INSTRUCTIONS VIDEO DIGITAL OUT DIGITAL OUT SUPERVIDEO

AV COMPU LINK

©2005 Victor Company of Japan, Limited

0105MOC-MW-SC

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

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.

GNT0060-001A[US]



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 can play back discs recorded with PAL system. (PAL video 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

For Canada

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 ELECTRIC SHOCK

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

The exclamation point within an equilateral

triangle is intended to alert the user to the

presence of important operating and

CAUTION

DO NOT REMOVE COVER (OR BACK

NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEI

electric shock to persons.

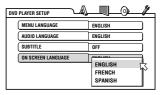
When you turn on the player for the first time after purchase, the following message appears on the TV After all other connections have been made, insert the

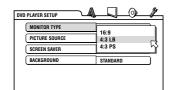
SETTING

YES - PRESS ENTER NO - PRESS CANCEL

Before enjoying this player, make the initial settings as follows:

1 Press ENTER





- "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

Set this item correctly according to the logo on your receiver or decoder

(If you do not connect the player to such a device, press ENTER to finish the setting.)

- no DTS, select "DOLBY DIGITAL/PCM."
- Receiver/decoder bearing both Dolby Digital and

To bring up the DVD PLAYER SETUP display later SETUP display appears.

5

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.

Turning on and off the player

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 wrong, unplug the power cord and consult your dealer
- hairpins coins etc into the player Do not block the vents. Blocking the vents may.

Do not insert any metallic objects, such as wires.

- 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.

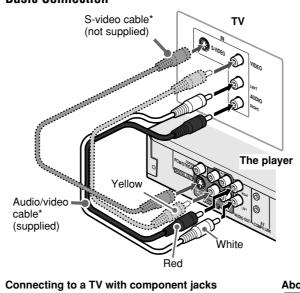
Connections

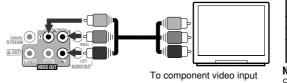
Before making connections:

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.

- If your TV has a monaural audio input instead of stereo, use an optional audio cable which converts stereo audio output to monaural.
- 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. you can select the progressive scanning
- 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 with the player.

About the scanning mode indicator

[PICTURE SOURCE] of	Source type of DVD VIDEO							
the PICTURE menu	Film source	Video source						
AUTO	[DDP]	[P]						
FILM	[DDP]	[DDP]						
VIDEO(NORMAL)/ (ACTIVE)	[P]	[P]						
INTE								

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

• 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.")

To analog

audio input

To analog audio input

Using the AV COMPU LINK system

Connecting to a digital audio device

To digital audio input

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.

Connecting to a stereo audio amplifier (receiver) EX. 1

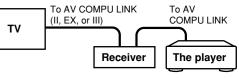
To AV COMPU LINK (II, EX, or III) T۷

the television: **DVD3** To AV COMPU LINK (II, EX, or III)

• Set the VCR's Remote Control Code and the player's AV COMPU LINK setting as follows:

The player's AV COMPU LINK setting: DVD2 VCR's Remote Control Code: **B**

The player's AV COMPU LINK setting: DVD3



LINK in a system including a Dolby Digital decoder, some functions may not be performed automatically

audio input jacks of a receiver indicating "DVD." Otherwise, the system will not work correctly.

The following actions are performed automatically:

• Setting the source of the television to the external

which has started playback.

Turning on the power

AC power plug to the wall outlet firmly.

Inserting the AC power plug

Installing the batteries in the remote control Open the compartment cover, and place the two supplied R6(SUM-3)/AA(15F) batteries in the remote

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

inside the compartment. Then replace the cover.



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

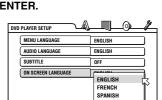
Turning on and off the player

Press U/ISTANDBY/ON.

different types, when placing them.

Initial setup

EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO



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

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

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

- For a normal (conventional) TV, select "4:3 LB" or

VD PLAYER SETUP	
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.

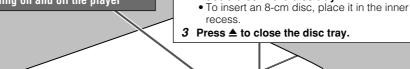
- Receiver/decoder bearing Dolby Digital logo and
- DTS logos, select "STREAM/PCM." • Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder, select "PCM ONLY."

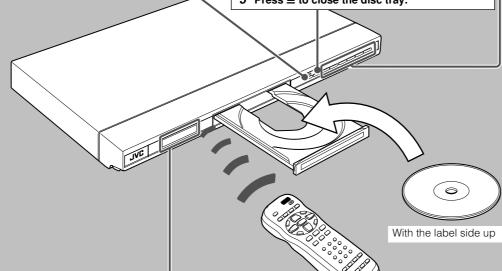
Press SET UP for a few seconds until the DVD PLAYER

Basic Operations

2 Place a disc in the disc tray.

Insert a disc





• Each indicator lights up when corresponding

function/mode is activated, or corresponding

information is on the main display.

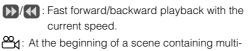
About On-screen guide icons : Playback.

angle views

: Pause. Slow-motion playback with the current

(the operating range is approx. 5 m.)

Point toward the remote sensor directly as possible



): At the beginning of a scene containing multi-

audio 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

remote control, the still picture

advances to the next frame.

If you press and hold the button

To resume playback, press ► To stop playback completely press again. • Each time you press II on the

playback.

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

►►I/I<- Skip chapter/track

during playback, playback is advanced/reversed at 5 times normal speed. VARI-PLAY (For DVD Video) (variable The disc is played back at about

imes (SLOW) normal speed. The sound is not muted, and the subtitle does not go off (except for (For SVCD/VCD) The disc is played back at about 2

times (FAST)/0.5 times (SLOW)

playback) 1.2 or 1.5 times (FAST)/0.8 or 0.6

(Only for DVD Video) he playback position moves back 0 seconds before the current position (only within the same title).

normal speed.

Changing the display brightness Press **DIMMER** to change the brightness of

the display window.

Changing the display window contents Each time you press DISPLAY, the display window contents

Locating the beginning of a scene You can select a title/chapter/ rack directly and start playback. For DVD Video

(While stopped) select title.

While playing back) select

For SVCD/VCD/CD: elect track select 5: press 5 select 23: press 2, then 3.

o select 40: press 4, then 0. If you press TITLE/GROUP

before entering the number, you

can select the title instead of the

chapter Using the disc menu You can operate a disc—SVCD/ VCD with Playback Control* PBC)—using the disc menu

shown on the TV screen.

* A method of controlling disc play

for SVCD/VCD by using the disc

■ For DVD

OPEN/ CLOSE

- SLOW + DISPLAY ON SCREI

VĚŇU A

● (ENTER)

—

1 2 3

4 5 6

7 8 9

GROUP EFFECT VFP DIMMER

ANGLE SUBTITLE AUDIO ZOOM

JVC

 $\overline{\otimes}$ \bigcirc

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

■ For SVCD/VCD 1 While stopped, press TOP MENU or ► (SELECT) to show the menu.

2 Press the numeric buttons to select a desired item.

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.

While stopped, press the numeric buttons instead of ► (SELECT) to start playback. To reactivate PBC

To select 23: press 2, then 3,

To select 5: press 5

To play back without PBC

number using the numeric buttons.

• Press TOP MENU or MENU. • 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.

Buttons To do AUDIO For DVD Video: select audio languages For SVCD/VCD: select the audio channel

3 Press ENTER to finish the

ANGLE select the view-angle. Changing the Sound Field Each time you press **SOUND**

EFFECT, the Sound Effect mode

Sound Effect works stronger

As the value becomes bigger, the

changes.

SUBTITLE select the subtitle

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.

7 8 9

(O O

1 Select "USER1" or "USER2."

To adjust the picture tone

2 Press ▲/▼ to select a parameter, then press ENTER. maintained (LOW/MID/HIGH).

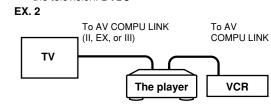
whole (-16 (darkest) to +16 (brightest)). CONTRAST Adjust this if the far and near position is unnatural (-12 to +12).SATURATION Adjust this if the picture is whitish or blackish (-16 (blackest) to +16 (whitest)) Adjust this if the appearance of flesh tone is unnatural (-16 to +16).

3 Press **▲**/**▼** to adjust the parameter, then press ENTER.

4 Repeat step 2 and 3 to adjust other parameters. 5 Press VFP-I/P to finish the setting.

The player • Set the player's AV COMPU LINK setting as follows:

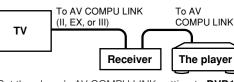
To enjoy high-quality surround sound, connect the When connecting to the VIDEO-1 input terminal of DIGITAL OUT (COAXIAL) jack to a Dolby Digital or DTS the television: **DVD2** When connecting to the VIDEO-2 input terminal of decoder or an amplifier with a built-in decoder EX. 2



When connecting to the VIDEO-1 input terminal of

the television:

VCR's Remote Control Code: A



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.

input (VIDEO-1 or VIDEO-2). • Setting the source of the receiver to the component

OPEN/ CLOSE

MENU THUI



- SLOW + DISPLAY ON SCREE personal preferences

ENTER D preset.

GAMMA MID

1 2 3 4 5 6

> NORMAL | For watching TV in a general room suppressed light USFR1 You can adjust

store the settings as a user

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

Adjust this if the picture looks separately/ overlapped (-2 to +2).

When connecting to the VIDEO-2 input terminal of the television:

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

• Connect the AUDIO OUT jacks of the player to the

• Turning on the television and/or receiver.

Changing the picture tone (VFP)

he VFP (Video Fine Processor) function allows you to adjust the picture character according to the type of programming, picture tone or

Selected

Preset

parameters that affect the

1 Press VFP-I/P. 2 Press
/▶ to select the desired

NU SET PREVIOUS SELECT NEXT

Y DELAY

GROUP SOUND SFFECT VFP MMER ANGLE SUBTITLE AUDIO ZOON **CINEMA** For watching a movie software in a room with

preset. See below.

USER2

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

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.

• 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 track repeat (CD/VCD/SVCD)

• All · 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.

Audio/Video files 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

Press ZOOM

file (x1.5/x2).

press ENTER.

Control display.

pressing I◀◀/▶▶I.

To select slide show effect

appears on the TV screen

bar to playback mode

then press ►(SELECT).

bar to playback mode.

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

Press ENTER repeatedly to select RANDOM.

3. Press ► to move the cursor bar to the file column,

. 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.

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.

Precautions

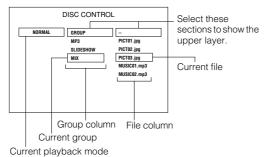
- Use "ISO 9660" as the disc format. • The player does not support "packet writing (UDF
- files)" discs. The player may be unable to play back a disc due to
- the characteristics or recording conditions. • The player recognizes up to the fifth layer of groups,
- 999 files per group (including unplayable 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
- 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

Selecting a specific file or group

pixels (progressive JPEG).

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

Control display



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

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

• During MP3 files playback, you cannot show the

• If the upper and lower parts of the menu are cut off,

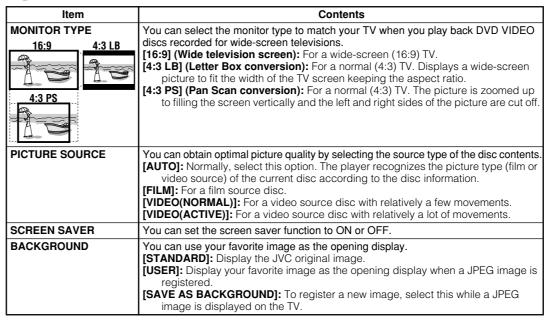
adjust the picture size control of the TV. • For settings of the LANGUAGE menu or the PARENTAL LOCK menu, see also "Language codes"

• Depending on the disc, the settings may not apply

LANGUAGE menu

Item	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

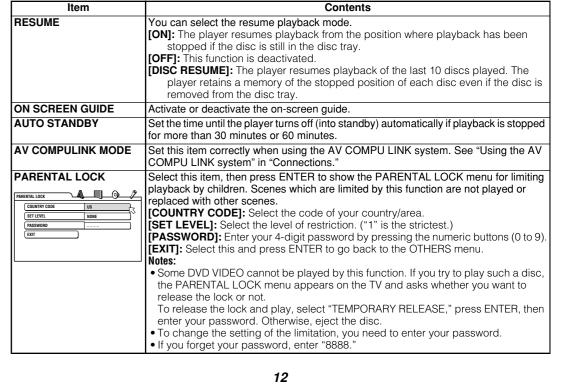


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AUDIO menu

Item	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 digital recorder.
	[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. [STEREO]: 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 volume. [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 terminals. If the sound from the speaker is distorted, select [LOW].

OTHERS menu



Troubleshooting

Operation

Power does not come on.

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

"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 in this status. To release this status, press ≜ while 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

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

Analog audio output is distorted.

MP3/WMA/JPEG

→ This player plays the files in the alphabetic order. 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.

than TV broadcast sound level.

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

No sound and/or no picture comes out.

→ MP3/WMA/JPEG disc is recorded with the "packet writing (UDF file)." It cannot be played Check the files you want to play back.

Files (tracks) are not played in the recorded

WMA files cannot be played back.

Country/Area code list for Parental Lock

AD Andorra

AE United Arab Emirates CZ Czech Republic III Israel

ΑL	United Arab Emirates	UZ	Czech Republic	IIIN	india	INIVV	Maiawi	SH	Suriname
AF	Afghanistan	DE	Germany	IO	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
AO	Angola	EC	Ecuador	JM	Jamaica	NF	Norfolk Island		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	-	Territories
AT	Austria	ER	Eritrea	KG	Kyrgyzstan	NO	Norway	TG	Togo
AU	Australia	ES	Spain	KH	Cambodia	NP	Nepal	TH	Thailand
AW	Aruba	ET	Ethiopia	KI	Kiribati	NR	Nauru	TJ	Tajikistan
AZ	Azerbaijan	FI	Finland	КМ	Comoros	NU	Niue	TK	Tokelau
BA	Bosnia and Herzegovina	FJ	Fiii	KN	Saint Kitts and Nevis	NZ	New Zealand	TM	Turkmenistan
BB	Barbados	FK	Falkland Islands	KP	Korea, Democratic	OM	Oman	TN	Tunisia
BD		FM		``	People's Republic of	PA		TO	Tonga
	Bangladesh	FM	Micronesia (Federated States of)	KR	Korea, Republic of	PE	Panama	TP	East Timor
BE	Belgium	FO	Faroe Islands	KW	Kuwait		Peru	TR	Turkey
BF	Burkina Faso	FR	France	KY	Cayman Islands	PF	French Polynesia	TT	Trinidad and Tobago
BG	Bulgaria	FX	France, Metropolitan	KZ	Kazakhstan	PG	Papua New Guinea	TV	Tuvalu
BH	Bahrain	GA		LA	Lao People's	PH	Philippines	TW	Taiwan
BI	Burundi		Gabon	-^	Democratic Republic	PK	Pakistan	TZ	Tanzania, United
BJ	Benin	GB	United Kingdom	LB	Lebanon	PL	Poland		Republic of
BM	Bermuda	GD	Grenada	LC	Saint Lucia	PM	Saint Pierre and	UA	Ukraine
BN	Brunei Darussalam	GE	Georgia	LI	Liechtenstein	<u> </u>	Miquelon	UG	Uganda
ВО	Bolivia	GF	French Guiana	LK	Sri Lanka	PN	Pitcairn	UM	United States Minor
BR	Brazil	GH	Ghana	LR	Liberia	PR	Puerto Rico		Outlying Islands
BS	Bahamas	GI	Gibraltar	LS	Lesotho	PT	Portugal	US	United States
BT	Bhutan	GL	Greenland	LT	Lithuania	PW	Palau	UY	Uruguay
BV	Bouvet Island	GM	Gambia	LU	Luxembourg	PY	Paraguay	UZ	Uzbekistan
BW	Botswana	GN	Guinea	LV	Latvia	QA	Qatar	VA	Vatican City State
BY	Belarus	GP	Guadeloupe	LY		RE	Réunion		(Holy See)
BZ	Belize	GQ	Equatorial Guinea	MA	Libyan Arab Jamahiriya	RO	Romania	VC	Saint Vincent and the
CA	Canada	GR	Greece		Morocco	RU	Russian Federation		Grenadines
CC	Cocos (Keeling) Islands	GS	South Georgia and the South Sandwich	MC	Monaco	RW	Rwanda	VE	Venezuela
CF	Central African Republic		South Sandwich	MD	Moldova, Republic of	SA	Saudi Arabia	VG	Virgin Islands (British
CG	Congo	GT	Guatemala	MG	Madagascar	SB	Solomon Islands	VI	Virgin Islands (U.S.)
CH	Switzerland	GU	Guam	MH	Marshall Islands	SC	Seychelles	VN	Vietnam
CI	Côte d'Ivoire	GW	Guinea-Bissau	ML	Mali	SD	Sudan	VU	Vanuatu
CK	Cook Islands	GY	Guyana	MM	Myanmar	SE	Sweden	WF	Wallis and Futuna
		HK	Hong Kong	MN	Mongolia	SG	Singapore		Islands
CL	Chile	НМ	Heard Island and	MO	Macau	SH	Saint Helena	WS	Samoa
CM	Cameroon		McDonald Islands	MP	Northern Mariana	SI	Slovenia	YE	Yemen
CN	China	HN	Honduras		Islands	SJ		ΥT	Mayotte
CO	Colombia	HR	Croatia	MQ	Martinique		Svalbard and Jan Mayen	YU	Yugoslavia
CR	Costa Rica	HT	Haiti	MR	Mauritania	SK	Slovakia	ZA	South Africa
CU	Cuba	HU	Hungary	MS	Montserrat	SL	Sierra Leone	ZM	Zambia
CV	Cape Verde	ID	Indonesia	MT	Malta	SM	San Marino	ZR	Zaire
CX	Christmas Island	IE.	Ireland	MU	Mauritius	SN	Senegal	ZW	Zimbabwe

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IE Ireland							MU Mauritius					ZW Zimbabwe			
Language codes list for the LANGUAGE menu															
Α	Afar	CA	Catalan	GL	Galician	KK	Kazakh	ML	Malayalam	PS	Pashto,	SL	Slovenian	TL	Tagalog
В	Abkhazian	CO	Corsican	GN	Guarani	KL	Greenlandic	MN	Mongolian		Pushto	SM	Samoan	TN	Setswana
١F	Afrikaans	CS	Czech	GU	Gujarati	KM	Cambodian	МО	Moldavian	PT	Portuguese	SN	Shona	TO	Tongan
М	Ameharic	CY	Welsh	HA	Hausa	KN	Kannada	MR	Marathi	QU	Quechua	SO	Somali	TR	Turkish
ιR	Arabic	DA	Danish	HI	Hindi	KO	Korean (KOR)	MS	Malay (MAY)	RM	Rhaeto-	SQ	Albanian	TS	Tsonga
S	Assamese	DZ	Bhutani	HR	Croatian	KS	Kashmiri	MT	Maltese	RN	Romance Kirundi	SR	Serbian	TT	Tatar
·Υ	Aymara	EL	Greek	HU	Hungarian	KU	Kurdish	MY	Burmese	RO	Rumanian	SS	Siswati	TW	Twi
Z	Azerbaijani	EO	Esperanto	HY	Armenian	KY	Kirghiz	NA	Nauru	RU	Russian	ST	Sesotho	UK	Ukrainian
ВA	Bashkir	ET	Estonian	ΙA	Interlingua	LA	Latin	NE	Nepali	RW	Kinyarwanda	SU	Sundanese	UR	Urdu
BE	Byelorussian	EU	Basque	ΙE	Interlingue	LN	Lingala	NL	Dutch	SA	Sanskrit	SV	Swedish	UZ	Uzbek
3G	Bulgarian	FA	Persian	IK	Inupiak	LO	Laothian	NO	Norwegian	SD	Sindhi	SW	Swahili	VI	Vietnamese
BH	Bihari	FI	Finnish	IN	Indonesian	LT	Lithuanian	OC	Occitan	SG	Sangho	TA	Tamil	VO	Volapuk
BI .	Bislama	FJ	Fiji	IS	Icelandic	LV	Latvian,	OM	(Afan) Oromo	SH	Serbo-	TE	Telugu	WO	Wolof
ΒN	Bengali,Ban-	FO	Faroese	IW	Hebrew		Lettish	OR	Oriya	311	Croatian	TG	Tajik	XH	Xhosa
_	gla	FY	Frisian	JI	Yiddish	MG	Malagasy	PA	Panjabi	SI	Singhalese	TH	Thai	YO	Yoruba
SO.	Tibetan	GA	Irish	JW	Javanese	MI	Maori	PL	Polish	SK	Slovak	TI	Tigrinya	ZU	Zulu
R	Breton	GD	Scots Gaelic	KA	Georgian	MK	Macedonian					TK	Turkmen		

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Name of dealer

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Remember to retain your Bill of Sale for Warranty Service.

 Do not attempt to service the product yourself Caution To prevent electrical shock, do not open the cabinet. There are no user serviceable parts inside

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Audio outputs

Audio characteristics

DVD (sampling frequency 48 kHz):

Digital bitstream signals)

Frequency response

ANALOG OUT (pin jack): 2.0 Vrms (10 k Ω)

DIGITAL OUT (COAXIAL): 0.5 Vp-p (75 Ω termination)

CD (sampling frequency 44.1 kHz): 2 Hz to 20 kHz

DVD (sampling frequency 96 kHz): 2 Hz to 44 kHz

Total harmonic distortion: less than 0.009%

2 Hz to 22 kHz(4 Hz to 20 kHz for DTS and Dolby

Wow and flutter: Unmeasurable (less than ± 0.002%)

Please refer to qualified service personnel for repairs.

BT-51005-9

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

General

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)

Video format: NTSC, 480i/480p selectable

Other

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

Mass: 1.5 kg (3.3 lbs) 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

Component (pin jacks)
Y Output: 1.0 Vp-p (75 Ω) *PB/PR Output:* 0.7 Vp-p (75 Ω) VIDEO (pin jack): 1.0 Vp-p (75 Ω)

S-VIDEO (S jack) *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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Purchase date