

# Manual



Yakumo DVD player  
DVD Master DX4

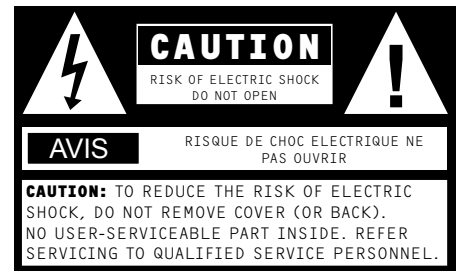
## Safety precautions



The lightning flash with an arrowhead symbol inside an equilateral triangle is intended to alert the user to the presence of uninsulated „high voltage“ within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point inside an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



**WARNING:** **DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE, DUE TO THE HIGH RISK OF FIRE OR ELECTRIC SHOCK, DO NOT OPEN THE HOUSING AS DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE HOUSING. ONLY QUALIFIED SERVICE PERSONNEL SHOULD ATTEMPT THIS.**

**CAUTION:** **TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT.**

**CAUTION:** This Digital Video Disc Player employs a Laser System. To prevent direct exposure to the laser beam, do not try to open the enclosure. Visible laser radiation when open and interlocks defeated. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. **DO NOT STARE DIRECTLY AT THE BEAM.**

**To ensure proper use of this product, please read this user's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location, or contact us. Only qualified service personnel should remove the cover.**

**FCC NOTICE:** This equipment has been tested and found to comply with the regulations for a Class B digital device. Pursuant with the FCC Rules, Part 15. These regulations are designed to provide reasonable protection against harmful interference in a residential area.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the user's manual, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Adjust or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, (e.g. – use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could invalidate the user's authority to operate this equipment.

**WARNING:** Changes or modifications made to this equipment, not expressly approved by us or parties authorized by us will invalidate all the manufacture warranties.



**Thank you** for purchasing this product. With your DVD player you can enjoy full-length movies with true cinema picture quality and multichannel sound. Unique features of this player include S-video output, selecting of sound and subtitle languages and of different camera angles (depending on the disc), Program playback, Parental Control which lets you decide which discs your children can watch, the player can playback the following discs marked:

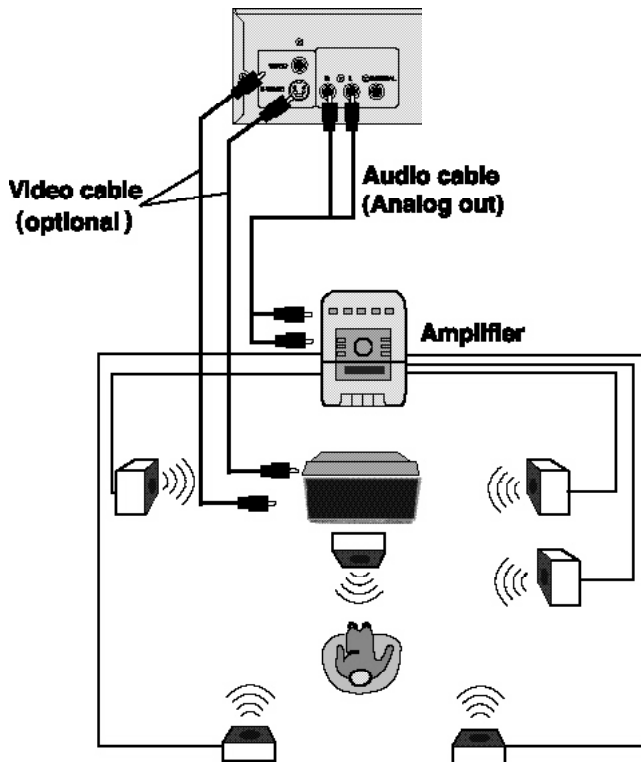


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This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

It is forbidden by law to copy, broadcast, show, play in public, and rent copyrighted material without permission. DVD video discs are copy protected, and any recordings made from these discs will be distorted.

## Connections

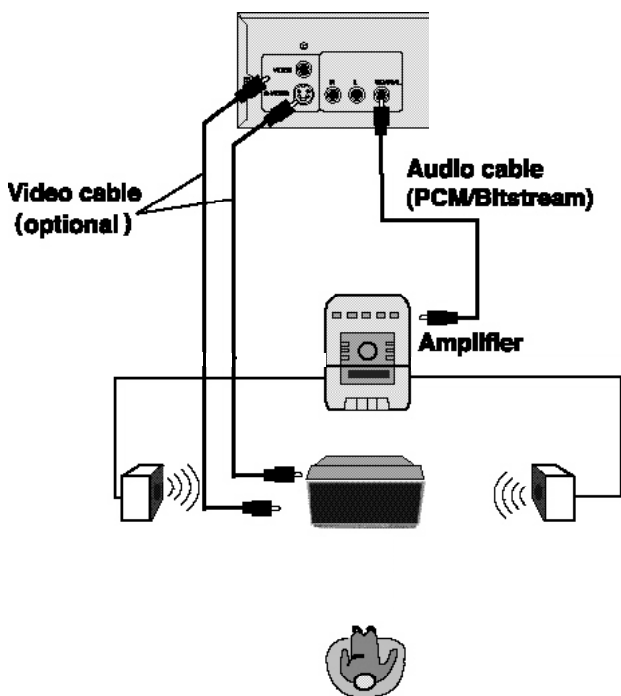


### Enjoying Dolby Pro Logic Surround Sound (GOOD)

#### Dolby Pro Logic Surround

Enjoy the dynamic realistic sound of Dolby Pro Logic Surround by connecting an amplifier and speaker system (right and left front speakers, a centre speaker, and one or two rear speakers).

**Connect the DVD video player with the S-video cable, if the TV has an S-Video input. Do not connect the yellow video cable if using the S-Video cable.**



### Enjoying Digital Stereo Sound (BETTER)

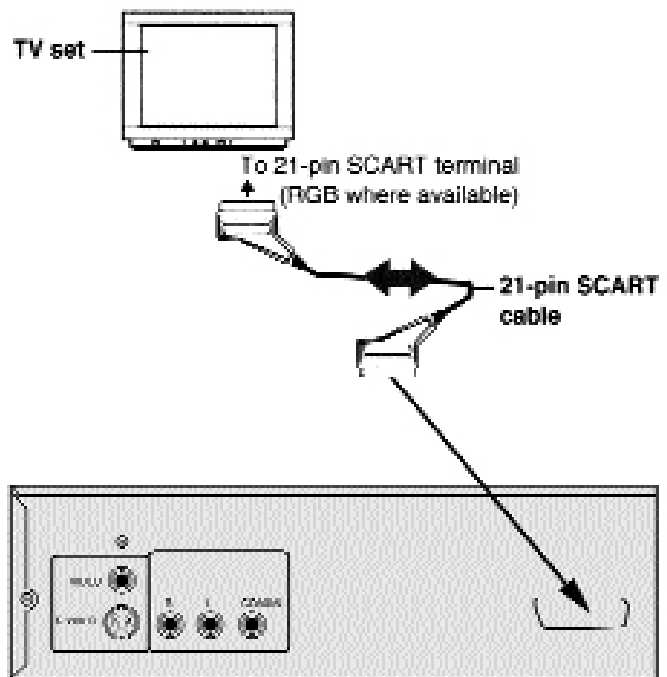
Enjoy the dynamic sound of Digital Stereo by connecting an amplifier equipped with a digital audio input and speaker system (right and left front speakers).

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished works. ©1992 - 1997 Dolby Laboratories, Inc. All rights reserved.

"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

## Connections

### AV connection to a TV set with 21-pin scart terminal



Peripheral equipment and cables, sold separately unless otherwise indicated.

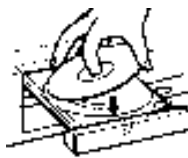
When playing some DVD discs, TV volume level may be lower than from some other sources, adjust the TV volume to your desired level.

## Disc playback

1. Press the **POWER** button (1) displayed on the front panel.

2. Press the **OPEN/CLOSE** button (2).

This will open the disc tray, and place a playable disc on it with the playback side down.



3. Press **ENTER/PLAY** (3).

After closing the disc tray, playback will start. As the DVD video player is reading the disc, a menu will appear on screen or you may access the menu by pressing the **TITLE** button (4).

4. Select a **title/chapter or track**.

Press **⏪** and **⏩** (5) during playback to move between tracks.

You also can press **^** **v** **<** **>** (6) or the number buttons to select the title/chapter or track.

5. Stop playback

Press the **STOP** button (7) once, the player is stopped, and you can press the **RESUME** button (8) to replay from the point stopped.

Press the **STOP** button (7) twice, the player is stopped, then press the **ENTER/PLAY** button (3) to playback from the start.



Moving the DVD video player during playback may cause damage to the disc as well as the player.

To open and close the disc tray, you may only use the **OPEN/CLOSE** button on the remote control or DVD video player.

If the picture on TV screen will keep going up and down, press the **P/N** button on the remote control to set the correct type, PAL or NTSC or just MULTI.

## Playback features

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### 1. Fast forward playback

Press **▶▶** during normal playback.  
Each press will increase the speed by the following factor: x2, x4, x8, x16 and play.  
You can also press **ENTER/▶** to resume normal playback.

### 2. Fast reverse playback

Press **◀◀** during normal playback.  
Each press will increase the speed by the following factor: x2, x4, x8, x16 and play.  
You can also press **ENTER/▶** to resume normal playback.

### 3. Pause playback

Press **PAUSE/STEP** during normal playback to pause playback.  
Press it again or press **ENTER/▶** to resume normal playback.

### 4. Frame advance

Press **PAUSE/STEP** during pause playback. One frame is advanced each time you press **PAUSE/STEP**.  
Press **ENTER/▶** to resume normal playback.

### 5. Slow motion

Press **SLOW** during normal playback.  
Each press will slow the playback speed to 1/2, 1/4, 1/8 or 1/16 of the normal speed and play.  
You can also press **ENTER/▶** to resume normal playback.

### 6. Zoom

Press **ZOOM** during normal playback or slow - motion.  
The unit magnifies in the centre of the picture in 2x, 3x, 4x, 1/2x, 1/3x, 1/4x with each press.  
If you press the arrow keys during zoom playback, the zoom point shifts.

### 7. Angle

Press the **ANGLE** button while playing back a scene recorded with multiple angles.  
Each time you press the **ANGLE** button, the angle will change.



## Repeat playback

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This unit allows you to playback a specific title, chapter, track or segment repeatedly. (title repeat, chapter/track repeat, A-B repeat).

### How to repeat a title, chapter, or track

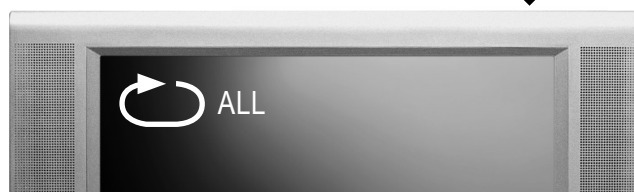
- 1. Select the title, chapter, or track you want to repeat.**
- 2. Press the REPEAT button.**  
The repeat mode changes, each time you press the REPEAT button.



Repeats the same chapter



Repeats the same title



Repeats them all



Resumes normal playback

### How to repeat a specific segment

- 1. Press the A-B repeat button at the beginning of the segment in which you want to repeat playback (point A).**
- 2. Press the A-B repeat button again at the end of the segment (point B).**  
The DVD video player will automatically return to point A and start to repeat playback of the selected segment (A-B).
- 3. Press the A-B repeat button to cancel the A-B repeat function.**  
The DVD video player will resume to normal playback.



Repeats them all



## Program and shuffle playback

### How to set titles, chapters, or tracks in a favorite order (Program playback)

**1. Insert a disc, then press the PROGRAM button.**

At this time the menu will appear.

**2. Using the numbered buttons, fill in the title (TT) and chapter (CH) numbers. The highlight moves automatically, but you can move it with the ^ v < > buttons as well. Correct mistakes by moving the highlight back and keying the numbers again.**

**3. Highlight START with the ^ v < > buttons, then press the ENTER/PLAY button.**

The DVD video player starts programmed playback.

**4. To quit the menu, move the highlighted to EXIT on the bottom and enter it.**

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**Note:** You can press CLEAR to clear the programmed.

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```
PROGRAM:TT(01)/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:  
EXIT                NEXT ►►
```

```
PROGRAM:TT(01)/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:  
EXIT  START  NEXT ►►
```

### Playing titles in shuffle

This DVD video player will automatically choose the titles and chapters in a DVD video disc and play them back randomly.

**1. Press the SHUFFLE button.**

The DVD video player will now start random playback.

**2. To resume normal playback.**

Press the SHUFFLE button again during random playback.





## Title selection

The DVD video discs are normally divided into titles. The titles are sub-divided into chapters. Moreover, audio CD and MP3 CD are divided into tracks. You can conveniently locate any specific title, chapter, or track with this DVD video player.

### Locating a title using the title menu

You can locate a specific title using the title menu function, if a DVD video disc contains a title menu.

#### 1. Press the TITLE button

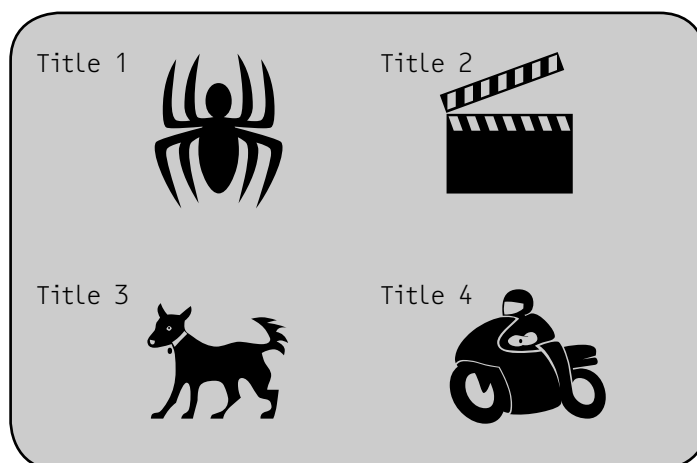
On the TV screen, the title menu will appear.

#### 2. Press the button to select the title you want

You can also directly locate a specific title by pressing its assigned number with the number buttons.

#### 3. Press the ENTER/PLAY button

This will cause the DVD video player to start playback from chapter 1 of the title selected.



Example of a title menu

**! You may experience that some discs will not respond to this function.**

**! If different instructions appear on the TV screen, follow those instructions. The instructions above are describing the basic procedure where the procedures may vary depending on the contents of the DVD video disc.**

### Locating a title by numbers

You can also locate a specific title by directly selecting a title number.

#### 1. Press GOTO during playback and select the desired item (Title, Chapter, Audio, Subtitle). Then press ENTER to confirm.

#### 2. Press numbers to select the title and chapter you want.

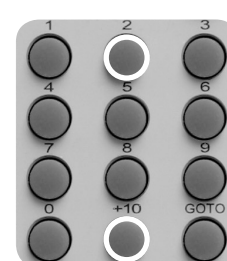
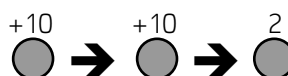
To select title 2:



TITLE: 02/02 CHAPTER: 03/03



e. g. To select title 22:



#### 3. Press ENTER/PLAY button.

The DVD video player starts playback.

**! By pressing </> you may shift the highlights between the TITLE and CHAPTERS.**

**! To select the time, you can press the GOTO twice.**

## Parental control

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**You can use the parental lock function only with DVD video discs equipped with the parental lock feature.**

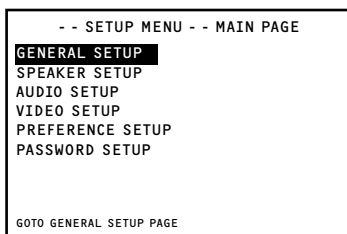
### Setting the parental lock

DVD video discs equipped with the parental lock function are rated according to their content. The contents allowed by a parental lock level and the way a DVD video disc can be controlled may vary from disc to disc. For example, if the disc allows, you can edit out violent scenes unsuitable for children and replace them with more suitable scenes, or lock out playback of the disc all together.

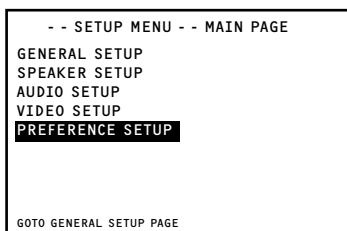
**1. Press STOP twice during playback.**

**2. Press SETUP.**

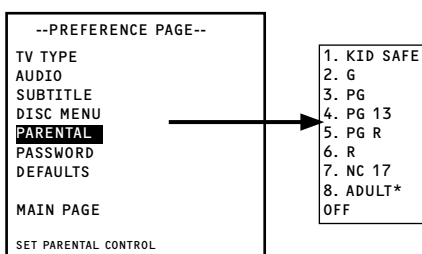
The SETUP MENU appears on the TV screen



**3. Use arrow keys to select PREFERENCE, press ENTER.**



**4. Select PARENTAL by pressing**



**5. Then you can select your rating.**

The pre-set password is **3308**.

**6. Press SETUP to exit setup, press PLAY to start.**

### To change your password:

1. Follow step 4 to select password.
2. Enter old password.
3. Enter new password.
4. Re-enter to confirm your new password.
5. Press ENTER/PLAY.
6. Press SETUP to exit.

## KODAK PICTURE CD/JPEG/MP3 playback

**You can use your DVD player to view photographs or enjoy songs stored on a CD-R. The photographs on the disc need to be saved in the JPEG file format. And the songs should be saved in MP3 format.**

### 1. Press OPEN/CLOSE.

Place the CD on the disc tray, and press OPEN/CLOSE again to close the tray.

### 2. Select a folder or a picture/song contained on the CD.

After the CD is loaded, a menu will appear on the screen.

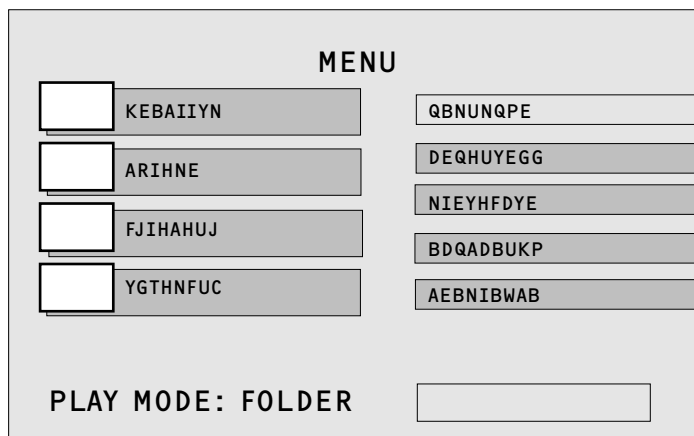
Press UP or DOWN to select a folder, and press ENTER/PLAY to view folder contents (shown in right column).

### 3. Select one play mode.

Press RIGHT twice to select PLAY MODE and then press UP and DOWN to select one mode among:

FOLDER (normal playback), REPEAT ONE, REPEAT FOLDER, or SHUFFLE.

Then press RIGHT twice to highlight the right column, then press UP or DOWN to choose the picture or song that you want to enjoy.



### 4. Start playback

Press ENTER/PLAY to enjoy the pictures or songs.

The pictures will be displayed in a style of a slideshow, there are many styles of transition effects such as Wipe Top (default mode), Wipe Bottom, Wipe Left, Wipe Right, Diagonal Wipe Left Top, Diagonal Wipe Right Top, Extend from Centre H, Compress to Centre H, Window H, etc.

### 5. Rotate an image (for KODAK PICTURE CD/JPEG)

During the slide show, you can use arrow keys to rotate an image:

#### a. Press Up/Down

to mirror an image.

#### b. Press LEFT

to rotate an image to the left.

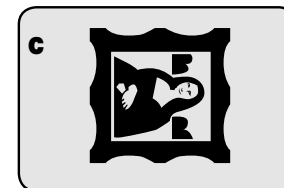
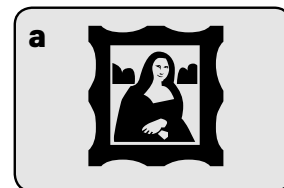
#### c. Press RIGHT

to rotate an image to the right.



### Creating your own Picture CDs

Using your computer save pictures as JPEG format and burn them on a CD-R disc, then you can watch on your TV.



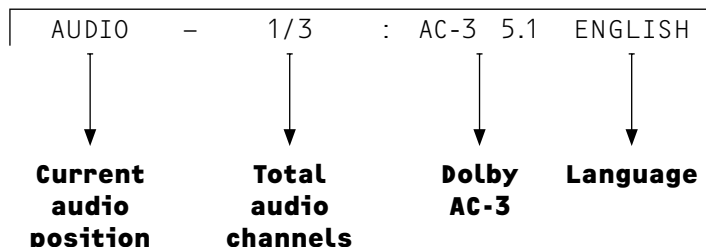
## Language/subtitle selection

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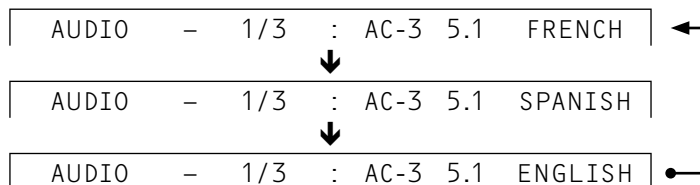
### How to select a playback audio setting

This DVD video player allows you to select a preferred language and sound recording system from those included on the DVD video disc.

**Press the AUDIO button during playback**



**Press the AUDIO button again to cycle backwards**



### Recording systems

This DVD video player uses the Dolby Digital, MPEG 2, PCM and DTS recording playback systems. It cannot playback DVD video discs recorded in any other recording system.

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■ **The player returns to the initial default settings, when you turn on the DVD video player or replace a disc.**

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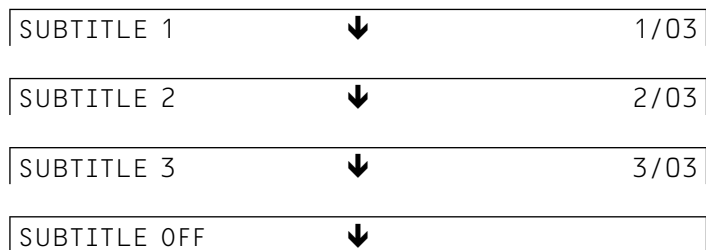
■ **The DVD video player plays a prior sound programmed on the disc, when you select a sound which is not included on the disc.**

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### How to select subtitles

You have the option to select a preferred subtitle from those included on the DVD video disc.

**Press the SUBTITLE button during playback**



### To turn off the subtitles

**Press the SUBTITLE button during playback until the subtitles disappears**



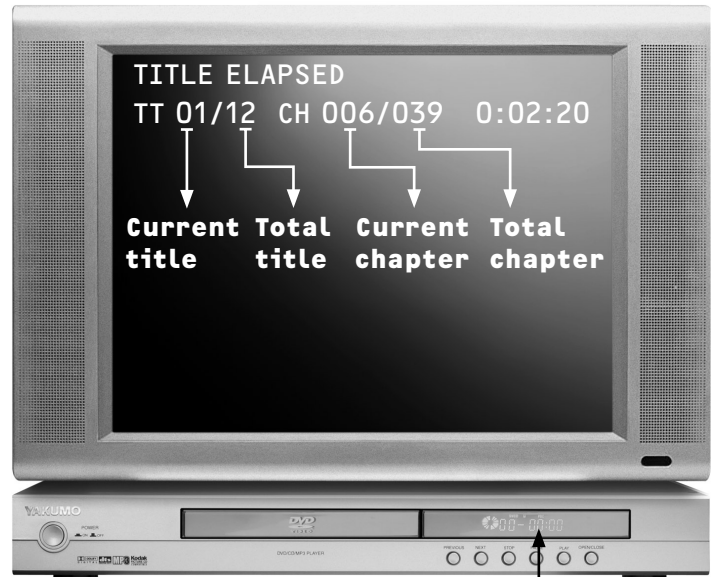
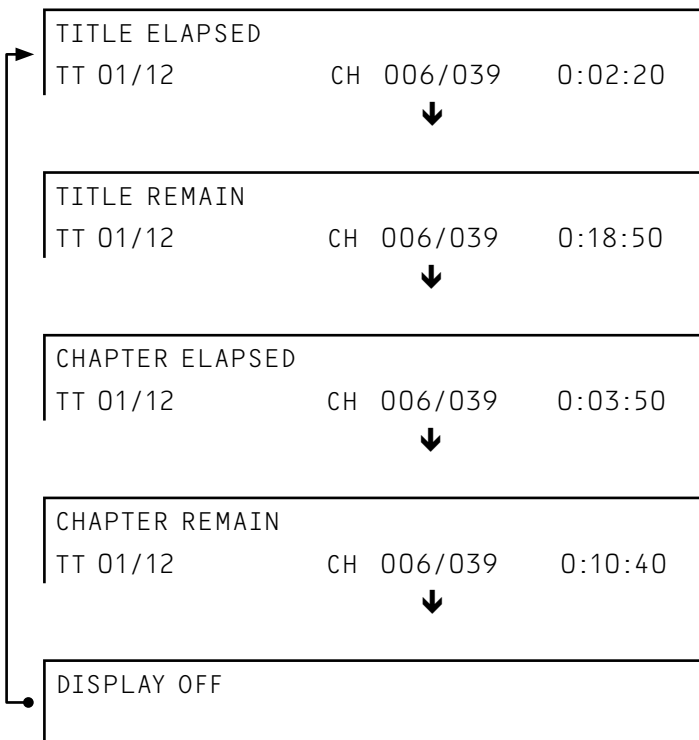
## On-screen display

This DVD video player allows you to view the operational status and disc information onto your TV screen.

### Checking the operational status

With this function, you can view the following on your TV (press the DISPLAY button several times):

- Current title
- Track number
- Total playing



**Total playing time is displayed in the DVD display**

**To turn off the on-screen display**

Press DISPLAY button again.

## MPEG 4 playback

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This DVD player lets you play videos saved in the popular MPEG 4 format. Every day there are plenty of MPEG 4 files world-wide being transmitted, shared and distributed. This device not only supports DVD playback but also includes the latest MPEG 4 video decoding technology.

### What is MPEG 4?

MPEG 4 is an ISO/IEC standard developed by the MPEG (Moving Picture Experts Group), a committee that has also developed other standards that have won the Emmy Award as MPEG 1 and MPEG 2 (DVD uses this standard for video applications).

MPEG 4 is a very efficient, digital video compressing standard that reduces the size of MPEG 2 videos up to one eighth of its original size. Most of the video streaming media are based on this technology, such as DivX, WMV, etc. MPEG 4 is therefore the most popular technology used for transmitting and distributing videos.

### How to play MPEG 4 CDs

**1. Press the OPEN/CLOSE button.**

Insert a CD into the tray and press the button again to close the tray.

**2. Select a folder or AV file that has been saved on the CD.**

Press the arrow buttons to make your selection.

**3. Press the ENTER/PLAY button.**

Playback starts.

### How to create home-made MPEG 4 discs

1. Download the files from the Internet or copy the video data from other video sources by using your PC/Mac application, and save the MPEG 4 file as an avi, asf or other file type.
2. Insert a blank CD-R/RW into the CD-R/RW drive of your PC or any other disc burner.
3. Write the MPEG 4 files onto the CD-R/RW disc by using a CD burning software (e.g. Nero Burning, Clone CD, etc.).
4. Finish the disc and eject it.

## Technical data

Product number	1033361 (German version) 1033362 (UK version)
Supports	DVD Video   DVD-R/-RW   DVD +R/+RW VCD   SVCD MPEG 4   DivX 3.11, 4.0, 5.*, DivX PRO   MPEG 1   MPEG 2 CD   CD-R   CD-RW   Audio CD   MP3   MP3 DVD KODAK PICTURE CD   JPEG
Video features	PAL/NTSC selectable D/A converter Horizontal resolution 500 lines
TV output	4:3   Wide (16:9)   PAN & Scan   Letter box
Audio features	Digital/Analog converter – 24 bit/96 KHz Frequency range DVD – 20 Hz – 20 KHz Dynamic adjustment in dB – 96 dB Signal noise in dB – 97 dB
Digital output	Dolby® Digital AC3   MP3   DTS   PCM/RAW
Playback features	Fast picture search forward and reverse Title/chapter skip Direct chapter selection with 10 key pad Still picture Picture by picture playback Slow motion forward and reverse Quick Replay Repeat Title memory Stop Time/title/chapter search Mute Repeat A-B One/all repeat Random Play/Program Play
Additional features	Progressive Scan YUV/SCART Region code Firmware upgradable Zoom Child lock Language choice (dialogue) Subtitle Multi-angle choice
Operating features	Infrared remote control OSD menu
Digital outputs	Euro AV SCART out Cinch Video (CVBS) S-Video (Y/C) Digital Audio out (coaxial)
Languages	D, GB, F, E, I, NL
Mains unit	220 – 240V Power consumption max./standby 10W/≤10W
Weight net/gross	2,5/3,9 kg
Dimensions	430 × 50 × 260 mm
Dimensions package	503 × 133 × 331 mm
Package includes	Yakumo DVD Master DX4   Remote control   2x AAA batteries Video cable   SCART cable   Audio cable   Manual
EAN	4043871333620