INSTRUCTIONS

AV COMPU LINK

VIDEO DIGITALOUT DIGITALOUT SUPERVIDEO

©2005 Victor Company of Japan, Limited

0105MOC-MW-SC

GNT0060-001A[US]

Region code of DVD VIDEO

This player can play back DVD VIDEO discs whose region code numbers include "1. Examples of playable DVD VIDEO discs



Note of Color system format

This player accommodates the NTSC system, and also

can play back discs recorded with PAL system. (PAL video signals are converted to an NTSC signal and output.)

Supplied accessories If anything is missing, consult your dealer immediately.

- Audio/video cable (Yellow/White/Red) (x 1) Remote control (x 1)
- R6(SUM-3)/AA(15F) battery (x 2)
- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories
- "DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc This product incorporates copyright protection
- technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

For customer use Enter below the Model No. and Serial No. which are

located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEI

CAUTION



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within 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: TO REDUCE THE RISK OF FIRE OR

ELECTRIC SHOCK. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

For U.S.A.

This equipment has been tested and found to comply ith the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable

orotection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications However, there is no guarantee that interference will not occur in a particular installation. If this equipment ldoes 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 t correct the interference by one or more of the following measures: Reorient 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.

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

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FORM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.

Warnings, Cautions and Others

To reduce the risk of electrical shocks, fire, etc.: 1. Do not remove screws, covers or cabinet.

2. Do not expose this appliance to rain or moisture Caution — O/I STANDBY/ON button!

Disconnect the mains plug to shut the power off completely. The U/I STANDBY/ON button in any position does not disconnect the mains line. The power n be remote controlled.

CAUTION

HIS PRODUCT USES A LASER SYSTEM. USE OF CONTROLS OR ADJUSTMENTS OR ERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS ADIATION EXPOSURE OO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF

REFER SERVICING TO QUALIFIED PERSONNEL

CLASS 1 LASER PRODUCT REPRODUCTION OF LABELS WARNING LABEL INSIDE OF THE UNIT

> CAUTION - VISIBLE OR INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.
>
> ATTENTION -RAYONNEMENT LASER VISIBLE OU INVISIBLE EN CAS D'OUVERTURE
> NE PAS REGARDER DANS LE FAISCEAU.
>
> LP41077-00:

CAUTION:

• Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)

- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Precautions

Notes on the power cord

- When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet. A small amount of power (1.0 W) is always consumed while the power cord is connected to the wall outlet • When unplugging the player from the wall outlet,
- always pull the plug, not the power cord.
- Do not handle the power cord with wet hands! Disconnect the power cord before cleaning the
- player or moving the player
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric
- shock, or other accidents. \bullet If the cord is damaged, consult a dealer and have the power cord replaced with a new one

Avoid moisture, water, dust, and high temperatures

- Do not place the player in moist or dusty places. • If water gets inside the player, turn off the power and remove the plug from the wall outlet then consult your dealer. Using the player in this state may cause
- a fire or electrical shock. • Do not expose the player to direct sunlight or place it near a heating device.

Notes on installation

- Select a place which is level, dry and neither too hot
- nor too cold between 5°C and 35°C (41°F and 95°F). Leave sufficient distance between the player and the TV.
- Do not install the player in a place subject to vibrations. Do not put heavy objects on the player
- To prevent malfunction of the player
- There are no user-serviceable parts inside. If anything goes
- Do not block the vents. Blocking the vents may.
- wrong, unplug the power cord and consult your dealer Do not insert any metallic objects, such as wires. hairpins, coins, etc. into the player.
- damage the player.

To clean the cabinet

 Use a soft cloth. Follow the relevant instructions on the use of chemically-coated cloths. Do not use benzene, thinner or other organic solvents and

disinfectants. These may cause deformation or discoloring.

Playable discs

• DVD VIDEO, Audio CD, Video CD, SVCD



- CD-R/RW written in the SVCD, Video CD or Audio CD CD-R/RW written in MP3/WMA/JPEG in accordance
- with the "ISO 9660" format

Supported Digital audio formats: Linear PCM, Dolby Digital, DTS (Digital Theater Systems)* NOTES

- If a disc gets dirty, scratched or warped, or due to the disc characteristics or recording conditions, the player may not be able to play back such discs. The player can play back audio signals recorded in
- MIX-MODE CD, CD-G, CD-EXTRA and CD TEXT. With some discs, operations may not be possible To play back DTS-encoded DVD VIDEO or DTS encoded Audio CD discs correctly, connect the

player to an amplifier with a built-in DTS decoder

Otherwise, playback sound will be distorted.

Unplayable discs

If you try to play back discs listed below, noise may be generated and causes damage to speakers.

- DVD-RW written in the VR format DVD-ROM, DVD-RAM, DVD AUDIO, CD-ROM,
- PHOTO CD. SACD Unfinalized discs
- Discs of irregular shape or discs with tape, seals or
- paste on either the label side or playback side. Playing back these discs may damage the player

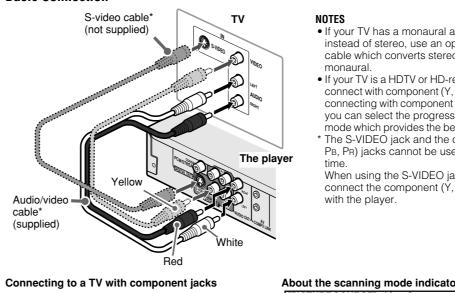
The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

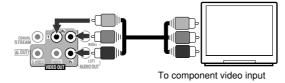
Connections

Before making connections:

 Do not connect the AC power cord until all other connections have been made • Connect VIDEO OUT of the player directly to the video input of your TV. Connecting VIDEO OUT of the player to a TV via a VCR/an integrated TV/Video system may cause a monitor problem.

Basic Connection





To switch the scanning mode between Progressive and Interlace, press and hold VFP-I/P on the remote control NOTES

• Connect "Y" to "Y," "PB" to "PB(CB)," "PR" to "PR(CR)" correctly.

• When using component (Y, PB, PR) jacks, do not connect S-VIDEO jack with the player.

with the player.

monaural.

/ Local tile comming mode maleuter									
[PICTURE SOURCE] of	Source type of DVD VIDEO								
the PICTURE menu	Emenu Film source Video source								
AUTO	[DDP]	[P]							
FILM	[DDP]	[DDP]							
VIDEO(NORMAL)/ (ACTIVE)	[P]	[P]							
NOTE		-							

If your TV has a monaural audio input

instead of stereo, use an optional audio

cable which converts stereo audio output to

• If your TV is a HDTV or HD-ready TV, you can

connect with component (Y, PB, PR) jacks. By

connecting with component (Y. PB. PR) jacks.

mode which provides the best picture quality

The S-VIDEO iack and the component (Y.

PB. PR) jacks cannot be used at the same

When using the S-VIDEO jack, do not

connect the component (Y, PB, PR) jacks

you can select the progressive scanning

OPEN/ CLOSE

- SLOW + DISPLAY ON SCREI

● (ENTER)

—

1 2 3

4 5 6

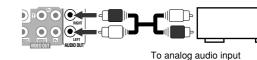
7 8 9

GROUP EFFECT VFP DIMMER

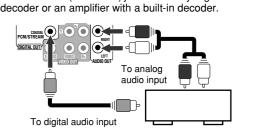
 $\overline{\otimes}$ \bigcirc

Some progressive TV and High-Definition TV sets are not fully compatible with the player. To check the compatibility of your TV, contact your local JVC customer service center

Connecting to a stereo audio amplifier (receiver)



Connecting to a digital audio device To enjoy high-quality surround sound, connect the DIGITAL OUT (COAXIAL) jack to a Dolby Digital or DTS



- Depending on the disc, no signal may be outputted from the DIGITAL OUT. Make an analog connection
- Set [DIGITAL AUDIO OUTPUT] in the [AUDIO] preference display correctly according to the connected digital audio equipment. (See "DIGITAL AUDIO OUTPUT" in "Initial settings.")

Using the AV COMPU LINK system

The JVC COMPU LINK system allows you to enjoy video and/or audio by simply pressing Play on the source component (the component which plays back the video or audio, such as a DVD player or VCR). You do not even have to switch on power on the TV or

Connection and setup Using an AV COMPU LINK cable, connect the AV COMPU LINK terminals of each component to one

• The player's AV COMPU LINK setting is controlled using the OTHERS menu in the preference display. See "AV COMPULINK MODE" in "Initial settings."

• See also the instruction manual of the other device.

EX. 1 To AV COMPU LINK (II, EX, or III)

the television: **DVD2**

the television: **DVD3**

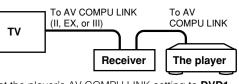
T۷ The player • Set the player's AV COMPU LINK setting as follows: When connecting to the VIDEO-1 input terminal of

EX. 2 To AV COMPU LINK COMPU LINK (II, EX, or III) VCR The player • Set the VCR's Remote Control Code and the player's

When connecting to the VIDEO-2 input terminal of

- AV COMPU LINK setting as follows: When connecting to the VIDEO-1 input terminal of the television:
 - The player's AV COMPU LINK setting: DVD2
 - VCR's Remote Control Code: **B**
- When connecting to the VIDEO-2 input terminal of the television:
- The player's AV COMPU LINK setting: DVD3 VCR's Remote Control Code: A

EX. 3



• Set the player's AV COMPU LINK setting to DVD1. Notes for connection

- If you connect the player to a receiver via AV COMPU LINK in a system including a Dolby Digital decoder, some functions may not be performed automatically
- Connect the AUDIO OUT jacks of the player to the audio input jacks of a receiver indicating "DVD." Otherwise, the system will not work correctly.

Operation 1. Turn on the main power of the television. 2. Insert a disc (or tape) into the source component

- Press ➤ of the source component. The following actions are performed automatically:
- Turning on the television and/or receiver.
- Setting the source of the television to the external
- input (VIDEO-1 or VIDEO-2).
- Setting the source of the receiver to the component which has started playback.

Turning on the power

Inserting the AC power plug

AC power plug to the wall outlet firmly. Installing the batteries in the remote control

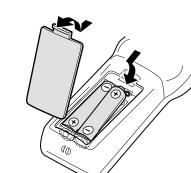
supplied R6(SUM-3)/AA(15F) batteries in the remote

control according to the polarity markings ("+" and "-")

Open the compartment cover, and place the two

inside the compartment. Then replace the cover.

After all other connections have been made, insert the



The batteries will last about six months with normal use If the functions of the remote control become erratic.

Precautions of the safe use of batteries

replace the batteries.

properly.

Observe the following precautions for the safe use of batteries. If they are used improperly their lives will be shortened, they may burst or their contents may leak. Remove the batteries from the remote control if it is not going to be used for a long period of time.

• Remove dead batteries and dispose of them

apart, mix them with other refuse, or throw them into an incinerator. • Never touch liquid that has leaked out of a battery. • Do not mix new and old batteries, or batteries of

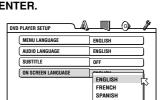
• Never leave dead batteries lying around, take them

Turning on and off the player Press O/ISTANDBY/ON.

different types, when placing them.

Initial setup

follows: 1 Press E



DVD PLAYER SETUP	
MONITOR TYPE	100
PICTURE SOURCE	16:9 4:3 LB
SCREEN SAVER	4:3 PS
BACKGROUND	STANDARD

- For a normal (conventional) TV, select "4:3 LB" or "4:3 PS." (See "MONITOR TYPE" in "Initial
- For a wide-screen TV, select "16:9."

DIGITAL AUDIO OUTPUT	
ANALOG DOWNMIX	PCM ONLY DOLBY DIGITAL/PCM
D.RANGE CONTROL	STREAM/PCM
OUTPUT LEVEL	STANDARD

4 Press ▲/▼ to select a desired digital output signal type, then press ENTER.

- press ENTER to finish the setting.) Receiver/decoder bearing Dolby Digital logo and no DTS, select "DOLBY DIGITAL/PCM."
- DTS logos, select "STREAM/PCM." • Receiver/decoder bearing neither Dolby Digital nor

To bring up the DVD PLAYER SETUP display later Press SET UP for a few seconds until the DVD PLAYER SETUP display appears.

When you turn on the player for the first time after purchase, the following message appears on the TV

SETTING YES - PRESS ENTER NO - PRESS CANCEL

5

- Set this item correctly according to the logo on your

Basic Operations

EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO

Before enjoying this player, make the initial settings as

NTER.	
DVD PLAYER SETUP	
MENU LANGUAGE	ENGLISH
AUDIO LANGUAGE	ENGLISH
SUBTITLE	OFF
ON SCREEN LANGUAGE	ENGLISH FRENCH SPANISH

2 Press ▲/▼ to select the on-screen language for

DVD PLAYER SETUP	
MONITOR TYPE	
PICTURE SOURCE	16:9 4:3 LB
SCREEN SAVER	4:3 PS
BACKGROUND	STANDARD

3 Press ▲/▼ to select the monitor type, then press

receiver or decoder (If you do not connect the player to such a device,

Receiver/decoder bearing both Dolby Digital and

DTS logo, or digital recorder, select "PCM ONLY."

Insert a disc 2 Place a disc in the disc tray.



 (\circ) With the label side up

Point toward the remote sensor directly as possible (the operating range is approx. 5 m.)

• Each indicator lights up when corresponding

information is on the main display.

) : Slow-motion playback with the current function/mode is activated, or corresponding

6

About On-screen guide icons : Playback. : Pause.

angle views

>>/ : Fast forward/backward playback with the current speed. At the beginning of a scene containing multi-

): At the beginning of a scene containing multiaudio sounds. : At the beginning of a scene containing multisubtitles

You can change the setting so that the on-screen

guide icons do not appear on the TV screen. (See "ON SCREEN GUIDE" in "Initial settings.")

Turning on and off the player

Buttons To do ▶* Start/resume normal Playback • When RESUME MODE is ON or DISC RESUME, this player memorizes the position on the

disc where you interrupted

• Each time you press II on the

advances to the next frame.

If you press and hold the button

The sound is not muted, and the

he playback position moves back

position (only within the same title).

0 seconds before the current

remote control, the still picture

To resume playback, press ► To stop playback completely press again.

playback.

►►/◄ Fast forward/backward (While paused) low-motion playback • Each time you press the button, the playback speed changes.

during playback, playback is advanced/reversed at 5 times normal speed. VARI-PLAY (For DVD Video) (variable The disc is played back at about playback) 1.2 or 1.5 times (FAST)/0.8 or 0.6 imes (SLOW) normal speed.

►►I/I<- Skip chapter/track

subtitle does not go off (except for (For SVCD/VCD) The disc is played back at about 2 times (FAST)/0.5 times (SLOW) normal speed.

(Only for DVD Video)

the display window

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Changing the display brightness

Press **DIMMER** to change the brightness of

Changing the display window contents

Locating the beginning of a scene

For SVCD/VCD/CD:

If you press TITLE/GROUP before entering the number, you can select the title instead of the chapter Using the disc menu

shown on the TV screen.

* A method of controlling disc play

for SVCD/VCD by using the disc

ENTER or ► (SELECT).

To select 5: press 5

To select 23: press 2, then 3,

1 Press TOP MENU or MENU to show the disc menu. 2 Press ▲/▼/◄/► to select a desired item, then press

· With some discs, you can also select items by entering the

1 While stopped, press TOP MENU or ► (SELECT) to show the menu.

2 Press the numeric buttons to select a desired item.

While stopped, press the numeric buttons instead of ►

To select 40: press 4, then 0, • To move to the next or previous page of the current menu, press ▶▶I or I◄◀. To return to the previous menu, press RETURN.

(SELECT) to start playback. To reactivate PBC

To play back without PBC

• Press TOP MENU or MENU.

Each time you press DISPLAY, the display window contents

You can select a title/chapter/ rack directly and start playback. For DVD Video (While stopped) select title. While playing back) select

elect track select 5: press 5 select 23: press 2, then 3. o select 40: press 4, then 0.

ANGLE SUBTITLE AUDIO ZOOM JVC You can operate a disc—SVCD/ VCD with Playback Control* PBC)—using the disc menu

■ For DVD

number using the numeric buttons. ■ For SVCD/VCD

• Press ■ to stop playback, then ► (SELECT).

Advanced Operations Changing the language, sound

and scene angle Press the button. 2 Press the button repeatedly or ▲/▼ to select the desired item. 3 Press ENTER to finish the Buttons To do

For DVD Video:

For SVCD/VCD:

select the audio

select audio languages

channel SUBTITLE select the subtitle

AUDIO

Each time you press **SOUND EFFECT**, the Sound Effect mode changes. As the value becomes bigger, the Sound Effect works stronger

Zooming the picture

Each time you press **ZOOM**, the

move the zoomed position

You can use ▲/▼/̄
 button to

To return to the normal playback,

select the normal size by pressing

magnification changes.

ZOOM repeatedly.

function allows you to adjust the - SLOW + DISPLAY ON SCREE MENU THUI

preset.

To adjust the picture tone

maintained (LOW/MID/HIGH). **BRIGHTNESS** Adjust this if the picture is bright or dark on the whole (-16 (darkest) to +16 (brightest)). CONTRAST Adjust this if the far and near position is unnatural (-12 to +12).SATURATION Adjust this if the picture is whitish or blackish (-16 (blackest) to +16 (whitest))

overlapped (-2 to +2).

personal preferences 1 Press VFP-I/P.

Preset GAMMA MID

1 2 3 ANGLE select the view-angle. 4 5 6 7 8 9 Changing the Sound Field (O O

OPEN/ CLOSE

1 Select "USER1" or "USER2." 2 Press ▲/▼ to select a parameter, then press ENTER.

Adjust this if the appearance of flesh tone is unnatural (-16 to +16).

3 Press **▲**/**▼** to adjust the parameter, then press ENTER. 4 Repeat step 2 and 3 to adjust other parameters.

Changing the picture tone (VFP)

type of programming, picture tone or

ENTER D NU SET

PREVIOUS SELECT NEXT

GROUP SOUND SFFECT VFP MMER NORMAL | For watching TV in a general room ANGLE SUBTITLE AUDIO ZOON suppressed light

USFR1

USER2

Adjust this if the picture looks separately/

he VFP (Video Fine Processor)

picture character according to the

2 Press
/▶ to select the desired Selected

Y DELAY

CINEMA For watching a movie software in a room with

You can adjust

parameters that affect the

Adjust this if the neutral color is bright or dark. The brightness of dark and bright portion is

SHARPNESS Adjust this if the picture is indistinct (LOW/HIGH).

5 Press VFP-I/P to finish the setting.

To bring up the menu bar

When a disc is inserted, press ON SCREEN twice. A menu bar for the type of disc inserted will appear under the status bar

Ex.: Menu bar for DVD VIDEO



To dismiss the menu bar and the status bar, press ON

Basic operation procedure

1 Press </ > /➤ to select the icon you want to work with. 2 Press ENTER.

- After pressing ENTER:
- (1) When a pull-down menu appears, press ▲/▼ to select the setting you want, then press ENTER. (2) When a number-entry box appears, use the numeric buttons to enter the number you want, then press ENTER.
- (3) When changing TIME setting, press ENTER

repeatedly to select the setting you want. NOTES

• The selected item on the menu bar is shown in green • The available functions differ depending on the player status. Refer to the explanation below to check when you can use a certain function.

Menu bar functions

TIME | selects the time mode shown in the display

window and the status bar. • TOTAL: Elapsed time of current title (DVD) or a disc

(CD/VCD/SVCD) • T.REM: Remaining time of current title (DVD) or a disc (CD/VCD/SVCD)

(Except for DVD: while stopped, disc total

• TIME: Elapsed time of current chapter (DVD) or track (CD/VCD/SVCD) • REM: Remaining time of current chapter (DVD) or

track (CD/VCD/SVCD) (while stopped, current track total time)

selects repeat mode DVD:

During playback In any condition VCD/SVCD: In any condition except PBC playback

 CHAPTER: Current chapter repeat (DVD) Current title repeat (DVD) • TRACK: Current track repeat (CD/VCD/SVCD) • All · All track repeat (CD/VCD/SVCD)

A-B: A-B repeat (During playback). After selecting A-B, press ENTER at the beginning point of repeat, then press ENTER again at the end point.

• OFF: Repeat mode deactivated. Select this to quit repeat mode

● specifies beginning point of a title (DVD) or a

disc (CD/VCD/SVCD) by the time. In any condition In any condition except program or

random playback VCD/SVCD: In any condition except PBC or program or random playback

CHAP. → specifies a chapter to play back from

selects the audio language (DVD), sound track (DVD), or audio channel (VCD/SVCD) during playback.

selects the subtitle language (DVD) or subtitle (SVCD) during playback.

selects a desired scene angle in a multiangle part (DVD only).

PROG. specifies the playback order of tracks while stopped (unavailable for DVD). You can program up to

1. After selecting PROG. icon, press the numeric buttons to specify tracks in the desired order.

the track to be corrected, then press CANCEL. The track is erased and the subsequent programmed tracks move up.

Pressing ■ clears all the programmed tracks. Press ►(SELECT) to start program playback.

- During program playback, you cannot edit the program contents.
- To exit the program mode, press ON SCREEN after clearing the program.

RND. activates random playback while stopped (unavailable for DVD).

After selecting RND. icon, press ENTER.

The player starts random playback.

You can play back MP3/WMA/JPEG files on a CD/CD-R/RW The player supports discs recorded with up to five multiple sessions.

Random playback

Program playback

5. Press ►(SELECT).

To zoom in a picture

ENTER.

Press ZOOM

file (x1.5/x2).

press ENTER.

Control display.

pressing I◀◀/▶▶I.

To select slide show effect

appears on the TV screen

MV Maldives

bar to playback mode

then press ►(SELECT).

bar to playback mode.

While stopped, press ▲/▼/◄/► to move the cursor

. While stopped, press ▲/▼/◄/► to move the cursor

3. Press ▲/▼/◄/► to select the desired file, then press

4. Repeat step 3 until all the desired files are selected.

To erase the last programmed file, press ■ to

move the cursor bar to the programmed files

Each time you press ZOOM, you can magnify a JPEG

This function is not available for some JPEG files

depending on their resolution size and JPEG format.

To select a JPEG files from the thumbnail list

2. Press ▲/▼/◄/► to select the desired picture, then

You can change the page of thumbnail list by

Press ►(SELECT) while a JPEG file is selected on the

Press and hold ANGLE-SLIDE EFFECT until

selection (RAND), and no effect (NONE).

[SLIDE EFFECT MODE:] and the current mode

By pressing and holding the button repeatedly, you

can select the effect from 11 effects, random effect

The effect is not applied to progressive JPEG files.

SO Somalia

Press and hold THUMBNAIL/LIST while a JPEG file

2. Press ENTER repeatedly to select PROGRAM.

column, then press CANCEL.

Various JPEG files playback

To rotate/reflect a still picture

While a still picture is played back:

is selected on the Control display.

Slide show playback of JPEG files

Pressing
 I/> rotates the picture by 90°.

Pressing ▲ reflects the picture vertically.

Pressing ▼ reflects the picture horizontally.

Press ENTER repeatedly to select RANDOM.

Precautions

- Use "ISO 9660" as the disc format. The player does not support "packet writing (UDF files)" discs.
- 3. Press ► to move the cursor bar to the file column, The player may be unable to play back a disc due to
- the characteristics or recording conditions. • The player recognizes up to the fifth layer of groups,
- 999 files per group (including unplayable files), and up to 250 groups per disc. Add the appropriate extension (".mp3", ".jpg", and
- ".wma") to the file name. MP3i and MP3 Pro are not available

Audio/Video files playback

 The player supports WMA files recorded with a bit rate of 48 kbps or higher. The player cannot play back a picture of more than 5120 x 3413 pixels (baseline JPEG) or 2048 x 1536

pixels (progressive JPEG). Selecting a specific file or group

You can select files or folders (groups) using the Control display on the TV screen

Control display

DISC CONTROL Select these sections to show the upper layer PICT02.jpg PICT03.jpg MUSIC01.mp3 MUSIC02.mp3 Current file Group column File column Current group Current playback mode

Press ▲/▼/◄/► to move the cursor bar to a desired file, then press ►(SELECT).

 When you press ENTER, only the selected file is played back (except for MP3 files).

Various playback mode

• To play back a disc continuously, select NORMAL. Repeat playback

- 1. While stopped, press ▲/▼/◄/▶ to move the cursor bar to playback mode. 2. Press ENTER repeatedly to select the desired repeat
- REPEAT 1: Repeats the current file. • REPEAT GROUP: Repeats all files in the current
- REPEAT ALL: Repeats all files on the disc.
- 3. Press ► to move the cursor bar to the file column, then press ►(SELECT).

Initial settings

You can change the settings of this player according to your preferences and playing environment.

How to set the Initial settings

1 Press SET UP.

Press SET UP

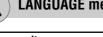
- 2 Press
 /▶ to select the menu.
- 3 Press ▲/▼ to move to select the item 4 Press ENTER.
- 5 Press ▲/▼ to select the options, then press

To dismiss a preference display

LANGUAGE menu

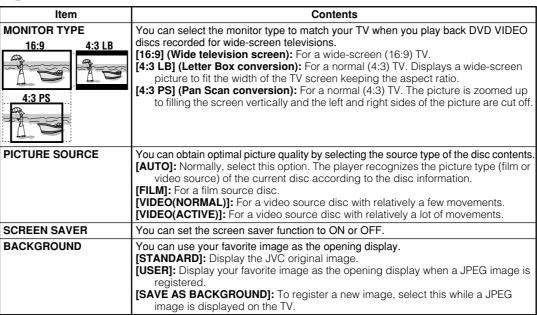
• Some items in the menus cannot be changed during playback.

- During MP3 files playback, you cannot show the menus.
- If the upper and lower parts of the menu are cut off, adjust the picture size control of the TV.
- For settings of the LANGUAGE menu or the PARENTAL LOCK menu, see also "Language codes"
- Depending on the disc, the settings may not apply



Contents **MENU LANGUAGE** You can select the default menu language of DVD VIDEO. **AUDIO LANGUAGE** You can select the default audio language of DVD VIDEO. **SUBTITLE** You can select the default subtitle language of DVD VIDEO. ON SCREEN LANGUAGE You can select "ENGLISH," "FRENCH," or "SPANISH" as the on-screen language.

PICTURE menu



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AUDIO menu

Contents DIGITAL AUDIO OUTPUT | Set this item correctly according to the logo on your receiver or decoder [PCM ONLY]: Receiver/decoder bearing neither Dolby Digital nor DTS logo, or [DOLBY DIGITAL/PCM]: Receiver/decoder bearing Dolby Digital logo and no DTS. [STREAM/PCM]: Receiver/decoder bearing both Dolby Digital and DTS logos. ANALOG DOWNMIX Set this item properly according to your analog audio connection to play the sound of the surround multichannel audio on a DVD VIDEO. [DOLBY SURROUND]: Select this when connecting to a surround decoder. STEREO1: Select this when connecting to a stereo amplifier or TV, or in case you want to record from a DVD VIDEO to a MiniDisc, cassette, etc. D.RANGE CONTROL Set this item to listen to DVD VIDEO recorded in Dolby Digital format at low or middle [WIDE RANGE]: You can enjoy powerful playback sound. [NORMAL]: Normally, select this. [TV MODE]: Select this if the sound level of DVD VIDEO is lower than the one of TV program to make the sound at a lower volume clear. **OUTPUT LEVEL** Set this item to attenuate the level of the signal output from the analog AUDIO OUT



RESUME	You can select the resume playback mode. [ON]: The player resumes playback from the position where playback has been stopped if the disc is still in the disc tray. [OFF]: This function is deactivated. [DISC RESUME]: The player resumes playback of the last 10 discs played. The player retains a memory of the stopped position of each disc even if the disc is removed from the disc tray.
ON SCREEN GUIDE	Activate or deactivate the on-screen guide.
AUTO STANDBY	Set the time until the player turns off (into standby) automatically if playback is stopped for more than 30 minutes or 60 minutes.
AV COMPULINK MODE	Set this item correctly when using the AV COMPU LINK system. See "Using the AV COMPU LINK system" in "Connections."
PARENTAL LOCK PARENTAL LOCK COUNTRY CODE SET LEVEL NOME PASSWORD EXT EXT EXT EXT EXT EXT EXT EX	Select this item, then press ENTER to show the PARENTAL LOCK menu for limiting playback by children. Scenes which are limited by this function are not played or replaced with other scenes. [COUNTRY CODE]: Select the code of your country/area. [SET LEVEL]: Select the level of restriction. ("1" is the strictest.) [PASSWORD]: Enter your 4-digit password by pressing the numeric buttons (0 to 9). [EXIT]: Select this and press ENTER to go back to the OTHERS menu. Notes: • Some DVD VIDEO cannot be played by this function. If you try to play such a disc, the PARENTAL LOCK menu appears on the TV and asks whether you want to release the lock or not. To release the lock and play, select "TEMPORARY RELEASE," press ENTER, then enter your password. Otherwise, eject the disc. • To change the setting of the limitation, you need to enter your password. • If you forget your password, enter "8888."
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Contents

Troubleshooting

Power does not come on.

→ Power plug is not inserted securely. Plug in securely.

Operation

"REGION CODE ERROR!" is shown on the TV → Region code of the inserted disc does not match the player. Check the region code of the disc printed on the disc jacket.

Operation is not possible.

- → Microcomputer malfunction due to lightning or static electricity. Turn off the power and unplug the power cord, then connect the power cord again. → Moisture condensation caused by a sudden change
- of temperature or humidity. Turn off the power, then turn it on a few hours later. → The disc does not allow the operation, or an
- unplayable disc is inserted. Check and replace the

[LOCK] is displayed on the display window and the disc tray does not open.

→ When you press ▲ while pressing down ■ on the player in standby mode, the tray lock function is activated. The disc tray cannot be opened or closed pressing down ■ on the player in standby mode.

Picture

Picture is noisy.

→ The player is connected to a VCR directly and the copyguard function is activated. Connect the player so that the picture signal flows directly to the TV. With some discs, the picture may be blurred when [PICTURE SOURCE] is set to [FILM] or [AUTO]. Set [PICTURE SOURCE] to [VIDEO (NORMAL)] or [VIDEO (ACTIVE)].

Picture is distorted when using

component (Y, PB, PR) or S-VIDEO jack(s). → Both the component connection and S-video connection are made. Disconnect the unused one

No picture is displayed on the TV screen or the screen is blurred or divided into two parts.

→ The player is in the progressive scanning mode though it is connected to a TV via the VIDEO or S-VIDEO jack, Observe the display window, If [P] is turned on, the player is in the progressive scanning

Make the Progressive scanning mode inactive by using the VFP - I/P button.

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Audio

DVD VIDEO disc playback sound level is lower than TV broadcast sound level.

Analog audio output is distorted.

No sound and/or no picture comes out.

writing (UDF file)." It cannot be played

So, the playback order can vary.

→ The file is copy protected

→ The file is recorded with a bit rate under 48 kbps. The player does not support such WMA files.

→ Set the [OUTPUT LEVEL] preference to [LOW].

MP3/WMA/JPEG

Check the files you want to play back.

→ Set the [D.RANGE CONTROL] preference to [TV

→ This player plays the files in the alphabetic order.

AD Andorra CY Cyprus IIL Israel

→ MP3/WMA/JPEG disc is recorded with the "packet

Files (tracks) are not played in the recorded

WMA files cannot be played back.

Country/Area code list for Parental Lock

AE	United Arab Emirates	CZ	Czech Republic	IN	India	MW	Malawi	SR	Suriname
AF	Afghanistan	DE	Germany	Ю	British Indian Ocean	MX	Mexico	ST	Sao Tome and
AG	Antigua and Barbuda	DJ	Djibouti		Territory	MY	Malaysia		Principe
ΑI	Anguilla	DK	Denmark	IQ	Iraq	MZ	Mozambique	SV	El Salvador
AL	Albania	DM	Dominica	IR	Iran (Islamic Republic of)	NA	Namibia	SY	Syrian Arab Republic
AM	Armenia	DO	Dominican Republic	IS	Iceland	NC	New Caledonia	SZ	Swaziland
AN	Netherlands Antilles	DZ	Algeria	IT	Italy	NE	Niger	TC	Turks and Caicos
40	Angola	EC	Ecuador	JM	Jamaica	NF	Norfolk Island	L_	Islands
AQ	Antarctica	EE	Estonia	JO	Jordan	NG	Nigeria	TD	Chad
AR	Argentina	EG	Egypt	JP	Japan	NI	Nicaragua	TF	French Southern
AS	American Samoa	EH	Western Sahara	KE	Kenya	NL	Netherlands	TG	Territories
AT	Austria	ER	Eritrea	KG	Kyrgyzstan	NO	Norway	TH	Togo Thailand
۱U	Australia	ES	Spain	KH	Cambodia	NP	Nepal	TJ	
	Aruba	ET	Ethiopia	KI	Kiribati	NR	Nauru		Tajikistan
-	Azerbaijan	FI	Finland	KM	Comoros	NU	Niue	TK	Tokelau
	Bosnia and Herzegovina	FJ	Fiji	KN	Saint Kitts and Nevis	NZ	New Zealand	TM	Turkmenistan
	Barbados	FK	Falkland Islands	KP	Korea, Democratic	OM	Oman	TN	Tunisia
	Bangladesh	FM	Micronesia (Federated		People's Republic of	PA	Panama	TO	Tonga
-	Belgium		States of)	KR	Korea, Republic of	PE	Peru	TP	East Timor
3F	Burkina Faso	FO	Faroe Islands	KW	Kuwait	PF	French Polynesia	TR	Turkey
-	Bulgaria	FR	France	KY	Cayman Islands	PG	Papua New Guinea	TT	Trinidad and Tobago
	Bahrain	FX	France, Metropolitan	KZ	Kazakhstan	PH	Philippines	TV	Tuvalu
	Burundi	GA	Gabon	LA	Lao People's	PK	Pakistan	TW	Taiwan
-	Benin	GB	United Kingdom		Democratic Republic	PL	Poland	TZ	Tanzania, United
	Bermuda	GD	Grenada	LB	Lebanon	PM	Saint Pierre and	_	Republic of
-		GE	Georgia	LC	Saint Lucia	PM	Miquelon	UA	Ukraine
	Brunei Darussalam	GF	French Guiana	LI	Liechtenstein	PN	Pitcairn	UG	Uganda
_	Bolivia	GH	Ghana	LK	Sri Lanka	PR	Puerto Rico	UM	United States Minor
	Brazil	GI	Gibraltar	LR	Liberia	PT	Portugal	-	Outlying Islands
	Bahamas	GL	Greenland	LS	Lesotho	PW	Palau	US	United States
	Bhutan	GM	Gambia	LT	Lithuania	PY	Paraguay	UY	Uruguay
	Bouvet Island	GN	Guinea	LU	Luxembourg	QA	Qatar	UZ	Uzbekistan
	Botswana	GP	Guadeloupe	LV	Latvia	RE	Réunion	VA	Vatican City State (Holy See)
	Belarus	GQ		LY	Libyan Arab Jamahiriya	RO		VC	Saint Vincent and the
-	Belize	GR	Equatorial Guinea Greece	MA	Morocco	RU	Romania Russian Federation	VC	Grenadines
$\overline{}$	Canada	GS		MC	Monaco	RW	Russian Federation Rwanda	VE	Venezuela
	Cocos (Keeling) Islands	us	South Georgia and the South Sandwich	MD	Moldova, Republic of			VG	Virgin Islands (British)
CF	Central African Republic	GT	Guatemala	MG	Madagascar	SA	Saudi Arabia	VI	Virgin Islands (U.S.)
	Congo	GU	Guaterriaia	MH	Marshall Islands	SB	Solomon Islands	VN	Vietnam
H	Switzerland	GW	Guinea-Bissau	ML	Mali	SC	Seychelles	VU	Vanuatu
)	Côte d'Ivoire	GY	Guirlea-bissau Guyana	MM	Myanmar	SD	Sudan	WF	Wallis and Futuna
	Cook Islands	HK	Hong Kong	MN	Mongolia	SE	Sweden	I VVI	Islands
$\overline{}$	Chile	HM	Heard Island and	MO	Macau	SG	Singapore	ws	
	Cameroon	IVIE	McDonald Islands	MP	Northern Mariana	SH	Saint Helena	YE	Yemen
$\overline{}$	China	HN	Honduras	'*''	Islands	SI	Slovenia	YT	Mayotte
00	Colombia	HR	Croatia	MQ	Martinique	SJ	Svalbard and Jan Mayen	YU	Yugoslavia
CR	Costa Rica	HT	Haiti	MR	Mauritania	SK	Slovakia	ZA	South Africa
CU	Cuba	HU		MS	Montserrat	SL	Sierra Leone	ZM	Zambia
CV	Cape Verde	ID	Hungary Indonesia	MT	Malta	SM	San Marino	ZR	Zambia
	Christmas Island	IE .		MU	Mauritius	SN	Senegal		
		ĮΕ	Ireland	INIO	IVICUITIUS			ZW	Zimbabwe

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В	Abkhazian	CO	Corsican	GN	Guarani	KL	Greenlandic	MN	Mongolian		Pushto	SM	Samoan		N	Setswana
ŀΕ	Afrikaans	CS	Czech	GU	Gujarati	KM	Cambodian	MO	Moldavian	PT	Portuguese	SN	Shona	□ [T	0	Tongan
М	Ameharic	CY	Welsh	HA	Hausa	KN	Kannada	MR	Marathi	QU	Quechua	SO	Somali		R	Turkish
R	Arabic	DA	Danish	HI	Hindi	KO	Korean (KOR)	MS	Malay (MAY)	RM	Rhaeto-	SQ	Albanian	□ T:	S	Tsonga
S	Assamese	DZ	Bhutani	HR	Croatian	KS	Kashmiri	MT	Maltese	DNI	Romance	SR	Serbian		Г	Tatar
Υ	Aymara	EL	Greek	HU	Hungarian	KU	Kurdish	MY	Burmese	RN	Kirundi	SS	Siswati	$\neg $	W	Twi
Z	Azerbaijani	EO	Esperanto	HY	Armenian	KY	Kirghiz	NA	Nauru	RO	Rumanian	ST	Sesotho	٦lu	K	Ukrainian
Α	Bashkir	ET	Estonian	IA	Interlingua	LA	Latin	NE	Nepali	RU	Russian	SU	Sundanese	: U	R	Urdu
Ε	Byelorussian	EU	Basque	IE	Interlingue	LN	Lingala	NL	Dutch	RW	Kinyarwanda	SV	Swedish	٦lu	Z	Uzbek
G	Bulgarian	FA	Persian	IK	Inupiak	LO	Laothian	NO	Norwegian	SA	Sanskrit	SW	Swahili	□ V		Vietnamese
Н	Bihari	FI	Finnish	IN	Indonesian	LT	Lithuanian	ОС	Occitan	SD	Sindhi	TA	Tamil	V	0	Volapuk
il .	Bislama	FJ	Fiji	IS	Icelandic	LV	Latvian,	ОМ	(Afan) Oromo	SG	Sangho	TE	Telugu	- N	0	Wolof
N	Bengali,Ban-	FO	Faroese	IW	Hebrew	<u> </u>	Lettish	OR	Oriya	SH	Serbo- Croatian	TG	Tajik	T X	Н	Xhosa
	gla	FY	Frisian	JI	Yiddish	MG	Malagasy	PA	Panjabi	SI	Singhalese	TH	Thai	T Y	0	Yoruba
Ю	Tibetan	GA	Irish	JW	Javanese	MI	Maori	PL	Polish	SK	Slovak	TI	Tigrinya	Z	J	Zulu
R	Breton	GD	Scots Gaelic	KA	Georgian	MK	Macedonian			UN.	JIUVAN	TK	Turkmen	75		

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Please refer to qualified service personnel for repairs.

BT-51005-9

Video format: NTSC, 480i/480p selectable

Specifications Specifications and appearance are subject to change without prior notice.

General

Other

Readable discs: DVD VIDEO, DVD-R (Video format), DVD-RW (Video format), SVCD, Video CD, Audio CD (CD-DA), CD-R/RW (CD-DA, SVCD, Video CD, MP3/WMA format, JPEG)

Power requirements: AC 120 V ∼, 60 Hz Power consumption: 11.0 W (POWER ON), 1.0 W (STANDBY mode)

Dimensions (W x H x D): 435 mm x 44 mm x 203.5 mm (17-3/16 inch x 1-3/4 inch x 8-1/16 inch)

Video outputs

PB/PR Output: 0.7 Vp-p (75 Ω) VIDEO (pin iack): 1.0 Vp-p (75 Ω) S-VIDEO (S jack) Y Output: 1.0 Vp-p (75 Ω)

Audio outputs ANALOG OUT (pin jack): 2.0 Vrms (10 k Ω) **DIGITAL OUT (COAXIAL):** 0.5 Vp-p (75 Ω termination)

Audio characteristics Frequency response CD (sampling frequency 44.1 kHz): 2 Hz to 20 kHz

DVD (sampling frequency 48 kHz): 2 Hz to 22 kHz(4 Hz to 20 kHz for DTS and Dolby Digital bitstream signals) DVD (sampling frequency 96 kHz): 2 Hz to 44 kHz Wow and flutter: Unmeasurable (less than ± 0.002%)

Total harmonic distortion: less than 0.009%

Component (pin jacks)
Y Output: 1.0 Vp-p (75 Ω)

C Output: 286 mVp-p (75 Ω) Horizontal resolution: 500 lines or more

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terminals. If the sound from the speaker is distorted, select [LOW].

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