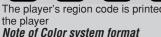
DI DOLBY DISTAL SUFER VIDEO **AV COMPU LINK**

©2004 Victor Company of Japan Limited

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







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

ONLY)

If anything is missing, consult your dealer

- Audio/video cable (Yellow/White/Red) (x 1) Remote control (x 1) • R6P(SUM-3)/AA(15F) battery (x 2)
- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are

AC power plug adaptor (x 1) (for PX model

- "DTS" and "DTS 2.0+Digital Out" are trademarks of Digital Theater Systems, Inc.
 USE OF THIS PRODUCT IN ANY MANNER THAT COMPLIES WITH THE MPEG-4 VISUAL STANDARD
- IS PROHIBITED. EXCEPT FOR USE BY A CONSUMER ENGAGING IN PERSONAL AND NON-COMMERCIAL ACTIVITIES 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.

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.

GNT0058-001 ALI/LLII 0804STHMDWJSC



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.

TO REDUCE THE RISK OF ELECTRIC SHOCK

DO NOT REMOVE COVER (OR BACK

NO USER SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



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

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

These limits are designed to provide reasonable orotection against harmful interference in a residentia 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 lowever, 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 neasures:

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

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. Do not remove screws, covers or cabinet. 2. Do not expose this appliance to rain or moisture.

Caution — ⊕/ISTANDBY/ON button! Disconnect the mains plug to shut the power off completely. The U/ISTANDBY/ON button in any position does not disconnect the mains line. The power

IMPORTANT FOR LASER PRODUCTS

can be remote controlled.

- 1. CLASS 1 LASER PRODUCT 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
- CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. I. RÉPRODUCTION OF LABEL: CAUTION LABEL

PLACED INSIDE THE UNIT

CAUTION: Visible and invisible	ADVARSEL : Synlig og usynlig	VARNING : Synlig och	VARO: Avattaessa ia suoialukitus
laser radiation when open and	laserstråling når maskinen er	osynlig laserstrálning när	ohitettuna tai viallisena olet alttiina
interlock failed or defeated.	åben eller interlocken fejler.	den öppnas och spärren är	näkyvälle ja näkymättömälle
		urkopplad. Betrakta ej	lasersäteilylle. Vältä säteen
BEAM. (e)	stråling. (d)	strålen. (s)	kohdistumista suoraan itseesi. (f)

• 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 (2.0 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 Connections • 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
- 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
- Do not insert any metallic objects, such as wires, hairpins, coins, etc. into the player
- Do not block the vents. Blocking the vents may damage the player To clean the cabinet

the use of chemically-coated cloths

deformation or discoloring

Use a soft cloth. Follow the relevant instructions on

Do not use benzene, thinner or other organic solvents and disinfectants. These may cause

Playable discs • DVD VIDEO, SVCD, Video CD, Audio CD



- DVD-R/-RW written in the DVD VIDEO format • CD-R/RW written in the SVCD, Video CD or Audio CD
- CD-R/RW written in MP3/JPEG/MPEG-4 in accordance with the "ISO 9660" format

Supported Digital audio formats: Linear PCM, Dolby Digital, DTS (Digital Theater

- 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

Unplayable discs If you try to play back discs listed below, noise may

NOTES

- generate causing 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

Insert a disc

3 Press ≜ to close the disc tray.

2 Place a disc in the disc tray.

paste on either the label side or playback side. Playing back these discs may damage the player

• To insert an 8-cm disc, place it in the inner recess.

Point toward the remote sensor

range is approx. 5 m.)

▶/ : Slow-motion playback with the current

: Fast forward/backward playback with

At the beginning of a scene containing

: At the beginning of a scene containing

: At the beginning of a scene containing

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.")

the current speed.

multi-angle views.

multi-audio sounds.

multi-subtitles.

About On-screen guide icons

Playback.

: Pause.

Main display

• Each indicator lights up when corresponding

information is on the main display.

function/mode is activated, or corresponding

directly as possible (the operating

Connecting to a TV with component jacks About the scanning mode indicator

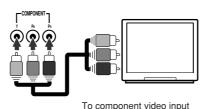
· Do not connect the AC power cord until all other connections have been made.

to a TV via a VCR/an integrated TV/Video system may cause a monitor problem.

S-video cable*

(not supplied)

Connect VIDEO OUT of the unit directly to the video input of your TV. Connecting VIDEO OUT of the player



When connecting your TV by the component video cable, set the VIDEO SIGNAL SELECTOR as follows: When the TV does not support the progressive

- When the TV supports the progressive scanning
- mode: **→**480p
- When you want to select the scanning mode
- To switch the scanning mode between Progressive (480p) and Interlace (480i) by the remote control. press and hold down VFP-PROGRESSIVE SCAN for

NOTES

correctly.

Open/close the disc tray

Each time you press DISPLAY, the display

window contents changes.

To do

l Pause

►►/◄ | Fast forward/backward*

changes.

Skip chapter/track

(Only for DVD Video)

PLAYBACK | The disc is played back at

same title).

To return to normal playback, press ►.

(While paused)

Start Playback

• When RESUME MODE is ON

memorizes the position on

the disc where you

To stop playback

interrupted playback

or DISC RESUME, this player

To resume playback, press

completely, press ■ again.

advances to the next frame.

• Each time you press the

button the still picture

Slow-motion playback*

Each time you press the

If you press and hold the

button during playback,

reversed at 5 times normal

about 1.5 times normal speed

The sound is not muted, and

The playback position moves

current position (only within the

back 10 seconds before the

the subtitle does not go off.

(Only for DVD Video)

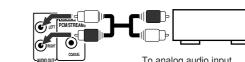
playback is advanced/

button, the playback speed

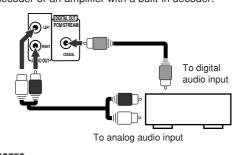
Buttons

>>|/|**<**

the S-VIDEO OUT jack with the player



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



 Depending on the disc, no signal may be output from the DIGITAL OUT. Make an analog connection in this

Set [DIGITAL AUDIO OUTPUT] in the [AUDIO] preference display correctly according to the connected digital audio equipment. (See "DIGITAL AUDIO OUTPUT" in "Initial settings.")

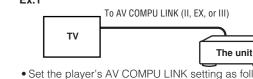
Using the AV COMPU LINK system

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

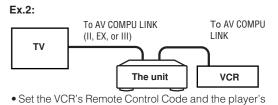
Using an AV COMPU LINK cable, connect the AV COMPU LINK terminals of each component to one

- 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

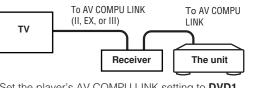


- Set the player's AV COMPU LINK setting as follows the television: **DVD2**
- When connecting to the VIDEO-2 input terminal of the television: **DVD3**



AV COMPU LINK setting as follows -When connecting to the VIDEO-1 input terminal or

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



• 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.

Press ➤ of the source component.

Turning on the television and/or receiver

Setting the source of the television to the external

input (VIDEO-1 or VIDEO-2).

which has started playback.

Changing the picture tone (VFP)

The VFP (Video Fine Processor)

function allows you to adjust the

personal preferences

GAMMA MID

CONTRAST

BRIGHTNESS + 4

preset.

USER 1

picture character according to the

type of programming, picture tone or

1 Press VFP-PROGRESSIVE SCAN.

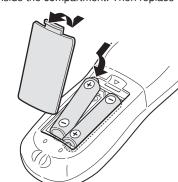
2 Press
/▶ to select the desired

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. For PX model only

The STANDBY indicator lights in red.

Installing the battery in the remote control Open the compartment cover, and place the two supplied R6P(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, replace the batteries.

Precautions of the safe use of batteries

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. properly.
- 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

apart, mix them with other refuse, or throw them into

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

different types, when placing them.

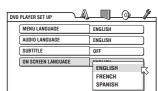
For PX model only

The STANDBY/ON indicator in red on the front panel goes off.

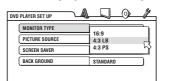
Initial setup

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

YES - PRESS ENTER NO - PRESS CANCEL



the preference displays, etc., then press ENTER.



- press ENTER
- "4:3 PS." (See "MONITOR TYPE" in "Initial
- settings." • For a wide-screen TV, select "16:9."

DVD PLAYER SET UP

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

Digital decoder, DTS decoder, or amplifier with a built-in decoder.

select "DOLBY DIGITAL/PCM." When connecting to a DTS decoder, select

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

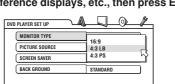
Turning on and off the player

EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO

Before enjoying this unit, make the initial settings as



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



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

Set this item correctly according to your Dolby

(If you do not connect the player to such a device, press ENTER to finish the setting.) When connecting to a Dolby Digital decoder,

"STREAM/PCM." • When connecting to other digital device, select "PCM ONLY."

SET UP display appears.

Before making connections:

Basic Connection

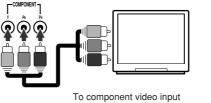
Set the VIDEO

SIGNAL SELECTO

Audio/video

(supplied)

cable'



scanning mode: →480i

depending on the source condition: →REMOTE* a few seconds.

• Connect "Y" to "Y," "PB" to "PB(CB)," "PR" to "PR(CR)" When using the COMPONENT jacks, do not connect

1 2 3

4 5 6

7 8 9

(10) (10) (+10)

ENTER D

ANGLE SUBTITLE AUDIO ZOOM

4

■ For DVD

TITLEGROUP CAN

(A) 12 (S)

▶▶

▶►

ENTER or ► (SELECT).

■ For SVCD/VCD

press I◀◀ or ▶▶I.

To cancel PBC

To reactivate PBC

plavback.

number using the numeric buttons.

To select 23: press +10, +10, then 3.

To select 40: press +10, +10, +10, then 10.

To return to the previous menu, press RETURN.

Press TOP MENU or MENU - THUMBNAIL/LIST.

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

[PICTURE SOURCE]

of the PICTURE menu

AUTO

FILM

VIDEO(NORMAL)

(ACTIVE)

Some progressive TV are not fully compatible with the unit. To check the compatibility of your TV, contact your local JVC customer service center

ou can select a title/chapter/

(While stopped) select title

(While playing back) select

For SVCD/VCD/CD:

select 5: press 5.

o select 23: press +10, +10,

o select 40: press +10, +10,

If you press TITLE/GROUP

before entering the number,

ress **DIMMER** to change the

brightness of the display window

You can operate a disc—DVD and

SVCD/VCD with Playback Control*

A method of controlling disc play

for SVCD/VCD by using the disc

(PBC)—using the disc menu

shown on the TV screen

Press TOP MENU or MENU to show the disc menu.

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

In stop mode, press TOP MENU or ► (SELECT) to show

To move to the next or previous page of the current menu,

Press the numeric buttons instead of ► (SELECT) to start

2 Press the numeric buttons to select a desired item.

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

you can select the title instead

then 3

+10. then 10

For DVD Video:

lect track.

of the chapte

rack directly and start playback

Film source

[DDP]

[DDP]

[P]

• If your TV has a monaural

output to monaural.

same time.

you want to use.

audio input instead of stereo

use an optional audio cable

which converts stereo audio

• The VIDEO jack, S-VIDEO

Connect only the VIDEO

iack. S-VIDEO OUT iack, or

COMPONENT jacks which

Source type of DVD VIDEO

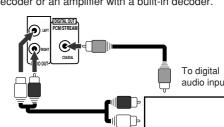
Video source

[P]

[DDP]

OUT jack and COMPONENT

iacks can not be used at the

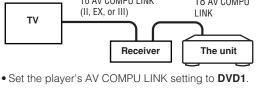


• The player's AV COMPU LINK setting is controlled

Connection and setup

When connecting to the VIDEO-1 input terminal of

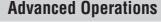
The player's AV COMPU LINK setting: DVD3 VCR's Remote Control Code: A

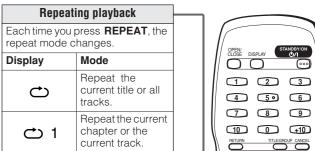


Insert a disc (or tape) into the source component

The following actions are performed automatically:

Setting the source of the receiver to the component





The repeat mode

Changing the Sound Field You can change the sound field

No indication

As the value becomes bigger, the Sound Effect works stronger

3 Press ENTER to finish the Buttons To do AUDIO For DVD Video: select audio For SVCD/VCD/CD: select the audio channel. SUBTITLE | select the subtitle.

Zooming the picture

 You can use ▲/▼/◄/► button to move the zoomed position. To return the normal playback,

magnification changes.

select the normal size by pressing **ZOOM** repeatedly.

is off. (ENTER) PREVIOUS only for analog audio output. ach time you press **SOUND EFFECT**, the Sound Effect mode SLOW-SOUND REPEAT VFP ANGLE SUBTILLE AUDIO ZOOM Changing the language, sound and scene angle 2 Press the button repeatedly or ▲/▼ to select the desired item. ANGLE select the view-angle

To adjust the picture tone Select "USER1" or "USER2." 2 Press ▲/▼ to select a parameter, then press ENTER.

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

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

Adjust this if the neutral color is bright or

Each time you press **ZOOM**, the

NORMAL For watching TV in a general room CINEMA For watching a movie

software in a room with

suppressed light.

You can adjust USER2 parameters that affect

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

HIGH).

5 Press VFP-PROGRESSIVE SCAN to finish the setting.

SHARPNESS Y DELAY

JVC

PP

SLOW+

store the settings as a user preset. See below.

When a disc is inserted, press ON SCREEN twice.

under the status ba Ex.: Menu bar for DVD VIDEO

 DVD-VIDEO
 8,5Mbps
 TITLE 33 CHAP 33 TOTAL 1:25:58

To dismiss the menu bar, press ON SCREEN

Basic operation procedure

1 Press **◄/►** to select the icon you want to work

2 Press ENTER. fter 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,

(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 unit 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) (while in stop mode, 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 in stop mode, current track total time)

ENTER again at the end point.

selects repeat mode. DVD: During playback

In any condition VCD/SVCD: In any condition except PBC playback • TRACK: • ALL:

 CHAPTER: Current chapter repeat (DVD) Current title repeat (DVD) Current track repeat (CD/VCD/SVCD) All track repeat (CD/VCD/SVCD) A-B repeat (During playback). After • A-B: selecting A-B, press ENTER at the 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)

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

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.

ullet To correct the program, press llet/llet to move $\liebtilde{\square}$ to 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.

2. 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).

1. After selecting RND. icon, press ENTER. The player starts random playback.

Audio/Video files playback

You can play back MP3/JPEG/MPEG4 (simple profile/asf file) files on a CD/CD-R/RW.

Precautions

Use "ISO 9660" as the disc format.

• The player does not support "packet writing (UDF

• The player supports discs recorded with up to five multiple sessions

• 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 ".asf") to the file name. • 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.

Control display

DISC CONTROL Select these sections to show the upper layer. MOVIE02.asf
PICT01.jpg
PICT02.jpg
PICT03.jpg Current file MUSIC02.mp3 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

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).

Random playback

 While stopped, press ▲/▼/◄/► to move the curso bar to playback mode

2. Press ENTER repeatedly to select RANDOM. 3. Press ► to move the cursor bar to the file column, then press ►(SELECT)

Program playback . While stopped, press ▲/▼/◄/▶ to move the cursor

bar to playback mode. 2. Press ENTER repeatedly to select PROGRAM. 3. Press ▲/▼/◄/▶ to select the desired file, then press

ENTER 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

column, then press CANCEL. 5. Press ►(SELECT).

Various JPEG files playback To zoom in a picture

Press ZOOM. Each time you press ZOOM, you can magnify a JPEG file (x1.5/x2/x4).

• You can also magnify an MPEG-4 file (x2/x4). To rotate/reflect a still picture

While a still picture is played back: Pressing
 I/> rotates the picture by 90°

 Pressing ▲ reflects the picture vertically. Pressing ▼ reflects the picture horizontally

To select a JPEG files from the thumbnail list 1. Press and hold MENU-THUMBNAIL/LIST while a JPEG file is selected on the Control display.

2. Press ▲/▼/◄/► to select the desired picture, then press ENTER. You can change the page of thumbnail list by

pressing I◀◀/▶▶I. Slide show playback of JPEG files

Press ►(SELECT) while a JPEG file is selected on the Control display • To select slide show effect

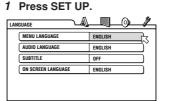
Press and hold ANGLE-SLIDE EFFECT until SLIDE EFFECT MODE: and the current mode appears on the TV screen By pressing and holding the button repeatedly, you can select the effect out of 11 effects, random effect selection (RAND), and no effect (NONE).

The effect is not applied to progressive JPEG files.

Initial settings

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

How to set the Initial settings



2 Press
✓/► to select the menu.

3 Press A/▼ to move to select the item. 4 Press ENTER 5 Press ▲/▼ to select the options, then press

To dismiss a preference display Press SET UP

• Some items in the menus cannot be changed during playback

• While CD-R/RW which contains MP3/MPEG-4 files is inserted, 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 PARENTĂL LOCK menu, see also "Language codes" below

• Depending on the disc, the settings may not apply correctly.

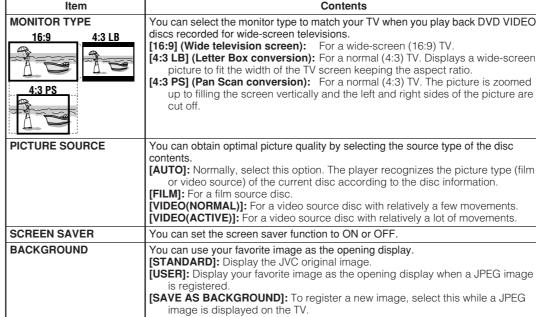
LANGUAGE menu

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.



ENTER.

PICTURE menu



AUDIO menu

Item	Contents						
DIGITAL AUDIO OUTPUT	Set this item correctly when connecting to an external device equipped with a digital input. [PCM ONLY]: When connecting to audio equipment which can decode only linear PCM signals. [DOLBY DIGITAL/PCM]: When connecting to a Dolby Digital decoder or an amplifier with a built-in Dolby Digital decoder. [STREAM/PCM]: When connecting to an amplifier with a built-in DTS, MPEG Multichannel or Dolby Digital decoder.						
ANALOG DOWN MIX	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].						



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 30 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 US SET LEVEL PASSWORD EXT EXT	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 password by pressing the numeric buttons (0 to 9). [EXIT]: Select this and press ENTER to go back to the OTHERS menu. Note: • 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 pass word, enter "8888."
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Troubleshooting

Power does not come on.

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

→ 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

"REGION CODE ERROR!" is shown on the TV.

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 IPICTURE SOURCE] is set to [FILM] or [AUTO]. Set [PICTURE SOURCE] to [VIDEO (NORMAL)] or [VIDEO (ACTIVE)].

Picture is distorted when using

COMPONENT or S-VIDEO OUT 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.

[P] is turned on, the player is in the progressive

Set the VIDEO SIGNAL SELECTOR on the rear

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DVD VIDEO disc playback sound level is

Analog audio output is distorted.

No sound and/or no picture comes out. → MP3/MPEG-4 disc is recorded with the "packet

MPEG-4 files cannot be played back.

→ The format of the file is not asf.

→ This player plays the files in the alphabetic order. So, the playback order can vary.

→ The player is in the progressive scanning mode though it is connected to a TV via the VIDEO or S-VIDEO OUT jack. Observe the display window. If

scanning mode. panel to "480i." or set it to "REMOTE" and make the Progressive scanning mode inactive by using the VFP-PROGRESSIVE SCAN button.

lower than TV broadcast sound level.

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

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

MP3/JPEG/MPEG-4

writing (UDF file)." It cannot be played

Check the files you want to play back. Files (tracks) are not played in the recorded

٩D	Andorra	CX	Christmas Island	IL	Israel	MU	Mauritius	SO	Somalia
١E	United Arab Emirates	CY	Cyprus	IN	India	MV	Maldives	SR	Suriname
۱F	Afghanistan	CZ	Czech Republic	IO	British Indian Ocean	MW	Malawi	ST	Sao Tome and
٩G	Antigua and Barbuda	DE	Germany	İL	Territory	MX	Mexico	1	Principe
\I	Anguilla	DJ	Djibouti	IQ	Iraq	MY	Malaysia	SV	El Salvador
۱L	Albania	DK	Denmark	IR	Iran (Islamic Republic	MZ	Mozambique	SY	Syrian Arab Republic
λM	Armenia	DM	Dominica	i	of)	NA	Namibia	SZ	Swaziland
١N	Netherlands Antilles	DO	Dominican Republic	IS	Iceland	NC	New Caledonia	TC	Turks and Caicos
4O	Angola	DZ	Algeria	IT	Italy	NE	Niger	1	Islands
٩Q	Antarctica	EC	Ecuador	JM	Jamaica	NF	Norfolk Island	TD	Chad
۱R	Argentina	EE	Estonia	JO	Jordan	NG	Nigeria	TF	French Southern
٩S	American Samoa	EG	Egypt	JP	Japan	NI	Nicaragua	1	Territories
١Ţ	Austria	EH	Western Sahara	KE	Kenya	NL	Netherlands	TG	Togo
AU.	Australia	ER	Eritrea	KG	Kyrgyzstan	NO	Norway	TH	Thailand
١W	Aruba	ES	Spain	KH	Cambodia	NP	Nepal	TJ	Tajikistan
١Z	Azerbaijan	ET	Ethiopia	KI	Kiribati	NR	Nauru	TK	Tokelau
3A	Bosnia and	FI	Finland	KM	Comoros	NU	Niue	TM	Turkmenistan
<i>-</i>	Herzegovina	FJ	Fiji	KN	Saint Kitts and Nevis	NZ	New Zealand	TN	Tunisia
BB	Barbados	FK	Falkland Islands	KP	Korea, Democratic	OM	Oman	TO	Tonga
BD	Bangladesh	FM	Micronesia (Federated		People's Republic of	PA	Panama	TP	East Timor
BE	Belgium	FIVI	States of)	KR	Korea, Republic of	PE	Peru	TR	Turkey
BF	Burkina Faso	FO	Faroe Islands	KW	Kuwait	PF	French Polynesia	TT	Trinidad and Tobago
3G	Bulgaria	FR	France	KY	Cayman Islands	PG	Papua New Guinea	TV	Tuvalu
BH	Bahrain	FX	France, Metropolitan	KZ	Kazakhstan	PH		TW	Taiwan
31	Burundi	GA	Gabon	LA	Lao People's	PK	Philippines	TZ	Tanzania, United
3.J	Benin	GB	United Kingdom	<u> </u>	Democratic Republic	1	Pakistan		Republic of
3M	Bermuda	GD	Grenada	LB	Lebanon	PL	Poland	UA	Ukraine
3N	Brunei Darussalam	GE	Georgia	LC	Saint Lucia	PM	Saint Pierre and Miguelon	UG	Uganda
30	Bolivia	GF	French Guiana	LI	Liechtenstein	PN	Pitcairn	UM	United States Minor
BR	Brazil	GH	Ghana	LK	Sri Lanka	PR	Puerto Rico		Outlying Islands
BS	Bahamas	GI	Gibraltar	LR	Liberia	PT	Portugal	US	United States
BT	Bhutan	GL	Greenland	LS	Lesotho	PW	Palau	UY	Uruguay
3 V	Bouvet Island	GM	Gambia	LT	Lithuania	PY		UZ	Uzbekistan
		4		LU	Luxembourg	I	Paraguay	VA	Vatican City State
3W	Botswana	GN	Guinea	LV	Latvia	QA	Qatar	1	(Holy See)
3Y	Belarus	GP	Guadeloupe	LY	Libyan Arab	RE	Réunion	VC	Saint Vincent and the Grenadines
3Z	Belize	GQ	Equatorial Guin ea		Jamahiriya	RO	Romania	VE	Venezuela
CA	Canada	GR	Greece	MA	Morocco	RU	Russian Federation	VG	Virgin Islands (British
CC	Cocos (Keeling) Islands	GS	South Georgia and theSouth Sandwich	MC	Monaco	RW	Rwanda	VI	Virgin Islands (U.S.)
)F	Central African	GT	Guatemala	MD	Moldova, Republic of	SA	Saudi Arabia	VN	Virgin Islands (U.S.)
7 F	Republic	GU	Guaremaia	MG	Madagascar	SB	Solomon Islands	VII	Vanuatu
CG	Congo	1		MH	Marshall Islands	SC	Seychelles	WF	
Ж	Switzerland	GW	Guinea-Bissau	ML	Mali	SD	Sudan	VVF	Wallis and Futuna Islands
	Côte d'Ivoire	GY	Guyana	MM	Myanmar	SE	Sweden	WS	Samoa
K	Cook Islands	HK	Hong Kong	MN	Mongolia	SG	Singapore	YE	Yemen
L L	Chile	HM	Heard Island and McDonald Islands	МО	Macau	SH	Saint Helena	YT	Mayotte
M.		HN		MP	Northern Mariana	SI	Slovenia	YU	
	Cameroon		Honduras		Islands	SJ	Svalbard and Jan	ZA	Yugoslavia
N	China	HR	Croatia	MQ	Martinique	1L	Mayen	11	South Africa
O	Colombia	HT	Haiti	MR	Mauritania	SK	Slovakia	ZM	Zambia
R U	Costa Rica	HU	Hungary	MS	Montserrat	SL	Sierra Leone	ZR	Zaire
	Cuba	ID	Indonesia	MT	Malta	SM	San Marino	ZW	Zimbbabwe

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Language codes list for the LANGUAGE menu

AA	Afar	CA	Catalan	GL	Galician	KK	Kazakh	MK	Macedonian	PL	Polish	SK	Slovak	TK	Turkmen
AB	Abkhazian	CO	Corsican	GN	Guarani	KL	Greenlandic	ML	Malayalam	PS	Pashto,	SL	Slovenian	TL	Tagalog
AF	Afrikaans	CS	Czech	GU	Gujarati	KM	Cambodian	MN	Mongolian	<u> </u>	Pushto	SM	Samoan	TN	Setswana
AM	Ameharic	CY	Welsh	HA	Hausa	KN	Kannada	MO	Moldavian	PT	Portuguese	SN	Shona	TO	Tongan
AR	Arabic	DA	Danish	HI	Hindi	KO	Korean	MR	Marathi	QU	Quechua	SO	Somali	TR	Turkish
AS	Assamese	DZ	Bhutani	HR	Croatian	<u> </u>	(KOR)	MS	Malay (MAY)	RM	Rhaeto-	SQ	Albanian	TS	Tsonga
ΑY	Aymara	EL	Greek	HU	Hungarian	KS	Kashmiri	MT	Maltese	I DAI	Romance Kirundi	SR	Serbian	TT	Tatar
ΑZ	Azerbaijani	EO	Esperanto	HY	Armenian	KU	Kurdish	MY	Burmese			SS	Siswati	TW	Twi
ВА	Bashkir	ET	Estonian	IA	Interlingua	KY	Kirghiz	NA	Nauru	RO	Rumanian	ST	Sesotho	UK	Ukrainian
BE	Byelorussian	EU	Basque	ΙE	Interlingue	LA	Latin	NE	Nepali		Russian	SU	Sundanese	UR	Urdu
BG	Bulgarian	FA	Persian	IK	Inupiak	LN	Lingala	NL	Dutch		Kinyarwanda	SV	Swedish	UZ	Uzbek
ВН	Bihari	FI	Finnish	IN	Indonesian	LO	Laothian	NO	Norwegian	SA	Sanskrit	SW	Swahili	VI	Vietnamese
BI	Bislama	FJ	Fiji	IS	Icelandic	LT	Lithuanian	OC	Occitan	SD	Sindhi	TA	Tamil	VO	Volapuk
BN	Bengali,Ban	FO	Faroese	IW	Hebrew	LV	Latvian,	ОМ	(Afan)	SG	Sangho	TE	Telugu	WO	Wolof
	gla	FY	Frisian	JI	Yiddish		Lettish		Oromo	SH	Serbo- Croatian	TG	Tajik	XH	Xhosa
ВО		GA	Irish	JW	Javanese	MG	Malagasy	OR	Oriya	SI	Singhalese	TH	Thai	YO	Yoruba
BR	Breton	GD	Scots Gaelic	KA	Georgian	MI	Maori	PA	Panjabi	01	onignatese	TI	Tigrinya	ZU	Zulu

LIMITED WARRANTY

F JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original retail purchase for the period as shown below. ("The Warranty Period")

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

thereof may be brought to a JVC authorized service center on a carry-in basis except for Television sets having a screen size 25 inches and above which are covered on an in-home basis.

WHAT YOU MUST DO FOR WARRANTY SERVICE

Return your product to a JVC authorized service center with a copy of your bill of sale. For your nearest JVC authorized service center, please call toll free: (800) 537-5722. If service is not available locally, box the product carefully, preferably in the original carton, and ship, insured, with 🕻 a copy of your bill of sale plus a letter of explanation of the problem to the nearest JVC Factory Service Center, the

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

This limited warranty provided by JVC <u>does not cover</u>:

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 number

There are no express warranties except as listed above

 * THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS * LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREI

OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABLITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

JVC COMPANY OF AMERICA 1700 Valley Road DIVISION OF JVC AMERICAS CORP.

REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

C Output: 286 mVp-p (75 Ω)

NESUME	 [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 30 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 LEYEL PASSWORD EXTT	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 password by pressing the numeric buttons (0 to 9). [EXIT]: Select this and press ENTER to go back to the OTHERS menu. Note: 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, ther enter your password. Otherwise, eject the disc. To change the setting of the limitation, you need to enter your password. If you forget your pass word, enter "8888."
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Authorized Service Centers

HOW TO LOCATE YOUR JVC SERVICE CENTER

TOLL FREE: 1 (800) 537-5722 http://www.jvc.com

In order to receive the most satisfaction from your purchase please read the instruction booklet before operating the unit.In the event that repairs are necessary, please call 1 (800)537-5722 for your nearest authorized servicer or visit our website at www.JVC.com Remember to retain your Bill of Sale for Warranty Service.

Do not service the television yourself

To prevent electrical shock, do not open the cabinet. There are no user serviceable parts inside. Please refer to qualified service personnel for repairs.

To purchase accessories for your JVC product, please call toll free:1 (800)882-2345 or

on the web at www.JVC.com

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, JPEG, MPEG-4)

Other Power requirements: AC 120 V ∼, 60 Hz Power consumption:

Video format: NTSC, 480i/480p selectable

10.0 W (POWER ON), 2.0 W (STANDBY mode) Mass: 1.6 kg (3.6 lbs) Dimensions (W x H x D): 435 mm x 44 mm x 201 mm (17-3/16 inch x 1-3/4

Video outputs

inch x 7-15/16 inch)

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

Horizontal resolution: 500 lines or more 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

20 bit/24 bit: More than 100 dB Wow and flutter: Unmeasurable (less than \pm 0.002%)

* Notes for PX model (Check the specification indication on the rear panel.)

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******************** CONSUMER VIDEO 1-90

> 90 DAYS 1 YR

If this product is found to be defective, JVC will repair or replace defective parts 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 remainder of the Warranty Period. All products and parts

name and location of which will be given to you by the toll-free number.

or serial number has been altered, tampered with, defaced or removed; Initial installation and installation and removal for repair;
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;

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAILS OF

Enter below the Model No. which is located either on the rear, bottom or side of the cabinet. Retain this information

for future reference. Serial No. Purchase data

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 Signal reception problems and failures due to line power surge;
 Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus (Needle) are covered for 90 days from the date of purchase 8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);

R 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.

Name of dealer

2.0 W (STANDBY mode)

Dynamic range
16 bit: More than 98 dB

Total harmonic distortion: less than 0.009%

Power requirements: AC 110 V to 240 V \sim , 50 Hz/60 Hz Power consumption: 11.0 W (POWER ON),

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