Rear Panel



- 1. Component Video and Progressive Scan Outputs
- 2. Analog Audio Output 5.1
- 3. Coaxial Digital Audio Output
- 4. Video Output
- 5. S-Video Output
- 6. Optical Digital Audio Output
- 7. L/R Audio Output
- 8. SCART Output
- 9. VGA Output
- 10. Pad Ports

Display Window



1. Disc inside indicator

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- DTS[®] Digital Audio Indicator (See Fig. 1 below) Indicates the disc played contains DTS[®] Digital audio encoding
- Title/Track Number Indicator Some DVDs contain multiple title pages. This indicator displays the title number currently in use or track number (CD) currently playing
- SVCD/CD/VCD Indicator (See Fig. 2- 4 below) Identifies the inserted disc as audio SVCD and CD or Video CD.
- 5. DVD Indicator (See Fig. 5 below) Identifies the inserted disc as a DVD disc.
- 6. PBC Indicator for VCD Disc (See Fig. 6 below) Playback Control indicator.
- MP3 Indicator (See Fig. 7 below) Identifies the inserted disc as a MP3 disc.

FRONT PANEL /DISPLAY WINDOW

Front Panel



1. POWER Button

- Press this button to turn on/off the player

- 2. PREV Button
 - Go back to the previous chapter during playback
- 3. NEXT Button
 - Skip to the next chapter during playback
- 4. L/R Button
 - Change language
- 5. STOP Button
 - Stop playback
- 6. PLAY/PAUSE Button
 - Begin disc play/ Pause the playback, press again to resume playback
- 7. Disc Tray
 - Place Compact discs on.

8. Remote Sensor

- Accept the operating instruction from the RC

9. OPEN/CLOSE Button

- Open or closes the disc tray

10. Display Window

- Display operation information.

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- 8. Elapsed Playback Time/Remaining Playback Time Indicator Displays elapsed playback time and playback remainder time.
- 9. Analog Audio Output Indicator Indicates the audio sound output from analog audio jacks.



(Y, Cb i Cr) – Component video - A video signal in which the brightness (luminance) and color (chrominance) portions of the signal are processed separately. Component video signals provide greater color accuracy than S-video or composite signals.

(Y, Pb lub Pr) – Progressive scan - Instead of splitting each video frame into two sequential fields like interlaced scan, progressive scan displays the entire frame in a single sweep. Requires a compatible digital TV ("HDTV-ready" or full HDTV).

2. Down-Mixed Audio Output Terminals (L/R)



Use down-mixed (stereo) audio output terminals for connection with your television or other non-Dolby[®] Digital A/V receivers or amplifiers. These terminals provide down-mixed Dolby[®] Digital audio signals for standard 2-channel playback.

3. Coaxial Digital Audio Output Terminals



Use digital audio outputs for connection with an external Dolby[®] Digital or DTS[®] decoder. To use the Coaxial output, you will need to purchase an Coaxial cable for connection with the Coaxial Input Terminal of an AV amplifier. (Digital cable is not included with this player.)

NOTE: When connecting the Coaxial digital cable (optional)

REAR PANEL CONNECTIONS

Audio/Video Outputs

1. Component Video & Progressive Scan Outputs



4. Composite Video Output Terminal



Composite video output is the most commonly used video connection in use today and is supported by most televisions and A/V receivers. Composite video is set to display without user setup.

5. S-Video Output Terminal



You will want to use S-video output with televisions or monitors equipped with an S-video input whenever component video inputs are not available. To activate the S-video output, you must set the DVD player's "PREFE-RENCES PAGE"/ "VIDEO OUTPUT" setting to S-VIDEO (Refer to p.17).

NOTE: S-video cable is not included with this player.

6. Optical Audio Output



Output where signal is distributed by 'light" thru optical fiber wire.No magnetic field distortion.

7. SCART Terminal



The SCART terminal can be connected to the TV set equipped with SCART connectors. Whenever the SCART terminal is used, you must set the DVD player's "PREFE-RENCES PAGE"/ "VIDEO OUTPUT" setting to "SCART".

NOTE: S-Video and SCART jacks cannot output signals simultaneously.

8. Analog 5.1 Audio output



Here plug-in 5.1 Home Theater System Speaker with Amp.

9. VGA

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Output for PC monitors. (VGA standard)

10. Pad Ports



Ports for game pads.

BASIC OPERATION

I Start the Unit

Press the Power switch to start power for the unit, and the television screen will show "Read disk". If there is no disk within the unit, then the television screen will show "No disk".

II Place Disks

Press OPEN/CLOSE key to open the compartment door, and the television screen will show "OPEN". Insert the disk into the unit, and press OPEN/CLOSE key again to close the compartment door. This time the television screen will show "CLOSE". This unit reads information of the disk. After reading, it will automatically enter the playing state. (Note: In the time of playing certain disks, after reading such types of disks, it is necessary to press PLAY key or SELECT key before the video disk player starts to play.)

III Play

This unit displays the menu for the user's option according to the content of the data area of the disk. Press PAU-SE key for the switchover between playing and pausing. The play modes such as menu play, title play and sequential play, etc can be provided for you option.

1. Menu Play Adaptable to disks of DVD, super VCD and VCD2.0

- Press Menu key or PBC key:
 - If it is a DVD disk, press MENU key the television screen will show the ROOT MENU of the DVD disk.

- If it is a disk of super VCD or VCD, and in the state of PBC ON, press "PBC" key to switch over to the "PBC OFF" state for the sequential play; press "PBC" key once again to return to the PBC ON state.
- As for a disk of DVD, on menu you can press the directional key to move the HIGHLIGHT and select the required playing content; and as for a disk of super VCD or VCD2.0, on menu you can use numeric keys to directly select the playing of tunes. (Under the PBC ON, if not in the menu, it is useless to press the number button! Under the PBC off, you can press number button to select the chapter!)
- Press ENTER key or PLAY key to start playing form the position of HIGHLIGHT.
- RETURN menu in the process of playing: if it is a DVD disk, press MENU key, it will return to ROOT MENU; and if it is a disk of super VCD or VCD2.0, press RETURN key when the PBC is on to return to MENU.
- Stop Playing
 - Press STOP key for the first time, and the unit enters the quasi-stop playing while the OSD shows quasi-stop. Press STOP key once again and the unit enters the stopping state;
 - When the unit enters the quasi-stop playing, press PLAY key to resume playing form the quasi-stop time point.
 - When the unit enters Stop Playing, press Play key to enter sequential playing.
 - For the sake of protecting your disks, it is essential to press STOP key and then press OPEN/CLO-SE key to open the compartment door to take out the disks, and finally to press this key once again to close the compartment door after you take out the disk.
 - If you do not use the unit for long, please pull out the power plug.

2. Title Play Only adaptable to DVD disks

- After you press "TITLE" key, the contents of titles display on the television screen;
- Press directional keys to move highlights, and select the titles you require; or you may directly select titles by using numeric keys; and
- The unit starts playing from the first chapter where you select the title.

3. Sequential Play Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/ JPEG

- If it is a disk of super VCD or VCD, and in the state of PBC ON, press "PBC" key to switch over to the "PBC OFF" state for the sequential play; press "PBC" key once again to return to the PBC ON state.
- Except for disks of super VCD and VCD, in the Stop state, directly press "PLAY" key to realize the sequential function, which is effective in playing all disks adaptable to the play of this unit.
- 4. Programming Play Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/JPEG

By using the programming functions, you can designate at random from disks to play at most 16 tunes in a numeric order.

PROGRAM	MING		
тс	т с	т с	T C
:	:	:	:
:	:	:	:
:	:	:	:
:	:	:	:
	<play></play>	<clear></clear>	

Display of interface is: Disks of DVD, WMA and MP3/ JPEG:

PROGRAMMING	

	<play></play>	<clear></clear>	⊲⊉►
4 []	8 []	12 []	16 []
3 []	7 []	11 []	15 []
2 []	6 []	10 []	14 []
1 []	5 []	9 []	13 []

Disks of super VCD, VCD, CD, HD-CD and DTS-CD:

- If a video disk player is originally in a state of "PBC ON", PBC will be off at the same time when this operation is in a state of programming. Input numbers as HIGHLIGHT indicates, and then press "PLAY" key for programming play; or move highlight to the position of "PLAY" and then press "Enter" key for programming play.
- You can at most edit as many as 16 titles, chapters or tunes.

As indicated on the caption of the selection sheet, press the directional key to move the highlight to the desired numeric position.

After you press "PLAY" key for programming play, press "Program" key once again to display the programming sequence and content, and cancel the programming play; also you may press STOP and then PLAY keys to enter the state of sequential play.

Note:

 If you want to clear off programming numbers, you may move the highlight to the position of "CLEAR" and then press "ENTER" key.

– If you want to revise the play sequence, you may press the directional key and move the highlight to the project you want to revise and directly key in the numbers you want.

FUNCTIONAL OPERATION

- I. Direct Selection of Tunes Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/JPEG
- 1. As for DVD disks, you can directly select tunes at the menu page and title page; and you can directly select chapters in the playing process.
- As for disks of super VCD and VCD, you can directly select tune in the state of sequential playing. (in the playing state or when the PBC is on, you cannot directly select tunes. Only you can do is press PREV or Next key for selection.)
- As for disks of CD, HD-CD and DTS-CD, you may directly press the numeral keys for selection of tunes.
- As for disks of WMA and MP3/JPEG, you may directly press numeral keys to select the tunes containing in the contents of the day.

Note: Designate 1 to 10 tunes, and all you do is directly press the corresponding numeral keys (1-9,10).

Designate over 10 tunes, and use 10+key. For example, if you want to designate 15 tunes, just press Key 10+ and then Key 5. In the case of no such tunes, it will be ineffective by pressing such a key.

II. PREV/NEXT Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/ JPEG

- 1. Press NEXT key to play the next title/chapter/tune.
- 2. Press PREV key to play the previous title/chapter/ tune.



- If it is in a "PBC OFF" state of super VCD and VCD, and if it becomes the last tune currently being played, press NEXT to enter STOP state; if it is the first tune currently being played, press PREV to enter the STOP state; and if it is currently in the STOP state, it is ineffective in pressing such keys.
- If it is a disk of DVD, there will be different show as the structure of disk itself differs.

III. Multilevel Fast Forward and Backward Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3

- In the playing process, there may be functions as fast forward and backward.
- This unit provides 4 level speed of fast forward. Press Fast Forward key to select the fast forward speed. As the pressing times differ, it will be circulated in the following manner: "Fast forward x 2 Fast forward x 4 Fast forward x 8 Fast Forward x 20 Play".

If it is a DVD disk, if you move Fast Forward to the beginning of the next title/chapter, it will start playing from the starting position; and if it is a disk of super VCD or VCD, it will start playing from the starting position if you move Fast Forward to the beginning of the next title/chapter in the PBC On state.

- In the fast forward process, press PLAY key to resume the normal speed.
- 2. This unit provides 4 level speed of fast backward. Press Fast backward key to select the fast backward speed. As the pressing times differ, it will be circulated in the following manner: "Fast backward x 2 Fast backward x 4 Fast backward x 8 Fast backward x 20 Play".

If it is a DVD disk, if you move Fast backward to the beginning of this title/chapter, it will start playing from the starting position; and if it is a disk of super VCD or VCD, it will start playing from the starting position if you move Fast backward to the beginning of this title/chapter in the PBC On state.

 In the fast backward process, press PLAY key to resume the normal speed.

IV. Multilevel Slow Play Adaptable to disks of DVD, super VCD and VCD

In the time of playing dynamic images, you may use slow speed playing functions.

This unit provides 6 level slow speed playing. Press Slow Speed Play key (Slow Play) to select slow speed playing. As pressing times differ, it will be circulated in the following manner: "Slow Play 1/2Slow Play 1/3Slow Play1/ 4Slow Play1/5Slow Play1/6Slow Play1/7Play" In the slow forward process, press Play key to resume the normal speed.

V. Pause/Single Adaptable to disks of DVD, supper VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/ JPEG

- 1. In the normal playing state, press Pause key to enter the Pause state; and press down Play key to resume the normal playing state.
- If it is DVD, super VCD or VCD, If you press STEP key, the picture will pause and enter in the frame by frame mode, press it once to advance the frame by a step; and press PLAY key to resume the normal playing state.

VI. Repeated Play Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/ JPEG

Press it down for the first time to display the current mode of repeated play.

1. As for disks of super VCD, VCD, CD, HD-CD, DTS-CD, WMA or MP3/JPEG, you may use repeated play in the sequential playing state.

This unit provides two kinds of repetition modes. Press Repeat key to select the mode. As the pressing times differ, it will be circulated in the following manner: "Repeat OFF Repeat: Repeat Single Tune Repeat: Repeat All disk "

2. As for A DVD disk, you may set the repetition play mode.

This unit provides two kinds of repetition modes. Press Repeat key to select the mode. As the pressing times differ, it will be circulated in the following manner: "Repeat OFF Repeat: Chapter Repeat: Title "

3. As for a disk of super WMA or MP3/JPEG, you may use repeat play in the playing state.

This unit provides three kinds of repetition modes. Press Repeat key to select the mode. As the pressing times differ, it will be circulated in the following manner: "Repeat OFF Repeat: Repeat Single Tune Repeat: Repeat Contents Repeat: Repeat All Disk.

VII. Status OSD Adaptable to disks of DVD, super VCD, VCD, CD, HD-CD, DTS-CD, WMA and MP3/ JPEG

This unit provides status display. Press OSD key on the remote controller to display the titles, chapters, time and other auxiliary information currently being played by way of a pulling style menu.

- 1. It is a DVD disk (classified into two pages of menu)
 - Press "OSD" key to display the first page: "Disk type, title*/* (title/chief title currently being played),

chapter*/* (title/chief title currently being played) and time for playing all the disk."

- Press "OSD" once again to display the second page: "Audio dubbing: */* (corresponding numbers to current audio dubbing types/total numbers of available language types) or OFF and angle: */* (corresponding numbers to current angle types/ total numbers of available angle types) or OFF."
- Press "OSD" key for the third time, and the screen display is pulled upward and disappears.
- 2. When it is a super VCD
 - Press "OSD" key once to display: "Types of disks, tunes*/* (tune currently being played/total numbers of tunes), mute status marks, PBC status, repetition mode status and time for single tune play". Press "OSD" key twice to display: "Audio dubbing: */* (corresponding numbers to current audio dubbing types/total numbers of available audio dubbing types) or OFF, types of languages, types of sound effect, captions: */* (corresponding numbers to current language types/total numbers of available language types) or OFF.
 - Press "OSD" key for the third time, and the screen display is pulled upward and disappears.
- 3. When it is VCD
 - Press "OSD" key once to display: "Types of disks, tunes*/* (tune currently being played/total tunes), mute state marks, PBC state, repetition mode state and single tune playing time".
 - Press "OSD" key for the second time, and the screen display is pulled upward and disappears.
- 4. When it is disk of CD, DTS-CD, HD-CD, WMA or MP3/JPEG
 - Press "OSD" key once to display: "Types of disks, tunes*/* (tune currently being played/total tunes), mute state marks, PBC state, repetition mode state and single tune playing time".
 - Press "OSD" key for the second time, and the screen display is pulled upward and disappears.

VIII. TIME Adaptable to disks of DVD, super VCD, VCD, CD, DTS-CD and HD-CD

This function is used for starting play at a place designated by the user. Press TIME key on the remote controller to display the pull down menu and then enter the edit state. Press the numeral keys (0-9, 10+) on the remote controller according to the location of the highlight, and key in the desired title/chapter/numbers of tunes or key in time for all disks TIME. Use the directional keys to move highlights. After completing edition, press Enter key once to start playing from the set playing point. If you key in irrational playing points, then the television screen will show prompts such as "Invalid Key".

Note:

- 1. In the programming state, it is invalid to press TIME key.
- 2. If it is in the PBC ON state, then PBC will automatically off after starting playing by TIME.
- 3. There is no such a function in the time of playing a disk of WMA or MP3.

IX. Select L/R Adaptable to disks of VCD, CD, WMA and MP3

Press it for the first time to display the current channel mode.

- 1. Press this key to perform channel conversion functions.
- Every time you press "L/R" key, you can switch the channel over and the television screen will display in turn:
- If it is a disk of super VCD or VCD: "Channel: Stereo Channel: Mono L Channel: Mono R Channel: Auto L Track: Auto R".
- If it is a disk of CD, WMA and MP3: "Channel: Stereo Channel: Mono L Channel: Mono R".
 - With VCD tale disk in two languages, you can select the required language by pressing Select L/R key.

X. Select LANGUAGE(Audio Dubbing) Adaptable to disks of DVD, super VCD

Press the key for the first time to display the audio dubbing mode currently being used.

As for disks of DVD or super VCD with multiple audible languages recorded, press this key to select the required audible languages in the time of playing.

Every time you press Audio Dubbing key you will switch over a kind of audio dubbing mode, and the television screen will display the code of the selected audio dubbing mode. For example: "Audio dubbing graph: [1 Language DTS 6CH] or [Off]"(Types of audio dubbing on the basis of different disks) This unit supports audio dubbing for as many as 8 languages such as Chinese, English , Japan, French, Spanish, Portuguese, Latin and German.

XI. Select SUBTITLE(Captions) Adaptable to disks of DVD and super VCD

Press it for the first time to display the caption language mode currently being used.

As for disks of DVD or super VCD with multiple language captions recorded, press this key to select the required language captions in the time of playing.

Every time you press Subtitle key you will switch over a kind of audible language, and the television screen will display the code of the selected language caption. For example: "Caption graph: [1 Language] or [Off]"(Types of languages on the basis of different disks)This unit supports captions for as many as 8 languages such as Chinese, English , Japan, French, Spanish, Portuguese, German and Off.

XII. Select Frame Angle Adaptable to DVD disks

Press it for the first time to display the frame angle currently being played.

As for DVD disks recorded with multiple frame angles, you can select the frame angle by selecting this key according to your requirements.

Every time you press the angle key to switch over to another angle, and the television screen will display the angle code you select. For example, "Angle Icon: [*/*] (that is, the current angle/total selectable angles) or [**OFF**]" (the existence of the selectable angles and total numbers shall be subject to the different videodisks. If there is no selectable angle information in the disk, the television screen will display "Invalid Key".)

XIII. Select System(N/P) Adaptable to disks of DVD, super VCD, VCD, CD, DTS-CD, HD-CD, WMA and MP3/JPEG

Press this key for the first time to display the system currently being used.

This unit provides four kinds of systems for your option. Press System key to switch over to the visual output system shown as follows:"Television System: [NTSC] Television System: [PAL60]Television System: [PAL] Television System: [AUT0]"

Note:

- This unit can select "Television System: [AUTO] in the system, possessed of the functions as automatic selection of disks and the playing system with the ideal clarity.
- If a full screen is not displayed on the screen (Note: "No full screen for wide Screen format", or no color, press the System Conversion key on the remote controller to select the visual mode so as to be suited to the color television sets in the PAL and NTSC system.
- Part of functions in certain systems for some of the disks will probably not so perfect if you play them in different systems.
- It is recommended that you set the television system as "AUTO".

XIV. Mute Adaptable to disks of DVD, super VCD, VCD, CD and MP3/JPEG

After you press MUTE key on the remote controller, the Audio output will be off, and the television screen will display "MUTE"; press this key again or press "VOL+" or "VOL-" to cancel the mute state and the audio output is on.

Note:

- In the case of no voice output from the unit, try pressing the MUTE key.

XV. Zoom Playing (Enlarge the playing frame) Adaptable to disks of DVD, super VCD, VCD and JPEG

1. Press ZOOM key on the remote controller, you can have the images enlarged. This unit provides three kinds of zoom modes. Press ZOOM key to have circulated selection in turn: "Enlarge 2 Enlarge 3 Enlarge 4 Enlarge 1/2 Enlarge 1/3 Enlarge 1/4: Off".

In the time of playing the menu on the disk, it is ineffective to press the key.

 In the time of Zoom 2 Zoom 3 Zoom 4, you may use the directional key (◄►▲♥)to move the frame. So you can enjoy every part of the enlarged frame as you require.

XVI. Repeated Play of Specific Sections(A-B) Adaptable to disks of DVD, super VCD, VCD, CD, DTS-CD and HD-CD

- In the time of normal play or fast forward or backward, press A-B key at the starting point (Point A) where you want to repeat the play section, the television screen will display: "Repeat A-";
- In the time of normal play or fast forward or backward, press A-B key at the starting point (Point B) where you want to repeat the play section, the television screen will display: "Repeat A-B";
 - The unit will automatically return to Point A to start repeated play of the selected

sections (A-B).

3. Press the A-B key for the third time, and the television screen will display "A-B Cancel".

Note:

- As for disk of super VCD, VCD or CD, only at the designated section in the tunes can the unit automatically cancel "Section" functions after changes in tunes.
- As for DVD disks, only within the range of Title/ Chapter can you designate sections.



XVII. Volume Control Adaptable to disks of DVD, super VCD, VCD, CD, DTS-CD, HD-CD, WMA and MP3

- You can press VOLUME key on the television or power amplifier to regulate volume.
- Press VOLUME key on the remote controller of this unit: Press "VOLUME+ key to raise volume; press "VOLUME-" to lower volume.

Note:

 When output resource code in playing DVD disk, this item is not adjustable.

PLAYING WMA and MP3/JPEG



After you put in a disk of MP3/JPEG, the video disk player will automatically search and store all catalogs of MP3/ JPEG. After finishing the search, it will automatically enter the first catalog of MP3 in preference(as for the disk of files of mixed replacement, it will enter the first catalog if it is a disk of single type of file), and start to play the first song under this catalog (The highlight stops at the position of "01:", with display on the screen as follows:

You can enter the catalog area by the move order of the directional key to select the catalog you want, and at the same time to play the next tune under such a catalog; and you can also enter the file area to select the required file you play by virtue of move order of the directional key.

Note:

- Press Left/Right directional keys to move the highlight in the catalog area, file area and function switchover area.
- 2. The highlight in the catalog area and file area is shown in the above chart; it is a transparent square frame within the function switchover area.
- 3. The highlight can be moved within the function switchover area by moving the Left/Right directional key, and press Select key to confirm execution function; the implications of keys such as "M", "P" and "G' are as shown in the chart. The letters on the keys you can select are white. If they are black, then it indicates that there is no such file. The color of "keys" you have selected (in the process of playing) becomes darker.
- As for mixed disks of WMA, MP3 and JPEG, in the process of playing press Return key and the frame will return to the JPEG menu catalog.
- 5. You may press the directional key to enter the direct files under the catalog. For example, if you want to play the 15th tune in the catalog, first press "10+" key once and then press "5" key, and the unit will start playing from the 15th tune.

Note:

MP3 disk has no pictures, and it has only numeric audio music output.

6. In the process of playing JPEG picture optical disk, press Program key to select the display effect of picture switchover. There are altogether 17 kinds of display effect for switchover; they will be circulated in the following manner as the pressing times differ.

Show pictures from up to down direction>Show pictures from down to up>Show pictures from left to right>Show pictures from right to left>from left up to right down>from right up to left down>from left down to right down>from right down to left up>from middle to up>Show pictures from down>Show pictures from up/down to middle>Show pictures from right/left to middle>Show pictures horizontally in a manner of a shutter>Show pictures vertically in a manner of shutter>Show pictures from all sides to the middle>random play (display) pictures>No switchover effect;

7. In the time of playing pictures or a pause, you can switch over to the display angle by pressing Up/Down/ Left/Right directional keys.

UP: Turn up and down DOWN: Turn horizontally LEFT: Turn 90 degrees leftward RIGHT: Turn 90 degrees rightward

FUNCTION SETUP

General Steps for Setting DVD Functions

- Press SETUP key and the television screen will display main menu setup.
 - After it enters the main menu setup, the system will automatically convert into Pause state.

SYSTEM SETUP	
TV SYSTEM	
SCREEN SAVER	
VIDEO	
TV TYPE	
PASSWORD	
RATING	
DEFAULT	
EXIT SETUP	

 Press directional key (corè) to move the highlight to the item group you require, and then press (êorè) key to enter setup menu of this item.

For example, if you want to set up audio setup, press directional key (è) to move the highlight to the "Audio Setup Page" item, and the television screen will display the audio setup page.

VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
EXIT SETUP

 Press the directional key (ê)to move the highlight to the required item for setup. Press [ENTER] key to confirm or press the directional key (è) to enter the setup menu.

For example, press the directional key (\hat{e}) to move the highlight to BRIGHTNESS, and then press [ENTER] key to confirm. The television screen will display the item of brightness.

Move slider by using the directional keys (êoré) to set up brightness for audio output.

VIDEO SETUP		
BRIGHTNESS	•	
CONTRAST		— 12
HUE		— 10
		- 8
SATURATION		- 6
		— 4
EXIT SETUP		— 2
	— I	— 0

4. Press directional keys to move the highlight to EXIT SETUP (Exit setup menu), and then press [ENTER] key or [SETUP] key to exit setup menu.

Note:

 In the time of function setup, press the following keys to cancel the function setup state, but the existing setup is still valid: N/P, Subtitle, Fast Forward, Fast Backward, Vol+/-, PBC, Title, Return, Play, Pause, Step, PREV/Next, Slow, Zoom, View, Time, Program, Repeat, A-B, Angle, Language, L/R, OSD, Mute, V-MODE, Karaoke, Random and Setup.

Description of Each Setup

1. System Setup The setup structural chart is as follows:

TV System

SYSTEM SETUP	
TV SYSTEM	NTSC
SCREEN SAVER	PAL 60
VIDEO	PAL
TV TYPE	AUTO
PASSWORD	
RATING	
DEFAULT	
EXIT SETUP	

Select according to the connected TV color system

- As for the multiple system television, you may select "AUTO" item;
- As for the NTSC system television, you may select "NTSC" item;
- As for the PAL system television, you may select "PAL" item;
- As for the PAL60 system television, you may select "PAL60" item.

Initial value setup is:AUTO.



SCREEN SAVER

SYSTEM SETUP]
SCREEN SAVER	▶ ON
VIDEO	OFF
TV TYPE	
PASSWORD]
RATING]
DEFAULT]
EXIT SETUP	

It starts the screen protection function. When the unit is in a state of pause, open or no disks or static frame for 60 seconds or so, there will be screen protection pictures. The screen protection is used for prevention from any damage done to the screen.

- On: Starts the screen protection.
- Off: Cancels the screen protection.

Initial setup is: On.

VIDEO(Video Output)

SYSTEM SETUP	
TV SYSTEM	
SCREEN SAVER	
VIDEO	INTERLACE-YUV
TV TYPE	TV-RGB
PASSWORD	P-SCAN YPBPR
RATING	S-VIDEO
DEFAULT	
EXIT SETUP	

- 1. Video Component: In the time when the DVD player uses Y, Cb and Cr Video wires to connect the television, you may select this item.
- 2. **TV-RGB:** In the time when the DVD player uses S terminal or compound video output to connect the television, you may select this item.
- 3. **P-SCAN:** In the time when the DVD player uses Y, Pb or Pr video wires to connect the television and to switch the television over to scanning by lines, you may select this item.
- 4. PC-VGA: In the time when the DVD player uses VGA video wires to connect the television or the display and to switch the television over to scanning by lines, you may select this item.
- 5. **S-VIDEO:** In the time when the DVD player uses S terminal or compound video output to connect the television, you may select this item.

Note:

- In the time when compound video output is used in this unit, you may select either of the two items.
- In the case of available scanning functions by lines, you may select TV-RGB/P-SCAN

Initial setup is: TV- RGB

Percentage of Screen Frame



16:9 Wide Screen

1. **16: 9 (wide screen):** Select this item when this unit connects a wide screen television unit.



4:3 Letter Box

2. **4:3LB (Letter Box):** As for televisions of general sizes, please select this item. The top and bottom of the television screen will appear black rims in the time of playing wide screen pictures.



4:3 Pan and Scan

 4:3PS (Pan and Scan): Adaptable to televisions of general sizes. In the time of playing wide screen pictures, the left and right rims of pictures will be cut and the pictures will be shown on the full screen.
Initial setup is: 4:3PS (Full scene scan).
Note:

The playing effect bears relevance to the recorded frames of a disk. Some of the disks will probably fail to be played according to the size or frame you select.



- 2. As for the disk of 4:3 mode, no matter what you set the percentage of the frame, the percentage played is only and just
- 3. The selection of percentage of screen frame should be subject to the percentage of the screen of the television you are actually using.

PASSWORD

SYSTEM SETUP	
TV SYSTEM	
SCREEN SAVER	
VIDEO	
TV TYPE	
PASSWORD	•
RATING	
DEFAULT	
EXIT SETUP	

The initial setup of this item is the state of "PASSWORD LOCKED". At this time you cannot select the "RATING", and neither can you modify the password. In the case of any necessary setup for the "rating", you must press the numeric keys to key in the initial password for this unit: 0000, and then press the SELECT key for confirmation; if you want to modify the password, you must first of all input the old password before you do the new (The valid password is 4-digit.)

RATING

SYSTEM SETUP	
TV SYSTEM	1 INFANT
SCREEN SAVER	2 G
VIDEO	3 PG
TV TYPE	4 PG13
PASSWORD	5 PGR
RATING	▶ 6 R
DEFAULT	7 NC-17
EXIT SETUP	8 ADAULT

When you play the disk of lock functions, you may select the control rating by suitable ages according to the rating classified by the disk or your actual requirements.

- The control rating by ages is: 8 item. Initial setup is: 8 ADULT.

Note:

Only when the PASSWORD is unlocked can you select the rating; and only when the PASSWORD is locked can the restriction play its role.

DEFAULT

SYSTEM SETUP	
TV SYSTEM]
SCREEN SAVER]
VIDEO]
TV TYPE]
PASSWORD]
RATING]
DEFAULT	RESTORE
EXIT SETUP]

After this item is selected, all function setup column will restored to the initial state.

Language Setup

The setup structural chart is as follows:

▶ ENGLISH
POLISH
GERMAN
SPANISH
RUSSIAN

Enter OSD LANGUAGE(Frame display language)setup. Press the directional key to select the frame display language item you require and then press ENTER key for confirmation. There are six modes for your option: English, Polish, Germany, Spanish and Russian.

LANGUAGE SETUP	
OSD LANGUAGE	CHINESE
AUDIO LANG	▶ ENGLISH
SUBTITLE LANG	JAPAN
MENU LANG	FRENCH
	SPANISH
EXIT SETUP	PORTUGUESE
	LATIN
	GERMAN

Enter AUDIO LANG (Audio language) setup. Press the directional key to select the "Audio language" item you require and then press ENTER key for confirmation. In this item this unit can support as many as eight languages for your option: Chinese, English , Japan, French, Spanish, Portuguese, Latin and German.

Enter SUBTITLE LANG (Subtitle language) setup. Press the directional key to select the "subtitle language" item you require, and then press ENTER key for confirmation. In this item this unit can support as many as eight modes for your option: Chinese, English , Japan, French, Spanish, Portuguese, German and Off.

LANGUAGE SETUP		
OSD LANGUAGE		CHINESE
AUDIO LANG		ENGLISH
SUBTITLE LANG		JAPAN
MENU LANG		FRENCH
	[SPANISH
EXIT SETUP		PORTUGUESE
	[GERMAN
	ĺ	LATIN

Enter MENU LANG (Menu language) setup. Press the directional key to select the "Menu language" item you require and then press ENTER key for confirmation. In this item this unit can support as many as eight modes for your option: Chinese, English , Japan, French, Spanish, Portuguese, German and Latin.

Note:

- If you select the language not recorded in the DVD, then this unit will automatically select the default language recorded in such a disk.
- The initial setup of the submenu available of the unit is: English.

Audio Setup

AUDIO

The setup structural chart is as follows:

AUDIO SETUP	
AUDIO OUT	SPDIF/OFF
KEY	SPDIF/RAW
PROLOGIC	SPDIF/PCM
EXIT SETUP	

AUDIO OUT(Audio output). Press the directional key to select "Audio Output" you require and then press [ENTER] key for confirmation. There are 3 kinds of modes for your option: SPDIF/OFF, DPDIF/Resource Code and SPDIF/PCM.

- SPDIF/OFF: There is no signal output in the coaxial or optical fiber output port.
- SPDIF/Resource code: When the videodisk player connects the power amplifier by way of the coaxial or optical fiber port, please select this item. In the time when you play the disk recorded by applying Dolby digital, DTS or MPEG recording system, the output of this unit by way of the coaxial or optical fiber output port is the corresponding digital signals (Resource code format); at this time, the connected power amplifier must be possessed of the decoding functions of Dolby Digital, DTS or MPEG.
- SPDIF/PCM: When the videodisk player connects the double track digital stereo amplifier, please select this item; when you play the disk recorded by applying the Dolby Digital or MPEG, the coaxial or optical fiber output port will be output in a manner of modulating the PCM into two channel.

KEY(Tune)

AUDIO SETUP		
AUDIO OUT		
KEY	_	#
PROLOGIC	-	= +4
	-	— + 2
		- 0
EXIT SETUP	-	2
	-	4
		b

Use directional keys (Up or Down) to move the slider for the setup of tune.

Video Setup

The setup structural chart is as follows:

BRIGHTNESS

VIDEO SETUP		
BRIGHTNESS		
CONTRAST		-12 -10
HUE		
SATURATION		
		- 4
EXIT SETUP	—	— 2
	—	— 0

Use directional key (Up or Down) key to move slider to set up brightness for video output.

CONTRAST

SPEAKER SETUP DOWNMIX	LT/RT STEREO	
EXIT SETUP		

Use directional key (Up or Down) key to move slider to set up contrast for video output.

HUE(hue)

VIDEO SETUP		
BRIGHTNESS		
CONTRAST		- +6
HUE		— +4
SATURATION	-	= +2
ontenanion		0
		2
EXIT SETUP		- 4
		6

Use directional key (Up or Down) key to move slider to set up hue for video output.

SATURATION

VIDEO SETUP		
BRIGHTNESS		
CONTRAST		— 12
HUE		— 10
SATURATION	—	- 8
SATURATION	·	- 6
		— 4
EXIT SETUP		- 2
	—	- 0

Use directional key (Up or Down) key to move slider to set up saturation for video output.

Speaker Setup

The setup structural chart is as follows:

DOWNMIX (Mixed mode)

SPEAKER SETUP	
DOWNMIX	LT/RT
	STEREO
EXIT SETUP	

 LT/RT:When the disk you are playing has a stereo Pro Logic Dolby effect, select this item. The disk signal will be deciphered by way of the deciphering system in the videodisk player so as to be able to reoccur the vivid theatrical effect.



- STEREO(stereo sound): In the time of Track 5.1 output, audio frequency outputs two lines of signals by way of right and left tracks; in the case of output by both tracks, the audio output is a common stereo signal.
- VSS (Virtual surrounding sound): In the time of playing disks recorded by track 5.1, you can have the virtual surrounding sound effect output from the main track loudspeaker.
- 5.1 CH: Only when this item is selected is the output of Track 5.1 valid.

DOWNMIX	
SUBWOOFER	• OFF
BASS MODE	ON
CENTER DELAY	
REAR DELAY	
EXIT SETUP	

This setup includes two items: ON/OFF. In the state of 'ON', the unit will automatically check whether there is any input of subwoofer. If there is sound input, there will be output of sound; but in the state of "OFF', when you input woofer, there will be no output of sound.

BASS MODE

SUBWOOFER

	_
DOWNMIX	
SUBWOOFER]
BASS MODE	▶ ON
CENTER DELAY	OFF
REAR DELAY]
EXIT SETUP]

This setup includes two items: ON/OFF.

CENTER DELAY

DOWNMIX SUBWOOFER BASS MODE	
CENTER DELAY	
REAR DELAY	- 4 MS - 2 MS - 0 MS
EXIT SETUP	

Select this item to regulate setup in the time of center delay.

REAR DELAY

DOWNMIX	
SUBWOOFER	
BASS MODE	
CENTER DELAY	— — + — 4 MS
REAR DELAY	— — 4 MS
	— — — 0 MS
EXIT SETUP	-

Select this item to regulate setup in the time of rear delay.

DIGITAL SETUP (Dolby digital setup)

The setup structural chart is as follows:

OP MODE (Output mode)

8

DIGITAL SETUP	
OP MODE	LINE OUT
DYNAMIC RANGE	RF REMOD
DUAL MONO	
EXIT SETUP	

 LINE OUT (Line output): Perform linear compact for input signals. Lower volume is relatively adaptable to uses at night.

RF REMOD(RF adjustment):Greater volume is suited to uses by day.

Dynamic Range



When you select the compact model as "Line output", select this item to adjust the linear compact ratio and acquire the compact effect of different signals. When FULL is selected, the crestcrest value of audio signals is to the minimum. When OFF is selected it becomes maximum.

Note: Only when the mix mode setup in the speaker setup is "OFF" is it valid.

DUAL MONO (Left+Right)



This item is to set up an output mode for audio output L/R route signals; it includes four modes such as stereo sound, left track, right track and mixed track mainly for the selection of Kara okay mode for AC3.

Prompts for Customers:

- -For the sake of prolonging service life of the unit, the interval between continuous starting of the unit must be over 30 seconds.
- In the case of no long-term use, please pull out the power plug.
- The applicable voltage must be within the range of specified limit, or else it will be impossible to play or the unit will be even burnt.
- This unit cannot play those enciphered disks compressed by certain customers.
- -In the case of any casual lock up, please restart the unit.

Game Program Function

- 1. Turn on DVD power, press [**OPEN/CLOSE**] button to open disc tray, then place in game disc. Press button again to close the tray, later it will read, disc data.
- After a few minutes, the TV screen will display the first menu of game program, press number button to select the program you like. If you don't select the program you like, then press [NEXT] for the next menu or press [NEXT] button again until you find the game program you like. If you would like to go back to previous menu, press [PREV].
- 3. Enter into game program which is selected, press the [MODE (SELECT)] button of the joysticks 1. Select "1" for single operator, select "2" for double operators, select "3" for example.
- 4. Press [START] button, game program starts.
- 5. Press [left, right, up, down] buttons, you can start to play as follow the buttons [left, right, up, down].
- Press [A] or [C] button, you can attack objective if you want (It should be different process according to the different game program).
- 7. Press [B] or [D] button, you can jump over the obstacles and avoid the danger.
- 8. If you want to quit or try some other games, press "MENU" button and repeat the same step as mentioned above.

If you want to quit the game program or appreciate other DVD programs, be reference from the DVD manual.

Troubleshooting

Before requesting service for this player, check the items below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.

PICTURE

No Picture

- Ensure that the equipment is connected properly.
- Connect the video cable securely into the appropriate jacks.
- Select the appropriate video input mode on the TV so the picture from the DVD video player appears on the TV screen.

Picture Distorted

- The disc is dirty and needs to be cleaned.
- It is normal for some distortion to appear while Fast Motion Playback.

Picture not Suit TV Screen

 Change "TV SCREEN" setting in DVD Setup Menu to suit your television.

SOUND

No Sound

- Check the connections.
- Check the volume on the equipment you have connected.
- Connect the audio cable securely into the appropriate jacks.
- Ensure that the input settings for the television and stereo system are correct.
- IF the player is in mute mode, please press "Mute" button again to turn on sound.

No Stereo Sound Effect when Playing Video CD or CD

- Check the connections.
- Press "Stereo" button to select stereo sound.

THE REMOTE CONTROL DOES NOT WORK PROPERLY

- Remove the obstacle existing between the DVD player and the remote control.
- The remote control is too far from the DVD video player. Operate the remote control within operating distance.
- Point the remote control at the remote sensor of the DVD video player.
- If the batteries in the remote control are exhausted, please replace batteries with new ones.

THE DVD PLAYER DOES NOT START PLAYBACK

- No disc is inserted. ("No disc" symbol appears on the screen). Please insert disc.
- The disc is placed upside down. Place the disc with the playback side down.
- The disc is dirty. Please clean the disc.

If you are in doubt about some of the following items or if the remedies indicated in the chart do not solve the problem consult your local dealer for service.

Specifications

Wavelength: 650nm Signal System: PAL/ AUTO/ NTSC Frequency Response: 20Hz~20,000 Hz ±2.5dB Signal to Noisy Ratio: >85dB Audio Distortion+Noise: ≤80dB(1KHz) Audio Dynamic Range: ≥85dB(1KHz) Output Audio output (Analog audio) average output: 2V±10%, Load: 10KΩ Audio output (Digital audio) average output: 0.5Vp-p±20%, Load: 75Ω Video output average output: 1Vp-p \pm 20%, negative sync, Load: 75 Ω Color difference output: Luminance (Y) 700mv±20%; Color (Cb) 535.5mv±20%, Color (Cr) 535.5mv±20% S video output average output: Luminance signal (Y) 1Vp-p±20% (75Ω load) Color signal (C) 0.286Vp-p $\pm 20\%$, (75 Ω load) Power Supply: AC110V~260V: 50/60Hz



Najszybszą metodą rozwiązania wielu problemów jest kontakt z naszym serwisem. **tel: (022) 332 34 63 – od poniedziałku do piątku w godz. 9.00-17.00** Producent zastrzega sobie możliwość wprowadzenia zmian w specyfikację produktu bez uprzedzenia.