using a video cinch cable.
- Connect the AUDIO-OUTPUT socket on the video player with the AUDIO-IN socket on the DVD player using an audio cinch cable.
- Set the INPUT OUTPUT slide switch to the INPUT position.
Connection with Dolby or DTS digital equipment

In addition to the television you can also play back the sound via a connected Dolby or DTS digital device. For modern surround sound devices with a digital input you can connect the DVD player via the AUDIO-OUT or SPDIF socket.

If you want to use the coaxial input on the stereo/surround sound device, connect the OPTICAL-IN socket on the device with the SPDIF socket on the DVD player. Use a cable that is suitable for coaxial input.
CONNECTIONS AND CONNECTION OPTIONS

Connecting ear/headphones

Please note that ear/headphones are not supplied as standard.

There is a headphone connection on the side of the device.

- Connect another set of ear/headphones with a 3.5 mm ratchet plug.

CAUTION!
Before putting on the ear/headphones set the volume to minimum! Otherwise this could cause damage to your hearing.

Set viewing angle

Your portable DVD player has a TFT screen.

If you find that the quality of the DVD image is not adequate turn the device a little to improve the viewing angle.

Please also note that the image quality may even vary with the disk so it may be necessary to choose a different viewing angle for each DVD.
CONNECTIONS AND CONNECTION OPTIONS

Applying the car bag

You can fix the car bag on the back of the front seat in a car. Thus it is possible to enjoy watching or listening to disks in the back of the car.

In order to strap the pouch on the front seat, please proceed as shown in the following pictures:

1. 
2. 
3. 
4. 
5. 
6. 

- In order to reverse the picture which is now upside-down, press the REVERSE-button on the unit.
HANDLING THE DISK

Disk types that can be played

You can play DVD, CD, CDRW, MP3-CD and SVCD media on the DVD player. You can insert all the disks listed here into this device without an adapter.

| DVD  | Disk size 12 cm/8 cm  
|      | Single side, single layer/single, side double layer, PAL/NTSC DVD-Disk  
| disc | Disk size 12 cm/8 cm  
|      | VCDs, SVCDs and CDs  
| disc | Disk size 12 cm/8 cm  
| SVCD | Disk size 12 cm/8 cm  
| MP3 | Disk size 12 cm/8 cm  

Cleaning disks

Only hold the disks at the edge and avoid fingerprints, dirt and scratches. These can produce errors or jumps during playback.

- If you would like to clean a disk wipe it with a soft, damp cloth, moistened with water
- Wipe from the centre to the edge of the disk.

Circular movements during cleaning produce scratches. These can produce errors during playback.
Inserting a disk

- Move the screen catch to the right and lift the screen.
- Open the disk compartment by pressing the OPEN key. – Open appears on the screen.
- Lift up the cover of the disk compartment.
- Insert a disk into the disk compartment with the title side upwards. Ensure that the disk is in the centre of the disk holder.
- Carefully press the disk onto the disk holder, applying a little pressure.
- Close the disk compartment. Press the cover down until it clicks into position.

The DVD player will read the disk. The screen displays Loading and after a few seconds No Disc, if there is no CD in the disk compartment. If a disk has been inserted the screen will display the type of disk and the device will start playback. If a disk has been inserted that cannot be played because of the format, Wrong Disc is displayed.
**KEY FUNCTIONS**

**Controls from the unit, the screen or using the remote control**

**Device keys**
You can activate the important functions of the device from the keys on the unit. So you can play, pause and stop disks, activate fast forward and "skip" backwards and forwards. You can switch PBC on or off and open and navigate through the main menu.

**Screen keys**
You can change between the 16:9 and 4:3 screen formats using the keys on the screen. You can change the screen settings:
- Brightness
- Contrast
- Sharpness
- Colour
- Colour tone
and return them to the basic settings. You also have the option of turning the image by 180°.

**Keys on the remote control**
In addition to these basic functions the remote control also provides numerous additional user elements for the full functions of your player.

**In these instructions when describing the keys we refer to the remote control because the remote control covers most of the device’s functions. If we refer to the keys on the device or screen we say so clearly.**
**Switch-on**

- Connect the DVD recorder to the power supply.
- Set the INPUT OUTPUT slide switch to the OUTPUT position.
- Set the POWER slide switch to the ON position.

The standby LED lights up green. The machine is in standby mode **Loading** is displayed on the screen. The device then tries to read the disk.

- If no disk has been inserted **No Disc** appears.
- If a disk has been inserted that cannot be played because of the format **Wrong Disc** is displayed.
- If a disk has been inserted a symbol indicates this.

The adjoining icon is displayed on the screen if a function is not possible or not available in the current mode.

**Standby/Switching off**

- Set the POWER slide switch to the OFF position to switch the device to standby mode. The display disappears and the standby LED lights up red.

The player is connected to the power supply even when in standby mode. To switch the device off completely, pull out the mains plug or remove the battery.

**Colour system**

Using the P/N key you can switch between the PAL and NTSC colour systems and the AUTO setting.

You can only change the colour system when the DVD player is in stop mode or if there is no disk in the disk compartment. We recommend the AUTO setting.

- Press the P/N key if necessary several times to select a colour system.

The colour system is displayed on the screen and immediately transferred for the screen display.
KEY FUNCTIONS

Replay functions

PLAY
- To start or continue playback press \( \text{ Play} \). Press \( \text{ Play} \) is displayed on the screen.

PAUSE
- You can pause playback by pressing \( \text{ Pause/Step} \) once. Press \( \text{ Pause} \) is displayed on the screen.

STEP (plays a single image)
- In pause mode press \( \text{ (Pause/Step)} \) repeatedly to move from image to image. Press \( \text{ Step} \) is displayed on the screen.
- Press \( \text{ Play} \) to continue normal playback.

STOP
- Press \( \text{ Stop} \) once to stop the playback. Press \( \text{ Stop} \) appears on the screen. You can continue playback from the same place with \( \text{ Resume} \). Resume appears on the screen.
- Press \( \text{ Stop} \) again to stop the playback finally. Press \( \text{ Stop} \) appears on the screen. An MP3 jumps back to the start of the track.
- The device is now in stop mode.

Search functions

SKIP
- During playback press the \( \text{ Next} \) or \( \text{ Previous} \) key to skip backwards or forwards (for DVDs: from chapter to chapter; for CDs: from title to title). Next or Previous is displayed briefly on the screen or the next or previous title is highlighted in the screen menu.
Please note that on many DVDs it is not possible to skip over the titles/chapters before the actual film starts (license notes).

**Fast forward**
- During playback press the `<<` (REV) or `>>` (FWD) keys to fast forward or backward. `>>` (forwards) or `<<` (back) appears on the screen.  
  - as does the speed setting:
    - Press once: 2x
    - Press twice: 4x
    - Press three times: 8x
    - Press four times: 16x
    - Press five times: 32x.
  If you press the key six times or press `∪` you return to the normal playback speed.

**Slow motion – SLOW**
- During playback press the SLOW key to play back in slow motion. SLOW and the slow motion level appears on the screen:
  - Press once: 1/2 forwards
  - Press twice: 1/4 forwards
  - Press three times: 1/8 forwards
  - Press four times: 1/16 forwards
  - If you press the key again or press `∪` you return to the normal playback speed.

Please note that the SLOW function does not work on audio CDs and MP3 disks.

**SETUP - setup menu**
- Press the SETUP key to open the Setup menu.
- Press the SETUP key again to quit the Setup menu.

Read the information on “Settings in the SETUP menu” on page 36.
KEY FUNCTIONS

REPEAT function

- During playback press the
  REPEAT key. Each time you press the REPEAT key
  and the section to be repeated appears on the screen
  (the entry disappears after a few seconds).

  □ DVD:
    Chapter – The chapter is repeated;
    Title – The title is repeated;
    Disc – The disk is repeated

  □ CD-, SVCD-, VCD:
    Title – The title is repeated;
    Disc – The disk is repeated

  Please note that this function does not work on
  SVCDs and VCDs in the PBC mode.

  □ MP3 CD:
    Title – The title is repeated;
    Folder – The folder is repeated;
    Disc – The disk is repeated

  If you press the REPEAT key again you switch off the
  repeat function.

Direct title selection - number keys

You can reach a title on the disk directly with the
number keys.

The number keys are the 0–9 keys on your remote
control.

- Press the corresponding number key once to enter a
  number between 1 and 9.
- If you wish to enter a number with two digits first
  press the key with the number for the first digit and
  then the key for the number for the second digit.
Direct title/time selection – GO TO

You can navigate directly to a chapter, title or time on the disk during playback using the GO TO key. You change the selection each time the key is pressed. The disk jumps straight to the selected location.

DVD

- Press the GO TO key once. The screen displays for example:
  ![Chapter] 01/04  ![Title] 01/15
- Press the navigation keys to make specific changes. The item to be changed is highlighted in yellow.
- Enter the desired title or chapter using the number keys and confirm with the ENTER key. Press the GO TO key again to set the time. The screen displays for example:
  ![Chapter] ![Time] -:-:-:--
  The entry field for the time is highlighted in yellow.
- Enter the desired time within the disk and confirm with the ENTER key. Playback continues from the desired location.

SVCD, VCD, CD

- Press the GO TO key to set the time. The screen displays:
  ![Time] -:-:-:--
- Enter the desired time within the disk using the number keys.
  Please note that this function does not work on MP3 and image disks.

Setting a bookmark

When playing back a DVD, you can set a bookmark at a particular location. You can jump to the marked location within the chapter and continue playback from there.

- Press the MARK key during playback to mark the location. The screen displays briefly the Bookmark note
- Press the MARK key again.

Portable DVD-Player MD 80146
KEY FUNCTIONS

Playback continues from the marked location. Play Bookmark appears on the screen.

Image functions

Enlarge/reduce image - ZOOM

DVD/SVCD/VCD:

- Press the ZOOM key. The image is enlarged from the middle. Each time you press the key Zoom is displayed with the next enlargement factor:
  - Press once: x2
  - Press twice: x4

Press ZOOM three times to return to the normal view.

Camera position – ANGLE (DVD only)

- On a few DVDs some individual scenes are recorded from various camera angles.
- Press ANGLE to activate the function.
- If the scene has various perspectives the symbol and the current perspective/total number of perspectives are displayed.
- Press ANGLE again to switch to the next camera position.

The image changes after a few seconds.
KEY FUNCTIONS

Change image setting
You can change the brightness, contrast, colour and colour tone of the image quickly via the keys on the screen.

- Press the MODE key repeatedly. Each time the key is pressed the image display jumps to the next setting point.
- If no key is pressed after 9 seconds the display disappears again.
- Press DOWN on the screen to reduce the setting.
- Press UP on the screen to increase the setting.
- To reset the screen settings choose the Reset item. Press the DOWN or UP key to confirm.
  This setting is lost when the device is switched off.
  To set the brightness and contrast permanently read the information on “Screen Setup” menu” on page 38.

Sound functions

Volume - VOLUME
You can set the volume via the control dial on the side of the device.

- If headphones are connected the device's speakers are set to mute.

Switch sound off - MUTE

- Press MUTE to switch the sound off completely. Mute appears on the screen.
- Click MUTE again switch the sound on again. Mute off appears briefly on the screen.

Sound mode (audio CDs only)

- Press the L/R key repeatedly to select one of the following playback types:
  L/L (Mono left), R/R (Mono right),
  L/R (Stereo).
KEY FUNCTIONS

DVD menus

DVDs usually have one or more menus stored on them and you can use these to navigate on the DVD. The names of these menus depend on the DVD; they may be called "DVD menu", "Disk menu", "Main menu", "Title menu", "Root menu" or "Master menu".

In contrast you call up the DVD player menu (SETUP menu) using the SETUP key.

Root Menu

You can open the root menu stored on the DVD using the MENU/PBC key.

- Press the MENU/PBC key.

The structure of the root menu is displayed.
- Select a sub-menu via the number or navigation keys and confirm by pressing ENTER.
- You navigate to the items in the DVD menu using the navigation keys.
- Click ENTER to confirm your selection.

Please note that the precise functions available in each menu depend on the DVD. E.g. some DVDs only have one menu that appears no matter which method is used.

Title menu

You can open the title menu stored on the DVD using the TITLE key.

- Press the TITLE key.

The structure of the title menu is displayed.
- Navigate in the title menu as previously described for the root menu.
**Display current DVD information**

The display function offers a clear option for displaying the current settings on the disk.

- During playback press the DISPLAY key to open the display.

**DVD:**

The DVD screen menu appears with the entries on chapter, title, duration of current title and the playback mode.

- Press the DISPLAY key again.
- Further information on the DVD is displayed, e.g. the selected audio language, the audio channels, image format and camera perspective.
- Press the DISPLAY key again to quit the DVD screen menu.

**SVCD/VCD:**

The current title, the number of titles in the chapter and the duration of the current title are displayed.

**PBC function (SVCD and VCD 2.0 only)**

Some SVCDs and type 2.0 VCDs that have a title/chapter structure provide the option of playback control.

PBC provides extended functions for navigating through the title/chapter; these include:
- Direct title selection of title/chapter
- SKIP functions

Please note that the precise functions available depend on the SVCD/VCD.

- Press the MENU/PBC key.
- Select a title via the number keys and confirm by pressing ENTER.
- If you wish to switch off the PBC function press the MENU/PBC key again.
- PBC off appears on the screen.
KEY FUNCTIONS

Audio and subtitle language

If other languages are available on the DVD or SVCD and it supports this function these two keys are the quickest method of selecting other languages.

Please note however that this function has not been implemented on many DVDs.

Select spoken language

- Press the LANGUAGE key. The current audio setting and language are displayed on the screen.
- Press LANGUAGE repeatedly to select another language stored on the DVD.

The change is made immediately and does need to be confirmed.

Select sub-title language

- Press SUBTITLE repeatedly to select another sub-title language stored on the DVD.

The change is made immediately and does need to be confirmed. The message disappears after a few seconds.
Navigating on MP3 CDs

The music titles on MP3 CDs may be organised into folders just like a data CD.

- Insert an MP3 CD.

A menu appears on the screen showing the highest level of folders stored on the CD. Provided that the CD actually contains folders, they are listed on the left-hand side of the menu. The device starts to play back the first title in the first folder automatically.

The active folder or file is highlighted.

- Use the ▲ and ▼ navigation keys to enter a folder. If required, you can open sub-folders.
- Press the ◀ key to go back to the higher level menu.
- Press the ◄ or ► (SKIP) key to go forwards or backwards page by page.
- To hear or see a title, select it and confirm with ENTER.

The selected title is played after a few seconds.

Direct selection using the number keys

- Press a number key to open a title within the active folder.

The selected title is played after a few seconds.
KEY FUNCTIONS

JPEG CDs

On JPEG CDs the images may be organised into folders just like a data CD.

- Insert a JPEG CD.

The device starts to play back the first image in the first folder automatically. Otherwise the folder structure is displayed.

- Press the ← or → (SKIP) key to jump to the previous or next image.

- Press STOP to open the folder structure.

Navigating in the JPEG menu is the same as in the MP3 menu; refer to chapter above.

Select the desired image in the file structure with ENTER and press the key.
Each image is displayed for a few seconds.

Speed of viewing

You can set the time for which each image is displayed during automatic viewing.

- To set this press ↓:
  - once: 2 second interval
  - twice: 4 second interval
  - three times: 6 second interval
  - four times: 8 second interval
  - five times: 10 second interval

Type of viewing

You can view the JPEG images in 12 different ways (e.g. from below).

- During playback press the ANGLE key repeatedly for the desired viewing type. The chosen viewing type is displayed on the screen and adopted immediately.

Rotating JPEG pictures

You can change the layout of the current image by pressing the navigation keys during playback.

- Pressing the navigation key repeatedly: rotates the image by 90° clockwise each time;
- Pressing the navigation key repeatedly: rotates the image by 90° anticlockwise each time;
- Pressing the navigation key: reflects the image horizontally.
KEY FUNCTIONS

Pressing the ▼ navigation key: reflects the image vertically.

Zooming in on JPEG images

- Press the ZOOM key. The image is enlarged from the middle. Each time you press the key Zoom is displayed with the next enlargement or reduction factor:
  - Press once: 150%
  - Press twice: 200%
  - Press three times: 25%
  - Press four times: 50%
- Press ZOOM five times or the ▶ key to return to normal view (100%).

You can use the navigation keys to select the section of the enlarged image that you wish to view. The screen displays the direction in which you are navigating (Move Up/Down/Right/Left).
SETTINGS IN THE SETUP MENU

All settings are made in the SETP menu that you open using the SETUP key. These settings relate to such items as image format, sound settings and child protection.

Press SETUP.
The main page of the SETUP menu appears on the screen with the four menus and the key to quit the menu:

- Language Setup
- Screen Setup
- Audio Setup
- Custom Setup
- Exit Setup

The icon on the active menu is highlighted. The Custom Setup menu is only active in the stop mode.

Navigating in the menus

You move through the menus using the navigation keys. The active items are shown by a dark bar. An explanation of the navigation is given at the lower edge of the menu.

Open the active menu with the ENTER key.

Sub- and selection menus

For most sub-menus a selection menu on the right hand side is opened. These are labeled with a tick. To change the selection, press ▶ to move to the right.

Press ▲ or ◄ to select a different item. Now the new selection is shown by a coloured bar. Press ENTER to confirm the new selection.

Return to the main menu by pressing ◄.

Leaving Setup

You can leave the SETUP menu at any point by pressing the SETUP key or clicking the "Exit Setup" key in the SETUP menu.
SETTINGS IN THE SETUP MENU

Language Setup menu

<table>
<thead>
<tr>
<th>Language Setup</th>
<th>English</th>
<th>French</th>
<th>German</th>
<th>Italian</th>
<th>Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Menu</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subtitle</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OSD**
This sets the OSD (on screen display) language, i.e. the language for the DVD screen. You can choose English, French, German, Italian, Spanish or Portuguese.

When selecting a language the menu changes immediately.

**Menu, audio, subtitle**
In addition to the languages offered you can use the last item Others to choose another language via a four-digit code.
You can find a list of the codes page 45 in this instruction manual.

One language setting each is made in the other three menu items

- **Menu:** The language of the menu on the disk.
- **Audio:** The spoken language
- **Subtitle:** The subtitle language

You will be given a choice of languages if you confirm one of these items with ENTER.

Select language
Please note, for every language selection: it is only possible to play back a language that is actually on the DVD. If you select a different language, the DVD player will instead play the first language stored on the DVD. The languages that you can select for a specific DVD are normally listed in the DVD's disk menu.
**SETTINGS IN THE SETUP MENU**

**“Screen Setup” menu**

<table>
<thead>
<tr>
<th>Screen Setup</th>
<th>TV type</th>
<th>Screen saver</th>
<th>TV system</th>
<th>Brightness</th>
<th>Contrast</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4:3 PS</td>
<td></td>
<td>4:3 LB</td>
<td>4:3 LB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4:3 LB</td>
<td></td>
<td>16:9</td>
<td>16:9</td>
<td></td>
</tr>
</tbody>
</table>

**TV type**
Here you set the device’s display format to match that of the screen or television.

4:3/PS:
Selection for televisions with 4:3 format. The Pan Scan format represents 16:9 full height film formats; side sections of the image are cut off.

4:3/LB:
Selection for televisions with 4:3 format. The letterbox format reduces the 16:9 film format to the size of the screen.

16:9:
Selection for televisions with 16:9 format.

**Screen saver**
On: If the device is idle for a few minutes a screen saver appears.
Off: Screen saver is de-activated.

**TV system**
Select the colour standard here:

Auto: The device selects the colour standard (not all televisions support this function).

NTSC: Usual colour format for North America.

PAL: Usual colour format for many European countries.
SETTINGS IN THE SETUP MENU

Brightness
You can set the brightness to "normal, bright or soft".

Contrast
You can change the contrast within a range of -4 to +4.

Audio Setup menu

Digital Out
Here you can set the transfer of the data flow for the digital output.
You can select the SPDIF/PCM or SPDIF/RAW data mode or the digital audio setting.
SETTINGS IN THE SETUP MENU

Custom Setup menu

You can only access the Preferences menu in stop mode. If playback is in progress press STOP twice.

Child protection

Here you can set the authorisation level for DVDs.

Before setting the child protection you have to enter the four-character password.

Some DVDs and CDs are coded with the encryption signals of the authorisation classes established by the Motion Picture Association. The eight authorisation classes are:

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>(&quot;General&quot;) for all age groups</td>
</tr>
<tr>
<td>PG</td>
<td>(&quot;Parental Guidance&quot;) parental guidance recommended</td>
</tr>
<tr>
<td>PG 13</td>
<td>parental guidance most strictly recommended; some scenes not suitable for children under 13</td>
</tr>
<tr>
<td>PGR</td>
<td>(&quot;Parental Guidance Restriction&quot;) parental guidance recommended for young people under 17</td>
</tr>
<tr>
<td>R</td>
<td>(&quot;Restriction&quot;) parental guidance most strictly recommended for young people under 17</td>
</tr>
<tr>
<td>NC 17</td>
<td>Not for young people under 17</td>
</tr>
<tr>
<td>ADULT</td>
<td>Only for adults</td>
</tr>
<tr>
<td>OFF</td>
<td>No parental control set.</td>
</tr>
</tbody>
</table>
For example, if you have inserted a DVD that is coded with authorisation class 7 (NC 17) or 8 (Adult) and you have selected authorisation classes 1 to 6, a message appears and the viewer must enter a password. Parts of a DVD, i.e. certain scenes, may also be coded with an authorisation class or various authorisation classes.

**Password**
Here you can enter a password to control access by other people.

**Old:**
Enter the existing password with the number keys on the remote control. It comprises exactly four digits. If no password has been entered, the password set by the factory is in force 8888. When you have entered the correct password the next field is activated for your entry.

**New:**
Enter a four-digit password with the number keys on the remote control. The bar moves to the next field.  
**Verify:**
Enter the four-digit number again.  
- Press ENTER to confirm the new password. The new password is retained even if you reset the settings to default.

**Angle Mark**
If you select the ON setting, a camera symbol can be seen on the screen if the inserted DVD provides various camera perspectives.

**Default**
Select the Read entry and confirm with ENTER. All settings are reset to the defaults.

Any new password is retained.
IF ERRORS OCCUR

If errors occur, check first whether you can correct the problem yourself. The following overview may help you.

Never try to repair the device yourself. Contact our service centre or other qualified personnel if a repair is necessary.

<table>
<thead>
<tr>
<th>MALFUNCTION</th>
<th>POSSIBLE CAUSE/ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENERAL</td>
<td></td>
</tr>
<tr>
<td>No functions</td>
<td>The power is not connected properly. Pull out the plug and insert it again into the mains.</td>
</tr>
<tr>
<td>No standby display</td>
<td>If the device has been affected by a storm, static charging or another external factor, try the following: Press STANDBY on the device. Then pull out the mains cable and plug it back in.</td>
</tr>
<tr>
<td>The disk does not play although [ ] has been pressed, or stops again immediately</td>
<td>The disk has not been inserted properly. Insert a disk into the disk compartment with the title side upwards. The disk is dirty or damaged. Clean the disk or test the device by inserting another disk. Condensed water has formed in the disk compartment. Leave the disk compartment open for one to two hours to allow it to dry out. DVD: The wrong regional code has been set. Set the correct regional code (2).</td>
</tr>
<tr>
<td>No image and sound in OUTPUT mode</td>
<td>Set the INPUT OUTPUT slide switch to the INPUT position. Move the slide switch to the OUTPUT position.</td>
</tr>
</tbody>
</table>
IF ERRORS OCCUR

The device does not respond to the remote control
The battery is flat
Replace the batteries.
The remote control is not connecting properly with the device.
If necessary remove any obstacles between the remote control and the device. Point the remote control to the infrared sensor on the front of the device. You should not be further than m away from the device.

No picture
The cable connection between the DVD player and the connected television is faulty.
Connect the cable properly.
The television is not switched on or set incorrectly.
Switch the television on. Selected the video channel (AV-CHANNEL) on the television.

No image in INPUT mode
Set the INPUT OUTPUT slide switch on the device to the OUTPUT position.
Move the slide switch to the INPUT position.

Very poor, speckled picture
An incorrect video format has been selected.
Switch the P/N key to the correct video format (PAL – NTSC).

Distorted image
The disk is dirty.
Clean the disk.
Small-scale image distortion is not a malfunction.

No sound
Muting is on(MUTE).
Press MUTEto switch the sound on.

Sound too quiet
Check the audio settings in the SETUP menu: has the correct sound format been selected?

DVD PROBLEMS

Wrong language
You have entered the wrong language.

Wrong subtitle language
Check on the DVD cover or DVD menu whether the selected language is actually on the DVD. Set the correct language.

SKIP function does not work
Some DVDs have blocked the SKIP function for certain titles/chapters.

The camera position cannot be changed.
Only a few disks have various camera positions and they are usually restricted to certain selected scenes on any one DVD.

You have forgotten the password.
Use the master password 9922.
TECHNICAL DATA

Mains adapter: Input: 230 V ~ 50 Hz
Output: 12 V 2 A

Power consumption:
Standby power consumption for battery operation: approx. 1.2 W
Standby power consumption for mains operation: approx. 2.2 W

Batteries (remote control): CR2025

Colour television system: PAL/NTSC


Video formats: 4:3 / 16:9

Dynamic scope: > 80 dB

MP3 coding: SO 9660 format
Sampling frequency:
MPEG 1: 32, 44.1, 48 kHz
Bit rate: 32 - 320 kbps

If you use audio CDs please note the following label.

These days there are many non-standard CD recording and copy protection procedures as well as various blank CD-R and CD-RW disks. Therefore in individual cases there may be read errors or delays. This does not mean the device is malfunctioning.

Subject to technical changes.
**CODE LIST FOR SELECTING THE LANGUAGE**

In the "Preferences" menu you can pre-select the language for audio, subtitles and the disk menu. In the entry fields enter the four-character code from the following list:

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abkhazian</td>
<td>6566</td>
<td>Estonian</td>
<td>6984</td>
</tr>
<tr>
<td>Afar</td>
<td>6565</td>
<td>Faroese</td>
<td>7079</td>
</tr>
<tr>
<td>Afrikaans</td>
<td>6570</td>
<td>Fiji</td>
<td>7074</td>
</tr>
<tr>
<td>Albanian</td>
<td>8381</td>
<td>Finnish</td>
<td>7073</td>
</tr>
<tr>
<td>Amharic</td>
<td>6577</td>
<td>French</td>
<td>7082</td>
</tr>
<tr>
<td>Arabic</td>
<td>6582</td>
<td>Frisian</td>
<td>7089</td>
</tr>
<tr>
<td>Armenian</td>
<td>7289</td>
<td>Galician</td>
<td>7176</td>
</tr>
<tr>
<td>Assamese</td>
<td>6583</td>
<td>Georgian</td>
<td>7565</td>
</tr>
<tr>
<td>Aymara</td>
<td>6588</td>
<td>German</td>
<td>6869</td>
</tr>
<tr>
<td>Azerbaijani</td>
<td>6590</td>
<td>Greek</td>
<td>6976</td>
</tr>
<tr>
<td>Bashkir</td>
<td>6665</td>
<td>Greenlandic</td>
<td>7576</td>
</tr>
<tr>
<td>Basque</td>
<td>6985</td>
<td>Guarani</td>
<td>7178</td>
</tr>
<tr>
<td>Bengali; Bangla</td>
<td>6678</td>
<td>Gujarati</td>
<td>7185</td>
</tr>
<tr>
<td>Bhutani</td>
<td>6890</td>
<td>Hausa</td>
<td>7265</td>
</tr>
<tr>
<td>Bihari</td>
<td>6672</td>
<td>Hebrew</td>
<td>7387</td>
</tr>
<tr>
<td>Breton</td>
<td>6682</td>
<td>Hindi</td>
<td>7273</td>
</tr>
<tr>
<td>Bulgarian</td>
<td>6671</td>
<td>Hungarian</td>
<td>7285</td>
</tr>
<tr>
<td>Burmese</td>
<td>7789</td>
<td>Icelandic</td>
<td>7383</td>
</tr>
<tr>
<td>Byelorussian</td>
<td>6669</td>
<td>Indonesian</td>
<td>7378</td>
</tr>
<tr>
<td>Cambodian</td>
<td>7577</td>
<td>Interlingua</td>
<td>7365</td>
</tr>
<tr>
<td>Catalan</td>
<td>6765</td>
<td>Irish</td>
<td>7165</td>
</tr>
<tr>
<td>Chinese</td>
<td>9072</td>
<td>Italian</td>
<td>7384</td>
</tr>
<tr>
<td>Corsican</td>
<td>6779</td>
<td>Japanese</td>
<td>7465</td>
</tr>
<tr>
<td>Croatian</td>
<td>7282</td>
<td>Javanese</td>
<td>7487</td>
</tr>
<tr>
<td>Czech</td>
<td>6783</td>
<td>Kannada</td>
<td>7578</td>
</tr>
<tr>
<td>Danish</td>
<td>6865</td>
<td>Kashmiri</td>
<td>7583</td>
</tr>
<tr>
<td>Dutch</td>
<td>7876</td>
<td>Kazakh</td>
<td>7575</td>
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<tr>
<td>English</td>
<td>6978</td>
<td>Kirghiz</td>
<td>7589</td>
</tr>
<tr>
<td>Esperanto</td>
<td>6979</td>
<td>Korean</td>
<td>7579</td>
</tr>
<tr>
<td>Language</td>
<td>Code</td>
<td>Language</td>
<td>Code</td>
</tr>
<tr>
<td>---------------</td>
<td>------</td>
<td>------------</td>
<td>------</td>
</tr>
<tr>
<td>Kurdish</td>
<td>7585</td>
<td>Slovenian</td>
<td>8376</td>
</tr>
<tr>
<td>Laothian</td>
<td>7678</td>
<td>Somali</td>
<td>8379</td>
</tr>
<tr>
<td>Latin</td>
<td>7665</td>
<td>Spanish</td>
<td>6983</td>
</tr>
<tr>
<td>Latvian;Lettish</td>
<td>7684</td>
<td>Sundanese</td>
<td>8385</td>
</tr>
<tr>
<td>Lithuanian</td>
<td>7679</td>
<td>Swahili</td>
<td>8387</td>
</tr>
<tr>
<td>Macedonian</td>
<td>7775</td>
<td>Swedish</td>
<td>8386</td>
</tr>
<tr>
<td>Malagasy</td>
<td>7771</td>
<td>Tagalog</td>
<td>8476</td>
</tr>
<tr>
<td>Malay</td>
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<td>Urdu</td>
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<td>Vietnamese</td>
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</tr>
<tr>
<td>Singhalese</td>
<td>8373</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovak</td>
<td>8375</td>
<td></td>
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</tbody>
</table>