INSTRUCTIONS

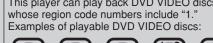
DI DOLBY

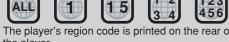




GNT0069-001A[UC] 0306KTC-MW-SC

Region code of DVD VIDEO This player can play back DVD VIDEO discs





Note of Color system format

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

Supplied accessories

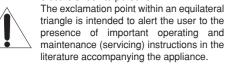
- If anything is missing, consult your dealer
- Audio/video cable (Yellow/White/Red) (x 1) Remote control (x 1)
- R6(SUM-3)/AA(15F) battery (x 2)

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.



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

For U.S.A.

This equipment has been tested and found to comply with 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 of the following lmeasures:

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 Itechnician for help.

For Canada/pour le Canada

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

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQUAU FOND.

CAUTION

ATTENTION

To reduce the risk of electrical shocks, fire, etc.:

- Do not remove screws, covers or cabinet. Do not expose this appliance to rain or moisture.
- 3. The mains plug shall remain readily operable.
- Afin d'éviter tout risque d'électrocution, d'incendie, etc.: 1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil
- 2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

3. La prise secteur doit être opérationnelle Caution — ७/I STANDBY/ON button!

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

Attention — Touche O/I STANDBY/ON!

Déconnecter la fiche de secteur pour couper complètement le courant. La touche மூ STANDBY/ON ne coupe jamais complètement la ligne de secteur, quelle que soit sa position. Le courant peut être télécommandé.

CAUTION

THIS PRODUCT USES A LASER SYSTEM. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF REFER SERVICING TO QUALIFIED PERSONNEL.

ATTENTION:

Basic Operations

>>/ (: Fast forward/backward playback with the

 $\stackrel{\infty}{\longrightarrow}_{1}$: At the beginning of a scene containing multi-

: At the beginning of a scene containing multi-

....: At the beginning of a scene containing multi-

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.")

current speed.

angle views.

subtitles.

audio sounds.

CE PRODUIT UTILISE UN SYSTEME LASER. UN EMPLOI DES COMMANDES, RÉGLAGES OU PROCÉDURES DE PERFORMANCE AUTRE QUE CELUI SPÉCIFIÉ DANS CE DOCUMENT RISQUE D'ENTRAÎNER UNE EXPOSITION DANGEREUSE AUX RAYONNEMENTS NE PAS OUVRIR NI RÉPARER DE VOUS-MÊME. FAIRE APPEL À UN PERSONNEL QUALIFIÉ POUR L'ENTRETIEN.

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

PRODUIT LASER DE CLASSE 1 REPRODUCTION D'ETIQUETTES ETIQUETTE D'AVERTISSEMENT A L'INTERIEUR DE

CAUTION - VISIBLE OR INVISIBLE LASER RADIATION WHEN OPEN.
DO NOT STARE INTO BEAM.

ATTENTION - RAYONNEMENT LASER VISIBLE OU INVISIBLE EN CAS D'OUVERTURE.
NE PAS REGARDER DANS LE FAISCEAU. L041077-002/

CAUTION:

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

ATTENTION:

- Ne bloquez pas les orifices ou les trous de ventilation. (Si les orifices ou les trous de ventilation sont bloqués par un journal un tissu, etc., la chaleur peut ne pas être évacuée correctement de l'appareil.)
- Ne placez aucune source de flamme nue, telle qu'une bougie, sur l'appareil Lors de la mise au rebut des piles, veuillez prendre
- en considération les problèmes de l'environnement et suivre strictement les règles et les lois locales sur la mise au rebut des piles. N'exposez pas cet appareil à la pluie, à l'humidité, à
- un égouttement ou à des éclaboussures et ne placez pas des objets remplis de liquide, tels qu'un vase, sur

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

 Do not expose the player to direct sunlight or place it near a heating device.

Notes on installation

a fire or electrical shock.

- Select a place which is level, dry and neither too hot nor too cold between 5°C and 35°C • Leave sufficient distance between the player and the TV.
- Do not install the player in a place subject to vibrations.
- Do not put heavy objects on the player To prevent malfunction of the player
- There are no user-serviceable parts inside. If anything goes
- wrong, unplug the power cord and consult your dealer 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

• Use a soft cloth. Follow the relevant instructions on

the use of chemically-coated cloths. Do not use benzene, thinner or other organic solvents and

Turning on and off the player

Start/resume normal Playback

• When RESUME is ON or DISC

To resume playback, press ▶

To stop playback completely.

Each time you press ■ 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

during playback, playback is

advanced/reversed at 5 times

interrupted playback.

press ■ again

►►/◄ Fast forward/backward

►►I/I⊲⊲ Skip chapter/track

VARI-PLAY (For DVD Video)

(While paused)

normal speed.

(variable You can change the playback

Slow-motion playback

RESUME, this player memorizes

the position on the disc where you

Buttons To do

II*

disinfectants. These may cause deformation or discoloring

Playable discs

• DVD VIDEO, Audio CD, Video CD, SVCD



- VIDEO format • DivX files on DVD-R/-RW written in the UDF format
- CD-R/RW written in the SVCD, Video CD or Audio CD format

Supported Digital audio formats:

• MP3/JPEG/DivX files on CD-R/RW written in the ISO 9660 format

• If a disc gets dirty, scratched or warped, or due to the disc characteristics or recording conditions, the

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

- player may not be able to play back such discs. The player can play back audio signals recorded in
- MIX-MODE CD, CD-G, CD-EXTRA and CD TEXT. • With some discs. operations may not be possible To play back DTS-encoded DVD VIDEO or DTS-

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.

encoded Audio CD discs correctly, connect the

player to an amplifier with a built-in DTS decoder

- DVD-R/-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.

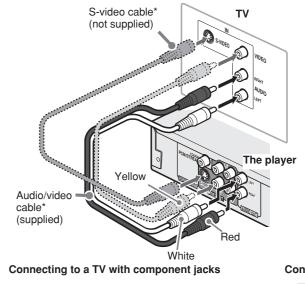
Connections

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



• If your TV has a monaural audio input

to monaural.

instead of stereo, use an optional audio

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

can connect with component (Y, PB, PR)

jacks. By connecting with component (Y.

progressive scanning mode which provides

The S-VIDEO jack and component (Y, PB,

PR) jacks cannot be used at the same time.

connect the component (Y, PB, PR) jacks

When using the S-VIDEO jack, do not

PB, PR) jacks, you can select the

the best picture quality.

with the player.

cable which converts stereo audio output



To switch the scanning mode between Progressive and decoder or an amplifier with a built-in decoder Interlace, press and hold VFP-I/P on the remote control

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

for a few seconds

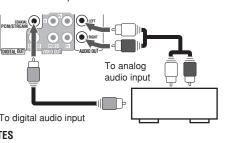
- correctly. • When using the component (Y, PB, PR) jacks, do not
- connect the S-VIDEO jack with the player.

To component video input

•	out 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]					

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

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



 Depending on the disc, no signal may be outputted from the DIGITAL OUT. Make an analog connection in this case • Set [DIGITAL AUDIO OUTPUT] in the [AUDIO]

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

Changing the picture tone (VFP)

picture character according to the type

Press
√ to select the desired

NORMAL For watching TV in a general

suppressed light.

USER1 You can adjust parameters

software in a room with

character and store the

CINEMA For watching a movie

USER2 that affect the picture

Selected

Parameter

Preset

he VFP (Video Fine Processor)

unction allows you to adjust the

of programming, picture tone or

personal preferences.

GAMMA | MID

CONTRAST

SATURATION

Y DELAY

Press VFP-I/P.

preset.

USER 1

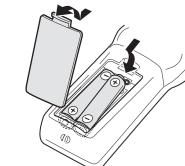
Turning on the power

Inserting the AC power plug

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

Installing the batteries in the remote control Open the compartment cover, and place the two

supplied R6(SUM-3)/AA(15F) batteries in the remote control according to the polarity markings ("+" and "-") inside the compartment. Then replace the cover.



The batteries will last about six months with normal use If the functions of the remote control become erratic replace the 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
- Remove dead batteries and dispose of them properly. Never leave dead batteries lying around, take them

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

not going to be used for a long period of time.

• Never touch liquid that has leaked out of a battery. • Do not mix new and old batteries or batteries of different types, when placing them.

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

an incinerator.

Initial setup

EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO SETTING YES - PRESS ENTER NO - PRESS CANCEL

follows:



MONITOR TYPE	16:9	$\overline{}$
PICTURE SOURCE	4:3 LB	
SCREEN SAVER	4:3 PS	_₩
BACKGROUND	STANDARD	$\overline{}$

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

	A 🔳 🚳 🌶
DVD PLAYER SETUP	
DIGITAL AUDIO OUTPUT	2004 00017
ANALOG DOWNMIX	PCM ONLY DOLBY DIGITAL/PCM
D.RANGE CONTROL	STREAM/PCM
OUTPUT LEVEL	STANDARD

signal type, then press ENTER.

- (If you do not connect the player to such a device, press ENTER to finish the setting.)
- Receiver/decoder bearing both Dolby Digital and DTS logos, select "STREAM/PCM." Receiver/decoder bearing neither Dolby Digital nor

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

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

Before enjoying this player, make the initial settings as

1 Press ENTER

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

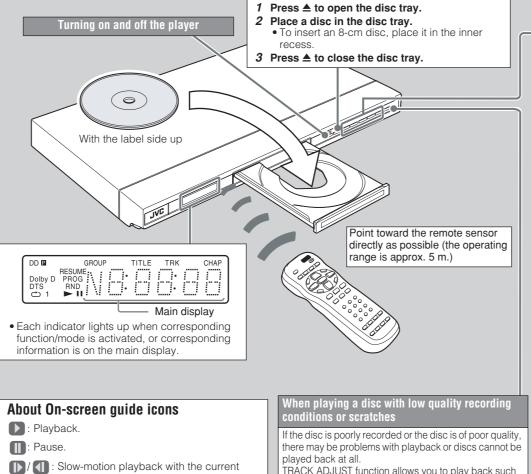
2 Press ▲/▼ to select the on-screen language for

OVD PLAYER SETUP		
MONITOR TYPE	16:9	\neg
PICTURE SOURCE	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
- 4 Press ▲/▼ to select a desired digital output Set this item correctly according to the logo on your receiver or decoder
- Receiver/decoder bearing Dolby Digital logo and no DTS, select "DOLBY DIGITAL/PCM."

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



6

Insert a disc

TRÁCK ADJUST function allows you to play back such discs with better quality

TRACK ADJUST OFF → TRACK ADJUST MODE 1 → TRACK ADJUST MODE 2

TRACK ADJUST OFF. Opening the disc tray will set the function to off. This function is not available for some discs.

ADJUST mode before you close the tray.

Each time you press **TRACK ADJUST**, the mode of the function appears on the TV screen and changes as

Select TRACK ADJUST MODE 1 or MODE 2 which gives return to the normal playback mode, select

If the disc cannot be played back, try to set the TRACK

playback) speed with the sound (except for DTS) and subtitles. To playback 1.2 or 1.5 times faster, press VARI-PLAY on the player or ▶► on the remote control. To playback 0.8 or 0.6 times slower. press ▶► on the remote control

while playback is paused.

(For SVCD/VCD) The disc is played back at about 2 times faster than normal. (Only for DVD Video) The playback position moves back 0 seconds before the current

▶ II on the player starts/pauses playback

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

the display window.

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

cating the beginning of a scer You can select a title/chapter/ rack directly and start playback

For DVD Video: (While stopped) select title. While playing back) select For SVCD/VCD/CD:

elect track o select 5: press 5. select 23: press 2, then 3 o select 40: press 4, then 0 If you press TITLE/GROUP before entering the number, you

chapter

can select the title instead of the

You can operate a disc—SVCD/ VCD with Playback Control* using the disc menu shown on the TV screen. * A method of controlling disc play for SVCD/VCD by using the disc

show the menu.

■ For DVD

OPEN/ CLOSE

- SLOW + DISPLAY ON SCREE

■ ENTER

1 2 3

4 5 6

7 8 9

® 0 0

GROUP EFFECT VFP DIMMER

ANGLE SUBTITLE AUDIO ZOOM

JVC

Press TOP MENU or MENU to show the disc menu. 2 Press ▲/▼/◄/► to select a desired item, then press ENTER or ► (SELECT). • With some discs, you can also select items by entering the

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

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

While stopped, press the numeric buttons instead of ►

Press the numeric buttons to select a desired item. To select 5: press 5. To select 23: press 2, then 3.

press ▶▶I or I◄◄. • To return to the previous menu, press RETURN. To play back without PBC

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

To select 40: press 4, then 0

SELECT) to start playback. To reactivate PBC • Press TOP MENU or MENU.

Advanced Operations

Changing the language, sound and scene angle 1 Press the button. 2 Press the button repeatedly or ▲/▼ to select the desired item.

AUDIO For DVD Video: select audio language For SVCD/VCD: select the audio channel SUBTITLE select the subtitle select the view-angle. ANGLE

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

Zooming the picture Each time you press **ZOOM**, the magnification changes

move the zoomed position.

ZOOM repeatedly.

To return to the normal playback,

select the normal size by pressing

You can use ▲/▼/̄
 button to

To adjust the picture tone

1 Select "USER1" or "USER2."

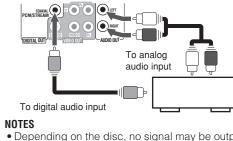
2 Press ▲/▼ to select a parameter, then press ENTER.

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). Adjust this if the appearance of flesh tone is

overlapped (-2 to +2).

Connecting to a stereo audio amplifier (receiver



OPEN/ CLOSE

- SLOW + DISPLAY ON SCREE

THUMEN LIS

■ ENTER ▶

PREVIOUS SELECT NEXT

1 2 3

4 5 6

GROUP SOUND FFECT VFP MMER

ANGLE SUBTITLE AUDIO ZOON

UVU

9

Ö

7 8

© 0

3 Press ENTER to finish the

setting.

Buttons To do

Changing the Sound Field

• As the value becomes bigger, the Sound Effect works stronger

brightness of dark and bright portion is maintained (LŎW/MID/HIGH).

Adjust this if the picture is whitish or blackish (-16 (blackest) to +16 (whitest)).

Adjust this if the picture looks separately/

4 Repeat step 2 and 3 to adjust other parameters.

ettings as a user preset See below.

Adjust this if the neutral color is bright or dark. The

unnatural (-16 to +16). **SHARPNESS** Adjust this if the picture is indistinct (LOW/HIGH).

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

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

position (only within the same title).

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.





Elapsed time of current chapter (DVD) or track (CD/VCD/SVCD) To dismiss the menu bar and the status bar, press ON Remaining time of current chapter (DVD) or

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.

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

Menu bar functions TIME | selects the time mode shown in the display window and the status bar.

• TOTAL: Elapsed time of current title (DVD) or a disc

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

(Except for DVD: while stopped, disc total

(while stopped, current track total time)

Current track repeat (CD/VCD/SVCD)

All track repeat (CD/VCD/SVCD)

A-B repeat (During playback). After

selecting A-B, press ENTER at the

In any condition except program or

ENTER again at the end point.

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

VCD/SVCD: In any condition except PBC or program

beginning point of repeat, then press

Repeat mode deactivated. Select this to

(CD/VCD/SVCD)

(CD/VCD/SVCD)

selects repeat mode.

TRACK:

(DVD only)

A-B:

track (CD/VCD/SVCD)

During playback

In any condition

• CHAPTER: Current chapter repeat (DVD)

quit repeat mode.

In any condition

random playback

or random playback

CHAP. ⇒ specifies a chapter to play back from

disc (CD/VCD/SVCD) by the time.

VCD/SVCD: In any condition except PBC playback

Current title repeat (DVD)

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

track (DVD), or audio channel (VCD/SVCD) during

selects the audio language (DVD), sound

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

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

1. After selecting PROG. icon, press the numeric

buttons to specify tracks in the desired order. the track to be corrected, then press CANCEL. The track is erased and the subsequent programmed tracks move up.

Pressing ■ clears all the programmed tracks. Press ►(SELECT) to start program playback. • During program playback, you cannot edit the

• To exit the program mode, press ON SCREEN after clearing the program.

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

After selecting RND. icon, press ENTER.

The player starts random playback.

Audio/Video files playback

You can play back MP3/JPEG files on a CD/CD-R/RW and DivX files recorded on CD-R/RW, DVD-R/-RW.

Precautions

• Use "ISO 9660" as the disc format. • The player does not support MP3/JPEG discs

recorded with "packet writing" (UDF files).

bar to playback mode. 2. Press ENTER repeatedly to select the desired repeat • The player supports discs recorded with up to five multiple sessions.

• The player may be unable to play back a disc due to • REPEAT GROUP: Repeats all files in the current the characteristics or recording conditions. The player recognizes up to the fifth layer of groups,

 REPEAT ALL: Repeats all files on the disc. 999 files per group (including unplayable files), and up to 250 groups per disc.

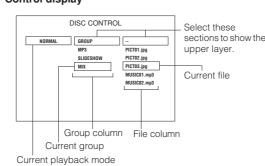
 Add the appropriate extension (Ex: ".mp3," ".ipg," ".avi," and ".divx") to the file name.

• 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).

• The player supports the DivX files whose resolution is 720 x 480 pixels or less (30 fps), and 720 x 576 pixels or less (25 fps).

Selecting a specific file or group

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



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

 For JPEG files, only the selected file is played back when you press ENTER.

Various playback mode To play back a disc continuously, select NORMAL.

Repeat playback

- 1. While stopped, press ▲/▼/◄/▶ to move the cursor
- REPEAT 1: Repeats the current file.
- 3. Press ▶ to move the cursor bar to the file column, then press ►(SELECT).

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

Random playback

- bar to playback mode. 2. Press ENTER repeatedly to select RANDOM.
- 3. Press ▶ to move the cursor bar to the file column, then press \triangleright (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
- 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. Press ►(SELECT).

To zoom in a picture Press ZOOM

Each time you press ZOOM, the magnification is changed-

- x1.5/x2 for JPEG files

- x2 for DivX files

This function is not available for some JPEG files depending on their resolution size and JPEG format.

To rotate/reflect a still picture

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

While a still picture is played back:

Pressing
 /▶ rotates the picture by 90°

To select a JPEG file from the thumbnail list 1. Press and hold 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

"REGION CODE ERROR!" is shown on the TV. Press ►(SELECT) while a JPEG file is selected on the Control display. the disc jacket.

 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 from 11 effects, random effect selection (RAND), and no effect (NONE).

The effect is not applied to progressive JPEG files.

Playing back a DivX file with an associated

- 1. Load a disc containing a DivX file and associated subtitle file.
- 2. Press ▲/▼/◄/► to select the subtitle file, then press SUBTITLE.
- "DIVX SUBTITLE SELECTED" appears on the Control display.
- 3. Press ▲/▼ to select the DivX file you want to play, then press ENTER or ▶ to start playback.
- 4. During playback, press SUBTITLE on the remote control to select appropriate language code from the
- following: LANGUAGE 1. LANGUAGE 2, LANGUAGE 3, LANGUAGE 4, LANGUAGE 5

Some subtitle files can not be displayed correctly even if you press SUBTITLE to change the setting.

NOTES

• The following formats of subtitle files are available for this player:

".ass," ".psb," ".smi," ".ssa," ".sri," ".srt," ".sub," ".txt" Some subtitle files are not available even if their

formats are the ones listed above. A DivX file and its associated subtitle file should be in the same folder.

ML Malayalam

Troubleshooting

Power does not come on. → Power plug is not inserted securely. Plug in securely

Operation

Operation is not possible.

turn it on a few hours later

and the disc tray does not open.

Picture is noisy.

[VIDEO (ACTIVE)].

with better quality

Picture is distorted when using

[LOCK] is displayed on the display window

→ 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.

→ 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

Set [PICTURE SOURCE] to [VIDEO (NORMAL)] or

[PICTURE SOURCE] is set to [FILM] or [AUTO].

→ The disc may be poorly recorded or scratched. Try

component (Y, PB, PR) or S-VIDEO jack(s).

→ Both the component connection and S-video

to use the TRACK ADJUST function to play back

connection are made. Disconnect the unused one.

→ Region code of the inserted disc does not match the player. Check the region code of the disc printed on DVD VIDEO disc playback sound level is lower

than TV broadcast sound level. → Microcomputer malfunction due to lightning or static → Set the [D.RANGE CONTROL] preference to [TV electricity. Turn off the power and unplug the power cord, then connect the power cord again.

- → Moisture condensation caused by a sudden change Analog audio output is distorted. of temperature or humidity. Turn off the power, then → Set the [OUTPUT LEVEL] preference to [LOW]. → The disc does not allow the operation, or an
- unplayable disc is inserted. Check and replace the

MODE1.

MP3/JPEG/DivX

No sound and/or no picture comes out. → MP3/JPEG disc is recorded with the "packet writing

(UDF file)." It cannot be played. Check the files you want to play back

No picture is displayed on the TV screen or the

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

screen is blurred or divided into two parts.

→ The player is in the progressive scanning mode

using the VFP - I/P button.

Files (tracks) are not played in the recorded

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

So, the playback order can vary. DivX files are played back without sound.

CODEC when making DivX files.

→ This player can play back the MP3 sound for the audio part of the DivX files. Select the proper audio

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Initial settings You can change the settings of this player according to

5 Press **▲**/**▼** to select the options, then press

your preferences and playing environment.

- How to set the Initial settings
- 1 Press SET UP.
- 2 Press **◄/►** to select the menu.
- 4 Press ENTER.

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

- During MP3 files playback, you cannot show the
- If the upper and lower parts of the menu are cut off, adjust the picture size control of the TV. • For settings of the LANGUAGE menu, see also codes
- 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	You can select "ENGLISH," "FRENCH," or "SPANISH" as the on-screen language.

iten	•	
MONITOR TY	PE	You c
16:9	4:3 LB	discs
4:3 PS		[16:9] [4:3 L pi [4:3 P
The second second		

PICTURE SOURCE

FILM1: For a film source disc. VIDEO (NORMAL)]: For a video source disc with relatively a few movements. VIDEO (ACTIVE)]: For a video source disc with relatively a lot of movements. SCREEN SAVER You can set the screen saver function to ON or OFF. BACKGROUND

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image is displayed on the TV.

To dismiss a preference display

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

LANGUAGE menu

PICTURE menu can select the monitor type to match your TV when you play back DVD VIDEO

recorded for wide-screen televisions.] (Wide television screen): For a wide-screen (16:9) TV. LB] (Letter Box conversion): For a normal (4:3) TV. Displays a wide-screen sicture to fit the width of the TV screen keeping the aspect ratio.

PS] (Pan Scan conversion): For a normal (4:3) TV. The picture is zoomed up

Contents

filling the screen vertically and the left and right sides of the picture are cut of You can obtain optimal picture quality by selecting the source type of the disc

[AUTO]: Normally, select this option. The player recognizes the picture type (film or video source) of the current disc according to the disc information.

You can use your favorite image as the opening display. [STANDARD]: Display the JVC original image. USER]: Display your favorite image as the opening display when a JPEG image is

[SAVE AS BACKGROUND]: To register a new image, select this while a JPEG

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].

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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 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. The TRACK ADJUST MODE selected for the disc will be resumed as well.
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.
DIVX REGISTRATION	You can confirm of your player's Registration Code for DivX playback. Once you played back a disc created by using the Registration Code, the player's code is overwritten by a totally different new one for copyright protection purpose.

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

General

(CD-DA), CD-R/RW (CD-DA, SVCD, Video CD, MP3

format, JPEG, DivX) Video format: NTSC, 480i/480p selectable

Power consumption. 11.0 W (POWER ON), 1.0 W (STANDBY mode)

435 mm x 44 mm x 201.5 mm

Video outputs Component (pin jacks)

VIDEO (pin jack): 1.0 Vp-p (75 Ω) S-VIDEÖ (Ś jack) *Y Output:* 1.0 Vp-p (75 Ω)

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

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

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

Readable discs: DVD VIDEO, DVD-R/-RW (Video format and DivX), +R/+RW (Video format), SVCD, Video CD, Audio CD

Other Power requirements: AC 120 V ∼, 60 Hz

Mass: 1.5 kg Dimensions (W x H x D):

Y Output: 1.0 Vp-p (75 Ω) PB/PR Output: 0.7 Vp-p (75 Ω)

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

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%)

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trademarks of DivX, Inc. and are used under license. Official DivX® Certified product • Plays all versions of DivX® video (including DivX® 6)

with standard playback of DivX® media files • 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

14 15 16

IN Indonesian