INSTRUCTIONS

EN EN 1104MOC-MW-SC ©2005 Victor Company of Japan, Limited

VIDEO DIGITAL OUT DIGITAL OUT

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



Note of Color system format

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

Supplied accessories

If anything is missing, consult your dealer

• R6(SUM-3)/AA(15F) battery (x 2)

 Audio/video cable (Yellow/White/Red) (x 1) Remote control (x 1)

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

ELECTRIC 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 loart 15 of the FCC Rules. These limits are designed to provide reasonable

protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications However, there is no guarantee that interference will not occur in a particular installation. If this equipment Idoes 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 Ifollowing 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 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.

For Canada/pour le Canada

HIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS ORM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS. CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR: "APPAREILS NUMERIQUES". NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

CAUTION

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

ATTENTION

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.

Caution — O/I STANDBY/ON button!

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

Attention — Touche O/ISTANDBY/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

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

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.

function/mode is activated, or corresponding

information is on the main display.

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. ATTENTION - RAYONNEMENT LASER VISIBLE 00 1111. NE PAS REGARDER DANS LE FAISCEAU.

CAUTION

- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed
- 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 l'appareil.

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
- 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.

the power cord is connected to the wall outlet.

- 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 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

hairpins, coins, etc. into 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,
- Do not block the vents. Blocking the vents may damage the player.

Turning on and off the player

Basic playback

To clean the cabinet

• Use a soft cloth. Follow the relevant instructions on the use of chemically-coated cloths.

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

Playable discs

• DVD VIDEO, Audio CD, Video CD, SVCD Video CD CO SINCE SUPER VICE

- DVD-R/-RW written in the DVD VIDEO format • CD-R/RW written in the SVCD, Video CD or Audio CD format • CD-R/RW written in MP3/JPEG in accordance with
- the "ISO 9660" format Supported Digital audio formats:

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

- 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

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

Otherwise, playback sound will be distorted.

- 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

Changing the display window contents

Each time you press DISPLAY,

the display window contents

1 While stopped, press TOP MENU or ▶ (SELECT) to

2 Press the numeric buttons to select a desired item.

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

To return to the previous menu, press RETURN.

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

While stopped, press the numeric buttons instead of ►

show the menu.

press ▶►I or I◄◄.

To reactivate PBC

To select 5: press 5

To play back without PBC

(SELECT) to start playback.

• Press TOP MENU or MENU.

To select 23: press 2, then 3.

To select 40: press 4, then 0.

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

ΤV

The playe

instead of stereo, use an optional audio cable which converts stereo audio output to monaural. • If your TV is a HDTV or HD-ready TV, you can connect with component (Y, PB, PR) jacks. By connecting with component (Y, PB, PR) jacks, you can select the progressive scanning mode which provides the best picture quality.

• If your TV has a monaural audio input

The S-VIDEO jack and component (Y, PB, PR) jacks cannot be used at the same time When using the S-VIDEO jack, do not connect the component (Y, PB, PR) jacks with the player.

Connecting to a TV with component jacks Connecting to a stereo audio amplifier (receiver)



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

NOTES

Connections

Basic Connection

Audio/video

(supplied)

cable*

S-video cable

(not supplied)

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

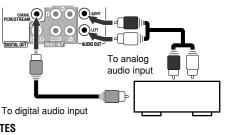
About the scanning mode marcator										
[PICTURE SOURCE] of	Source type	of DVD VIDEO								
the PICTURE menu	Film source	Video source								
AUTO	[DDP]	[P]								
FILM	[DDP]	[DDP]								
VIDEO(NORMAL)/ (ACTIVE)	[P]	[P]								

NOTE

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 cente



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 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)

he VFP (Video Fine Processor)

function allows you to adjust the

of programming, picture tone or

personal preferences.

Press VFP-I/P.

preset.

USER 1

GAMMA

CONTRAST

SATURATION

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

ettings as a user preset

CINEMA For watching a movie

USER2 that affect the picture

See below

Selected

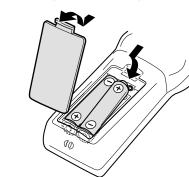
Preset

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

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 an incinerator.

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

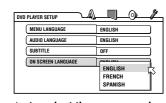
• Do not mix new and old batteries, or batteries of

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

Press U/ISTANDBY/ON.

Initial setup

follows:



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

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

DIGITAL AUDIO OUTPUT	2001 01111
ANALOG DOWNMIX	PCM ONLY DOLBY DIGITAL/PCM
D.RANGE CONTROL	STREAM/PCM
OUTPUT LEVEL	STANDARD

signal type, then press ENTER.

receiver or decoder. (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

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

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

5

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

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

Before enjoying this player, make the initial settings as

1 Press ENTER

	m ^ 4
DVD PLAYER SETUP	
MENU LANGUAGE	ENGLISH
AUDIO LANGUAGE	ENGLISH
SUBTITLE	OFF
ON SCREEN LANGUAGE	ENGLISH FRENCH SPANISH

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

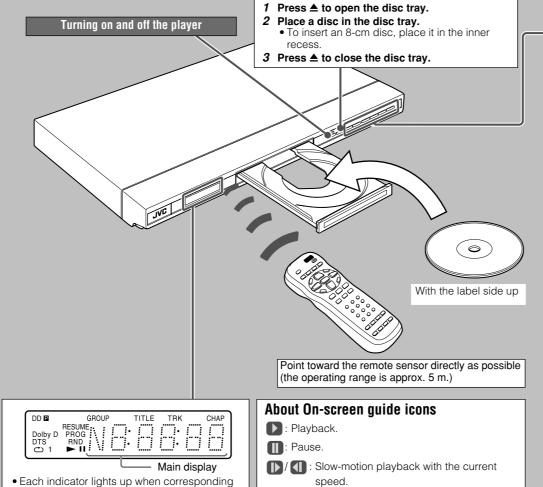
DVD PLAYER SETUP	
MONITOR TYPE	16:9
PICTURE SOURCE	16:9 4:3 LB
SCREEN SAVER	4:3 PS
BACKGROUND	STANDARD

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

4 Press ▲/▼ to select a desired digital output Set this item correctly according to the logo on your

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

Press SET UP for a few seconds until the DVD PLAYER



current speed.

): 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

"ON SCREEN GUIDE" in "Initial settings.")

guide icons do not appear on the TV screen. (See

angle views.

subtitles.

audio sounds.

Insert a disc

II* (While paused) normal speed. times (FAST)/0.5 times (SLOW) normal speed. >>/ : Fast forward/backward playback with the 5 At the beginning of a scene containing multi-

Buttons To do

Locating the beginning of a scene Start/resume normal Playback **■** ENTER You can select a title/chapter/ • When RESUME is ON or DISC track directly and start playback For DVD Video: RESUME, this player memorizes (While stopped) select title. the position on the disc where (While playing back) select vou interrupted playback. To resume playback, press ► For SVCD/VCD/CD: To stop playback completely. 1 2 3 elect track press ■ again 4 5 6 o select 5: press 5 select 23: press 2, then 3 Each time you press II on the 7 8 9 remote control, the still picture o select 40: press 4, then 0. If you press TITLE/GROUP advances to the next frame. before entering the number, you ►►/◄■ Fast forward/backward can select the title instead of the GROUP EFFECT VFP DIMMER chapter. Slow-motion playback ANGLE SUBTITLE AUDIO ZOOM Each time you press the button Using the disc menu the playback speed changes You can operate a disc—SVCD/ ►►I/I<- | Skip chapter/track VCD with Playback Control* If you press and hold the button during playback, playback is PBC)—using the disc menu shown on the TV screen. advanced/reversed at 5 times * A method of controlling disc play for SVCD/VCD by using the disc VARI-PLAY (For DVD Video) (variable | The disc is played back at about ■ For DVD **playback)** 1.2 or 1.5 times (FAST)/0.8 or 0.6 times (SLOW) normal speed. 1 Press TOP MENU or MENU to show the disc menu. The sound is not muted, and the 2 Press ▲/▼/◄/► to select a desired item, then press subtitle does not go off (except for ENTER or ► (SELECT). • With some discs, you can also select items by entering the number using the numeric buttons. (For SVCD/VCD) ■ For SVCD/VCD The disc is played back at about 2

3

- SLOW + DISPLAY ON SCREEN

(Only for DVD Video) The playback position moves back 10 seconds before the

* ►II on the player starts/pauses playback.

same title).

current position (only within the

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

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

Buttons To do AUDIO For DVD Video: select audio language For SVCD/VCD: select the audio channel. SUBTITLE | select the subtitle.

select the view-angle.

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

 You can use ▲/▼/◄/► button to move the zoomed position. To return to the normal playback, select the normal size by pressing **ZOOM** repeatedly.

Advanced Operations

Press ENTER to finish the setting

Changing the Sound Field

ANGLE

EFFECT, the Sound Effect mode • As the value becomes bigger, the Sound Effect works stronger.

Each time you press **SOUND**

To adjust the picture tone

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

- SLOW + DISPLAY ON SCREE

TOP MENU THUM

ENTER D

PREVIOUS SELECT NEXT

□ □

1 2 3

4 5 6

7 8 9

GROUP SOUND EFFECT VFP IMMER

ANGLE SUBTITLE AUDIO ZOOM

UVC

© 0

Ö

Adjust this if the neutral color is bright or dark. The brightness of dark and bright portion is maintained (LŎW/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/HIGH). Adjust this if the picture looks separately/

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

overlapped (-2 to +2).

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

8

You can use various functions from the menu bar.

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



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

Basic operation procedure

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.

1 Press </▶ to select the icon you want to work with.

(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.

track (CD/VCD/SVCD)

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 repeat mode.

• TRACK:

(DVD only).

ALL:

• A-B:

Remaining time of current chapter (DVD) or

Current track repeat (CD/VCD/SVCD)

A-B repeat (During playback). After

beginning point of repeat, then press

In any condition except program or

Repeat mode deactivated. Select this to

selecting A-B, press ENTER at the

ENTER again at the end point.

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

VCD/SVCD: In any condition except PBC or program

All track repeat (CD/VCD/SVCD)

(while stopped, current track total time)

• TOTAL: Elapsed time of current title (DVD) or a disc selects the subtitle language (DVD) or (CD/VCD/SVCD) • T.REM: Remaining time of current title (DVD) or a disc subtitle (SVCD) during playback. (CD/VCD/SVCD)

selects a desired scene angle in a multi-(Except for DVD: while stopped, disc total angle part (DVD only). • TIME: Elapsed time of current chapter (DVD) or

PROG. specifies the playback order of tracks while

selects the audio language (DVD), sound

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

1. After selecting PROG. icon, press the numeric

stopped (unavailable for DVD). You can program up to

buttons to specify tracks in the desired order. To correct the program, press ▲/▼ to move

 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. Press ►(SELECT) to start program playback. • During program playback, you cannot edit the

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

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

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

Audio/Video files playback

You can play back MP3/JPEG files on a CD/CD-R/RW. Various playback mode To play back a disc continuously, select NORMAL.

Precautions • Use "ISO 9660" as the disc format.

up to 250 groups per disc.

pixels (progressive JPEG).

Control display on the TV screen.

Current group

file, then press ►(SELECT).

played back (except for MP3 files).

Current playback mode

10

MP3i and MP3 Pro are not available.

Selecting a specific file or group

You can select files or folders (groups) using the

Group column File column

Press ▲/▼/◄/▶ to move the cursor bar to a desired

• When you press ENTER, only the selected file is

the file name

Control display

 The player does not support "packet writing (UDF) files)" discs.

The player cannot play back a picture of more than

5120 x 3413 pixels (baseline JPEG) or 2048 x 1536

Select these

upper layer.

Current file

sections to show the

- bar to playback mode. • The player supports discs recorded with up to five 2. Press ENTER repeatedly to select the desired repeat multiple sessions. • The player may be unable to play back a disc due to
- REPEAT 1: Repeats the current file. the characteristics or recording conditions. • REPEAT GROUP: Repeats all files in the current The player recognizes up to the fifth layer of groups.
- 999 files per group (including unplayable files), and • REPEAT ALL: Repeats all files on the disc. 3. Press ► to move the cursor bar to the file column, Add the appropriate extension (".mp3" and ".jpg") to

then press ►(SELECT).

then press \triangleright (SELECT).

Repeat playback

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

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

bar to playback mode.

2. Press ENTER repeatedly to select RANDOM. 3. Press ► to move the cursor bar to the file column,

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. move the cursor bar to the programmed files column, then press CANCEL.

5. Press ►(SELECT).

Troubleshooting

Various JPEG files playback

To rotate/reflect a still picture

Pressing
 In the picture by 90°

Pressing ▲ reflects the picture vertically.

is selected on the Control display.

Slide show playback of JPEG files

press ENTER.

Control display.

pressing I◄◄/►►I.

To select slide show effect

appears on the TV screen.

Pressing ▼ reflects the picture horizontally

While a still picture is played back

Each time you press ZOOM, you can magnify a JPEG

This function is not available for some JPEG files

depending on their resolution size and JPEG format.

To select a JPEG files from the thumbnail list

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

• You can change the page of thumbnail list by

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

Press and hold ANGLE-SLIDE EFFECT until

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

[SLIDE EFFECT MODE:] and the current mode

By pressing and holding the button repeatedly, you

can select the effect from 11 effects, random effect

The effect is not applied to progressive JPEG files.

1. Press and hold THUMBNAIL/LIST while a JPEG file

To zoom in a picture

Press ZOOM.

file (x1.5/x2).

Power

Power does not come on.

→ Power plug is not inserted securely. Plug in securely

Operation

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

the disc jacket. Operation is not possible.

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

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

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

Picture

Picture is noisy.

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

Picture is distorted when using component (Y, PB, PR) or S-VIDEO jack(s).

→ Both the component connection and S-video connection are made. Disconnect the unused one.

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

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

using the VFP - I/P button.

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

How to set the Initial settings

Initial settings

- 1 Press SET UP. 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

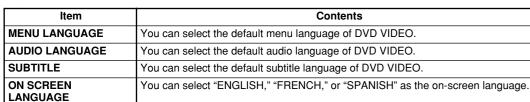
LANGUAGE menu

To dismiss a preference display

Press SET UP

- NOTES Som play
- Duri mer • If the
- adju • For PAF
- Dep

corr



PICTURE menu

MONITOR TYPE	You can select the monitor type to match your TV when you play back DVD VIDEO
16:9 4:3 LB	 discs recorded for wide-screen televisions. [16:9] (Wide television screen): For a wide-screen (16:9) TV. [4:3 LB] (Letter Box conversion): For a normal (4:3) TV. Displays a wide-screen picture to fit the width of the TV screen keeping the aspect ratio. [4:3 PS] (Pan Scan conversion): For a normal (4:3) TV. The picture is zoomed up to filling the screen vertically and the left and right sides of the picture are cut off
PICTURE SOURCE	You can obtain optimal picture quality by selecting the source type of the disc contents. [AUTO]: Normally, select this option. The player recognizes the picture type (film or video source) of the current disc according to the disc information. [FILM]: 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	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 registered. [SAVE AS BACKGROUND]: To register a new image, select this while a JPEG image is displayed on the TV.

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AUDIO menu

me items in the menus cannot be changed during									
ayback. Iring MP3 files playback, you cannot show the	Item	Contents							
thing the silies playback, you cannot show the enus. the upper and lower parts of the menu are cut off, lijust the picture size control of the TV. It settings of the LANGUAGE menu or the ARENTAL LOCK menu, see also "Language codes"	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.							
elow. epending on the disc, the settings may not apply rrectly.	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.							
Contents		[NORMAL]: Normally, select this. [TV MODE]: Select this if the sound level of DVD VIDEO is lower than the one of TV							
anguage of DVD VIDEO.		program to make the sound at a lower volume clear.							

OTHERS menu

OUTPUT LEVEL

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.
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.
PARENTAL LOCK PARENTAL LOCK COUNTRY CODE EX SET LEVEL FASSIGNO EXT EXT T T T T T T T T T T T T	Select this item, then press ENTER to show the PARENTAL LOCK menu for limiting playback by children. Scenes which are limited by this function are not played or replaced with other scenes. [COUNTRY CODE]: Select the code of your country/area. [SET LEVEL]: Select the level of restriction. ("1" is the strictest.) [PASSWORD]: Enter your 4-digit password by pressing the numeric buttons (0 to 9). [EXIT]: Select this and press ENTER to go back to the OTHERS menu. Notes: • Some DVD VIDEO cannot be played by this function. If you try to play such a disc, the PARENTAL LOCK menu appears on the TV and asks whether you want to release the lock or not. To release the lock and play, select "TEMPORARY RELEASE," press ENTER, then enter your password. Otherwise, eject the disc. • To change the setting of the limitation, you need to enter your password. • If you forget your password, enter "8888."

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].

Country/Area code list for Parental Lock

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

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

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

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by Macrovision. Reverse engineering or disassembly

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) Mass: 1.5 kg

Dimensions (W x H x D): 435 mm x 44 mm x 201.5 mm

Video outputs

Component (pin jacks)

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

Y Output: 1.0 Vp-p (75 Ω) C Output: 286 mVp-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 Wow and flutter: Unmeasurable (less than ± 0.002%) Total harmonic distortion: less than 0.009%

DVD VIDEO disc playback sound level is lower than TV broadcast sound level. → Set the [D.RANGE CONTROL] preference to [TV

Analog audio output is distorted.

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

MP3/JPEG

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. Files (tracks) are not played in the recorded

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

14 15 16