DIGITAL QUIT DIGITAL QUE VIDEO

AV COMPU LINK



GNT0061-001A[US] 0305MOC-MW-SC

Region code of DVD VIDEO

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





The player's region code is printed on the rear of

Note of Color system format

This player accommodates the NTSC system, and also can play back discs recorded with PAI system. (PAL video signals are converted to an NTSC signal and output.)

Supplied accessories

- If anything is missing, consult your dealer
- 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. Model No

Warnings, Cautions and Others



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 FLECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

For U.S.A.

This equipment has been tested and found to comply vith the limits for a Class B digital device, pursuant to part 15 of the FCC Rules

These limits are designed to provide reasonable protection against harmful interference in a residential nstallation. 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 does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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

For Canada

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.

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 ம/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 PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS ADIATION EXPOSURE DO 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. CAUTION - VISIBLE ON INVISIBLE ENCEN MADE ON THE STATE OF THE STATE OF

CAUTION:

• Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper

- 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.

or cloth, etc., the heat may not be able to get out.)

• 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.
- 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

Do not put heavy objects on the player

To prevent malfunction of the player

hairpins, coins, etc. into the player.

the use of chemically-coated cloths.

• DVD VIDEO, Audio CD, Video CD, SVCD

DVD-R/-RW written in the DVD VIDEO format

damage the player.

To clean the cabinet

Playable discs

the "ISO 9660" format

Supported Digital audio formats:

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.

There are no user-serviceable parts inside. If anything goes

wrong, unplug the power cord and consult your dealer

Do not insert any metallic objects, such as wires.

Use a soft cloth. Follow the relevant instructions on

Do not use benzene, thinner or other organic solvents and

Video CD CERTON

CD-R/RW written in the SVCD, Video CD or Audio CD

CD-R/RW written in MP3/JPEG in accordance with

Linear PCM, Dolby Digital, DTS (Digital Theater Systems)*

disinfectants. These may cause deformation or discoloring.

Do not block the vents. Blocking the vents may.

- 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 DTSencoded 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.

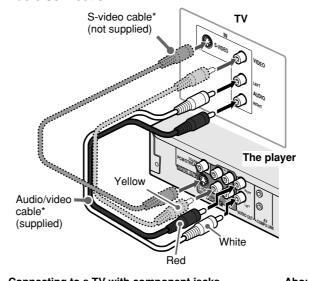
Connections

Before making connections:

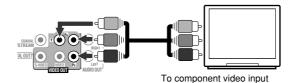
Do not connect the AC power cord until all other connections have been made

• 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



Connecting to a TV with component jacks



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

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

Buttons To do

▶*

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

Turning on and off the player

Start/resume normal Playback

RESUME. this player

playback.

press ■ again

Fast forward/backward

Slow-motion playback

(While paused)

normal speed.

(variable | The disc is played back at about |

VARI-PLAY (For DVD Video)

playback)

5

the display window.

• When RESUME is ON or DISC

memorizes the position on the

To resume playback, press ▶

To stop playback completely.

Each time you press II on the

advances to the next frame.

remote control, the still picture

Each time you press the button,

the playback speed changes.

• If you press and hold the button

advanced/reversed at 5 times

1.2 or 1.5 times (FAST)/0.8 or 0.6

The sound is not muted, and the

imes (SLOW) normal speed.

during playback, playback is

disc where you interrupted

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]						
IOTE								

not fully compatible with the player. To check the compatibility of your TV, contact your local JVC customer service center

- If your TV has a monaural audio input To enjoy high-quality surround sound, connect the instead of stereo, use an optional audio DIGITAL OUT (COAXIAL) jack to a Dolby Digital or DTS cable which converts stereo audio output to decoder or an amplifier with a built-in decoder
- 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 jack and the component (Y.
- PB, PR) jacks cannot be used at the same

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

ICTURE SOURCE] of	Source type		
e PICTURE menu	Film source	Video source] Using t
AUTO	[DDP]	[P]	The AV C
FILM	[DDP]	[DDP]	and/or au
VIDEO(NORMAL)/ (ACTIVE)	[P]	[P]	compone or audio.
ГЕ			do not ev

Some progressive TV and High-Definition TV sets are

Using the AV COMPU LINK system
The AV 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
receiver

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 analog audio input

Connecting to a digital audio device

To digital audio input

• Depending on the disc, no signal may be outputted

• Set [DIGITAL AUDIO OUTPUT] in the [AUDIO]

preference display correctly according to the

AUDIO OUTPUT" in "Initial settings.")

from the DIGITAL OUT. Make an analog connection

connected digital audio equipment. (See "DIGITAL

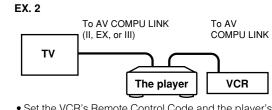
To analog

audio input

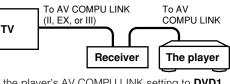


 Set the player's AV COMPU LINK setting as follows: When connecting to the VIDEO-1 input terminal of the television: **DVD2**

When connecting to the VIDEO-2 input terminal of the television: **DVD3**



- When connecting to the VIDEO-1 input terminal of the television:
- VCR's Remote Control Code: B
- the television:



Notes for connection

- 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. Operation

1. Turn on the main power of the television.

- 2. Insert a disc (or tape) into the source component
- Turning on the television and/or receiver.
- Setting the source of the television to the external
- which has started playback.

Changing the picture tone (VFP)

ne VFP (Video Fine Processor)

unction allows you to adjust the

personal preferences

Press VFP-I/P.

preset.

picture character according to the

type of programming, picture tone or

Press
√> to select the desired

parameters that affect the

store the settings as a user

preset. See below

Selected

- SLOW + DISPLAY ON SCREE

TOP THUMB

● (ENTER)

IENU SET

Turning on the power

Inserting the AC power plug

After all other connections have been made, insert the AC power plug to the wall outlet firmly.

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

Installing the batteries in the remote control

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. replace the batteries.

Precautions of the safe use of batteries

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.

Observe the following precautions for the safe use of

properly. • Never leave dead batteries lying around, take them apart, mix them with other refuse, or throw them into

• Never touch liquid that has leaked out of a battery.

• Do not mix new and old batteries, or batteries of

Remove dead batteries and dispose of them

different types, when placing them. Turning on and off the player

Press U/ISTANDBY/ON:

an incinerator.

Initial setup

When you turn on the player for the first time after

follows:

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

- "4:3 PS." (See "MONITOR TYPE" in "Initial

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

signal type, then press ENTER.

- press ENTER to finish the setting.) Receiver/decoder bearing Dolby Digital logo and
- Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder, select "PCM ONLY."

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

EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO **SETTING**

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

DVD PLAYER SETUP	
MONITOR TYPE	1
PICTURE SOURCE	16:9 4:3 LB
SCREEN SAVER	4:3 PS
BACKGROUND	STANDARD

5

DVD PLAYER SETUP	
DIGITAL AUDIO OUTPUT	2011 01111
ANALOG DOWNMIX	PCM ONLY DOLBY DIGITAL/PCM
D.RANGE CONTROL	STREAM/PCM
OUTPUT LEVEL	STANDARD

4 Press ▲/▼ to select a desired digital output

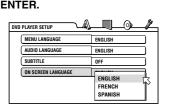
- (If you do not connect the player to such a device,
- Receiver/decoder bearing both Dolby Digital and DTS logos, select "STREAM/PCM."

Basic Operations

purchase, the following message appears on the TV

YES - PRESS ENTER NO - PRESS CANCEL Before enjoying this player, make the initial settings as

1 Press ENTER



OVD PLAYER SETUP	$\mathbf{A} \cup \mathbf{O}$	J.
MONITOR TYPE	100	$\overline{}$
PICTURE SOURCE	16:9 4:3 LB	
SCREEN SAVER	4:3 PS	
BACKGROUND	STANDARD	\neg

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

- For a normal (conventional) TV, select "4:3 LB" or
- For a wide-screen TV, select "16:9."

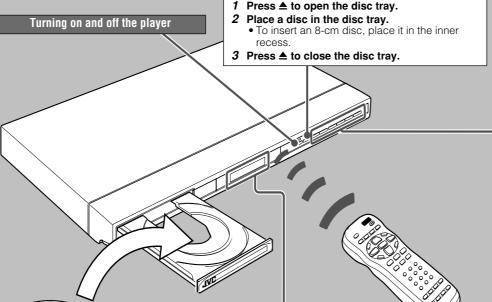
Set this item correctly according to the logo on your receiver or decoder

no DTS, select "DOLBY DIGITAL/PCM."

With the label side up

6

Insert a disc



About On-screen guide icons

Playback. : Pause. ▶/ :Slow-motion playback with the current

>>/ : Fast forward/backward playback with

the current speed. : At the beginning of a scene containing multi-angle views.

: At the beginning of a scene containing multi-audio sounds.: At the beginning of a scene containing multi-subtitles. 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.")

RESUME RND RND

approx. 5 m.)

Point toward the remote sensor directly

as possible (the operating range is

subtitle does not go off (except for (For SVCD/VCD) · Each indicator lights up when corresponding The disc is played back at about function/mode is activated, or corresponding 2 times (FAST)/0.5 times (SLOW) information is on the main display. normal speed.

> current position (only within the same title). * ►II on the player starts/pauses playback

(Only for DVD Video)

The playback position moves

back 10 seconds before the

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

STANDBY/ON O/I

- SLOW + DISPLAY ON SCREE

■ ENTER

1 2 3

4 5 6

7 8 9

80 0

GROUP EFFECT VFP DIMMER

ANGLE SUBTITLE AUDIO ZOOM

JVC

ENTER or ► (SELECT).

MENU A

OPEN/ CLOSE

the display window contents Locating the beginning of a

Each time you press **DISPLAY**,

You can select a title/chapter/ track directly and start playback (While stopped) select title. (While playing back) select

> For SVCD/VCD/CD: Select track. o select 5: press 5. o 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

You can operate a disc-SVCD/

CD with Playback Control*

(PBC)—using the disc menu

A method of controlling disc

shown on the TV screen.

of the chapter. Using the disc menu

play for SVCD/VCD by using the ■ For DVD 1 Press TOP MENU or MENU to show the disc menu.

number using the numeric buttons. ■ For SVCD/VCD 1 While stopped, press TOP MENU or ► (SELECT) to

2 Press the numeric buttons to select a desired item.

2 Press ▲/▼/◄/► to select a desired item, then press

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

To select 5: press 5 To select 23: press 2, then 3. To select 40: press 4, then 0, • To move to the next or previous page of the current menu.

To return to the previous menu, press RETURN.

To play back without PBC While stopped, press the numeric buttons instead of ► (SELECT) to start playback.

press ▶►I or I◄◄.

show the menu.

To reactivate PBC • Press TOP MENU or MENU. • Press ■ to stop playback, then ► (SELECT).

2 Press the button repeatedly or setting.

select audio language For SVCD/VCD: channel.

Zooming the picture

Preset PREVIOUS SELECT NEXT GAMMA MID 0 2 3 SATURATION +10 4 5 6 7 8 9 Y DELAY O 0 \otimes NORMAL For watching TV in a GROUP SOUND EFFECT VFP IMMER general room **CINEMA** For watching a movie ANGLE SUBTITLE AUDIO ZOOM software in a room with suppressed light JVC USER1 You can adjust

USER2

1 Select "USER1" or "USER2."

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

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

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

When connecting to the VIDEO-2 input terminal of

Set the player's AV COMPU LINK setting to DVD1.

Connect the AUDIO OUT jacks of the player to the

3. Press ► of the source component. The following actions are performed automatically

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

Advanced Operations

Changing the language, sound and scene angle Press the button.

▲/▼ to select the desired item. Press ENTER to finish the Buttons To do AUDIO For DVD Video:

select the audio SUBTITLE | select the subtitle. ANGLE select the view-angle.

Changing the Sound Field Each time you press **SOUND EFFECT**, the Sound Effect mode

• As the value becomes bigger, the

Sound Effect works stronger.

Each time you press **ZOOM**, the

magnification changes. You can use ▲/▼/◄/► button to 2 Press ▲/▼ to select a parameter, then press ENTER. move the zoomed position. To return to the normal playback, select the normal size by pressing **ZOOM** repeatedly.

To adjust the picture tone

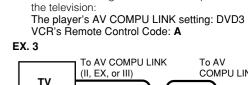
Adjust this if the appearance of flesh tone is unnatural (-16 to +16). SHARPNESS Adjust this if the picture is indistinct (LOW/HIGH). Adjust this if the picture looks separately/

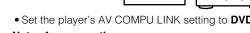
Repeat step 2 and 3 to adjust other parameters.

overlapped (-2 to +2).

 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





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 </ > The proof of 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

window and the status bar.

TIME selects the time mode shown in the display

• 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)

• 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)

ENTER again at the end point.

selects repeat mode. During playback

DVD: CD. In any condition VCD/SVCD: In any condition except PBC playback CHAPTER: Current chapter repeat (DVD)

Current title repeat (DVD) Current track repeat (CD/VCD/SVCD) TRACK: All track repeat (CD/VCD/SVCD) A-B repeat (During playback). After selecting A-B, press ENTER at the • A-B: beginning point of repeat, then press

> Repeat mode deactivated. Select this to quit repeat mode.

④ ⇒ 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 (DVD only)

track (DVD), or audio channel (VCD/SVCD) during selects the subtitle language (DVD) or

selects the audio language (DVD), sound

subtitle (SVCD) during playback. selects a desired scene angle in a multi-

angle 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.

Various playback mode

1. While stopped, press ▲/▼/◄/▶ to move the cursor bar to playback mode.

• REPEAT 1: Repeats the current file.

REPEAT GROUP: Repeats all files in the current group.

then press ►(SELECT)

Audio/Video files playback

Random playback

Program playback

5. Press ►(SELECT).

To zoom in a picture

Press ZOOM

file (x1.5/x2).

bar to playback mode

bar to playback mode

then press ►(SELECT).

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

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

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

. 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 JPFG files

depending on their resolution size and JPEG format.

To select a JPEG file 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

. Press ENTER repeatedly to select RANDOM.

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

press ENTER.

Control display.

pressing I

To select slide show effect

appears on the TV screen.

Pressing
 I > rotates the picture by 90°.

Pressing ▲ reflects the picture vertically.

Pressing ▼ reflects the picture horizontally

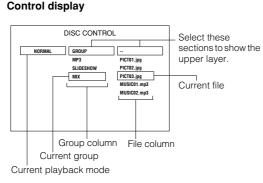
You can play back MP3/JPEG files on a CD/CD-R/RW. The player supports discs recorded with up to five multiple sessions

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
- Press ► to move the cursor bar to the file column, 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" and ".jpg") to
- MP3i and MP3 Pro are not available.
- 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.



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

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

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

2. Press ENTER repeatedly to select the desired repeat

• REPEAT ALL: Repeats all files on the disc. Press ➤ to move the cursor bar to the file column.

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.

2 Press
✓/➤ to select the menu.

3 Press ▲/▼ to move to select the item 4 Press ENTER.

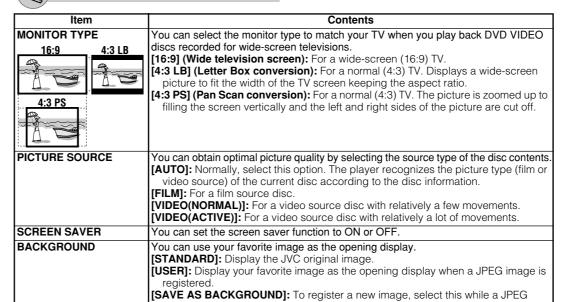
5 Press ▲/▼ to select the options, then press ENTER. To dismiss a preference display

- Some items in the menus cannot be changed during
- 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 the code lists on the right. Depending on the disc, the settings may not apply correctly.



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





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

item	Contents
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.
N SCREEN GUIDE	Activate or deactivate the on-screen guide.
UTO STANDBY	Set the time until the player turns off (into standby) automatically if playback is
	stopped for more than 30 minutes or 60 minutes.
V COMPULINK MODE	Set this item correctly when using the AV COMPU LINK system. See "Using the AV
	COMPU LINK system" in "Connections."
ARENTAL LOCK	Select this item, then press ENTER to show the PARENTAL LOCK menu for limiting
RENTAL LOCK	playback by children. Scenes which are limited by this function are not played or
COUNTRY CODE US	replaced with other scenes.
SET LEVEL NONE	[COUNTRY CODE]: Select the code of your country/area.
PASSWORD EXIT	[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.
	• 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.

Troubleshooting

Power does not come on.

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

→ Power plug is not inserted securely. Plug in

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

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

→ MP3/JPEG disc is recorded with the "packet writing (UDF file)." It cannot be played.

Files (tracks) are not played in the recorded

→ This player plays the files in the alphabetic order.

than TV broadcast sound level.

No sound and/or no picture comes out.

Check the files you want to play back.

order.

AA / AB / AF / AM / AR / AS / AZ / BA | BE | BG | BH | BI | BN

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

MP3/JPEG

Country/Area code list for Parental Lock

DVD VIDEO disc playback sound level is lower

Analog audio output is distorted.

So, the playback order can vary.

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United Arab Emirates Suriname Sao Tome and British Indian Ocean Territory Antigua and Barbuda Anguilla NA Namibia Swaziland
Turks and Caico Armenia Netherlands Antilles French Southern
Territories
Togo
Thailand
Tajikistan
Tokelau Nicaragua Netherlands NO Norway NP Nepal Australia Aruba Azerbaijan Bosnia and Herz Turkmenistan Tunisia KN Saint Kitts and Nevis
KP Korea, Democratic
People's Republic of Banglades FO Faroe Islands Cayman Islands PG Papua New Guinea Bulgaria Bahrain FX France, Metropolitan
GA Gabon Lao People' Burundi TZ Tanzania, United Republic of UA Ukraine United Kingdor Grenada PL Poland PM Saint Pierre and Bermuda Brunei Darussalan UG Uganda
UM United States Minor
Outlying Islands
US United States PN Pitcairn
PR Puerto Rico
PT Portugal Sri Lanka Ghana Uruguay
Uzbekistan
Vatican City State
(Holy See)
Saint Vincent and the PY Paraguay QA Qatar Luxembourg Guinea Libyan Arab Jamahiriya RO Romania GQ Equatorial Guinea Canada South Georgia and the VG Virgin Islands (British)
VI Virgin Islands (U.S.)
VN Vietnam Central African Republic Congo Switzerland Vanuatu Wallis and Futuna Cook Islands HM Heard Island and McDonald Islands Cameroon China Mayotte Yugoslavia South Africa HR Croatia HT Haiti Slovakia

			· O.a.			_							000110	
anguage codes list for the LANGUAGE menu														
unguu	gu	00400		. 101	, _,		~ _	monu						
Afar	CA	Catalan	GL	Galician	KK	Kazakh	ML	Malayalam	PS	Pashto,	SL	Slovenian	TL	Tagalog
Abkhazian	CO	Corsican	GN	Guarani	KL	Greenlandic	MN	Mongolian		Pushto	SM	Samoan	TN	Setswana
Afrikaans	CS	Czech	GU	Gujarati	KM	Cambodian	MO	Moldavian	PT	Portuguese	SN	Shona	TO	Tongan
Ameharic	CY	Welsh	HA	Hausa	KN	Kannada	MR	Marathi	QU	Quechua	SO	Somali	TR	Turkish
Arabic	DA	Danish	HI	Hindi	КО	Korean (KOR)	MS	Malay (MAY)	RM	Rhaeto-	SQ	Albanian	TS	Tsonga
Assamese	DZ	Bhutani	HR	Croatian	KS	Kashmiri	MT	Maltese	RN	Romance Kirundi	SR	Serbian	TT	Tatar
Aymara	EL	Greek	HU	Hungarian	KU	Kurdish	MY	Burmese	_		SS	Siswati	TW	Twi
Azerbaijani	EO	Esperanto	HY	Armenian	KY	Kirghiz	NA	Nauru	RU	Rumanian	ST	Sesotho	UK	Ukrainian
Bashkir	ET	Estonian	IA	Interlingua	LA	Latin	NE	Nepali	_	Russian	SU	Sundanese	UR	Urdu
Byelorussian	EU	Basque	ΙE	Interlingue	LN	Lingala	NL	Dutch	RW	Kinyarwanda	SV	Swedish	UZ	Uzbek
Bulgarian	FA	Persian	IK	Inupiak	LO	Laothian	NO	Norwegian	_	Sanskrit	SW	Swahili	VI	Vietnamese
Bihari	FI	Finnish	IN	Indonesian	LT	Lithuanian	OC	Occitan	SD	Sindhi Sangho	TA	Tamil	VO	Volapuk
Bislama	FJ	Fiji	IS	Icelandic	LV	Latvian,	OM	(Afan) Oromo	SH	<u> </u>	TE	Telugu	WO	Wolof
Bengali,Ban-	FO	Faroese	IW	Hebrew		Lettish	OR	Oriya	ЭП	Serbo- Croatian	TG	Tajik	XH	Xhosa
gla	FY	Frisian	JI	Yiddish	MG	Malagasy	PA	Panjabi	SI	Singhalese	TH	Thai	YO	Yoruba
Tibetan	GA	Irish	JW	Javanese	MI	Maori	PL	Polish	SK	Slovak	TI	Tigrinya	ZU	Zulu
Breton	GD	Scots Gaelic	KA	Georgian	MK	Macedonian			OIL	Olovak	TK	Turkmen	1	

LIMITED WARRANTY ONLY FOR PRODUCT PURCHASED IN U.S.A. CONSUMER VIDEO 1-90 JVC COMPANY OF AMERICA (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

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image is displayed on the TV

1 YR 90 DAYS THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND

WHAT WE WILL DO: f this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or

rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC

† during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the

† remainded of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis.

† Color televisions with a screen size of 27" or greater qualify for in-home service. In such cases, a technician will come

† to your home and either repair the TV there or remove and return it if it cannot be repaired in your home. WHAT YOU MUST DO FOR WARRANTY SERVICE: <u>Please do not return your product to the retailer</u> Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service

center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvc.com. If your product qualifies for in-home service, the service representative will require clear access to the product.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department

WHAT IS NOT COVERED: This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial

number has been altered, tampered with, defaced or removed: Initial installation, installation and removal from cabinets or mounting systems.

Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning, Damage that occurs in shipment, due to act of God, and cosmetic damage;

Signal reception problems and failures due to line power surge . User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90days from the date of purchase; 8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);

Products used for commercial purposes, including, but not limited to rental. Loss of data resultant from malfunction of hard drive or other data storage device There are no express warranties except as listed above.

JVC COMPANY OF AMERICA

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WARRANTY PERIOD SET FORTH ABOVE. Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet.

Retain this information for future reference. Model No. Serial No. Purchase date Name of dealer

TO OUR VALUED CUSTOMER —

THANK YOU FOR PURCHASING THIS JVC PRODUCT. WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

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NEED HELP ON HOW TO HOOK UP? NEED ASSISTANCE ON HOW TO OPERATE? NEED TO LOCATE A JVC SERVICE CENTER? LIKE TO PURCHASE ACCESSORIES?

JVC IS HERE TO HELP! **TOLL FREE: 1(800)252-5722**

http://www.jvc.com

Please refer to qualified service personnel for repairs.

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.

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 format,

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)

inch x 7-15/16 inch)

Mass: 1.5 kg (3.3 lbs) Dimensions (W x H x D): 435 mm x 44 mm x 201.5 mm (17-3/16 inch x 1-3/4

PB/PR Output: 0.7 Vp-p (75 Ω)

Component (pin jacks)

Video outputs

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

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%

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