

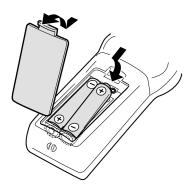
# Turning on the power

# 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.

#### 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.
- 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

# Warnings, Cautions and Others

#### IMPORTANT for the U.K. **DO NOT** cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an

appropriate safety approved extension lead or consult your BE SURE to replace the fuse only with an identical approve type, as originally fitted. If nonetheless the mains plug is cut off ensure to remove th

fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply. If this product is not supplied fitted with a mains plug the follow the instructions given below

#### IMPORTANT. DO NOT make any connection to the terminal which is marked

with the letter E or by the safety earth symbol or coloured reen or green-and-yellow he wires in the mains lead on this product are coloured in

cordance with the following code: Blue : Neutral Brown : Live

As these colours may not correspond with the coloured narkings identifying the terminals in your plug proceed as

follows The wire which is coloured blue must be connected to the erminal which is marked with the letter N or coloured black The wire which is coloured brown must be connected to the erminal which is marked with the letter L or coloured red.

IF IN DOUBT - CONSULT A COMPETENT ELECTRICIAN.

#### CAUTION

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.

#### Caution - U/I STANDBY/ON button!

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

#### IMPORTANT FOR LASER PRODUCTS

- 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 gualified service personnel.
- 3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct
- exposure to beam. 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

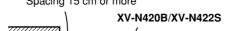
When you turn on the player for the first time after

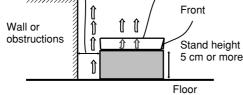
purchase, the following message appears on the TV

EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO

#### CAUTION:

- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. Caution: Proper Ventilation
- To avoid risk of electric shock and fire and to protect from damage, locate the apparatus as follows: Front: No obstructions and open spacing.
- Sides: No obstrucitons in 3 cm from the sides No obstructions in 5 cm from the top. Top:
- Back: No obstrucitons in 15 cm from the back. Bottom: No obstrucitons, place on the level surface. Spacing 15 cm or more





#### Precautions

Notes on the power cord • When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet. A small amount of power (1.0 W) is always consumed while the power cord is connected to the wall outlet.

- When unplugging the player from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands! • Disconnect the power cord before cleaning the
- player or moving the player.
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric
- shock, or other accidents. If the cord is damaged, consult a dealer and have the
- power cord replaced with a new one Avoid moisture, water, dust, and high temperatures
- Do not place the player in moist or dusty places. • If water gets inside the player, turn off the power and
- remove the plug from the wall outlet, then consult your dealer. Using the player in this state may cause a fire or electrical shock.
- Do not expose the player to direct sunlight or place it near a heating device. Notes on installation
- · Select a place which is level, dry and neither too hot 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 disinfectants. These may cause deformation or discolorina.

## Playable discs

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

#### Linear PCM, MPEG Multichannel, Dolby Digital, DTS (Digital Theater Systems)\*

- NOTES • If a disc gets dirty, scratched or warped, or due to the
- disc characteristics or recording conditions, the player may not be able to play back such discs. The player can play back audio signals recorded in
- MIX-MODE CD, CD-G, CD-EXTRA and CD TEXT. With some discs, operations may not be possible.
- \* To play back DTS-encoded DVD VIDEO or DTSencoded Audio CD discs correctly, connect the player to an amplifier with a built-in DTS decoder. Otherwise, playback sound will be distorted.

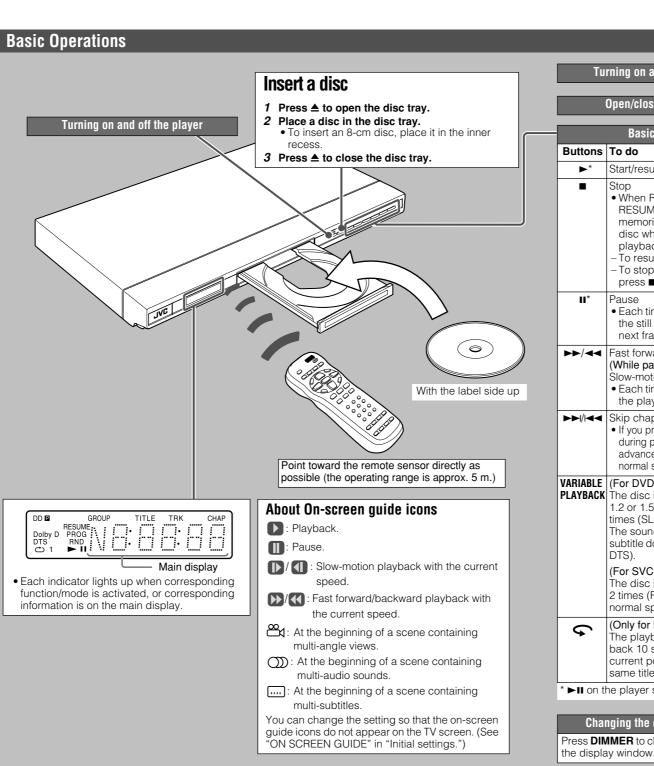
#### Unplayable discs

2

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



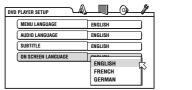
6

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

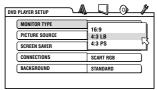
SETTING

Initial setup

1 Press ENTER

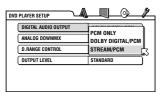


2 Press  $\blacktriangle/\nabla$  to select the on-screen language for the preference displays, etc., then press ENTER.



- 3 Press  $\blacktriangle/\nabla$  to select the monitor type, then press
- For a normal (conventional) TV, select "4:3 LB" or "4:3 PS." (See "MONITOR TYPE" in "Initial

settings." • For a wide-screen TV, select "16:9."



- 4 Press ▲/▼ to select a desired digital output signal type, then press ENTER. Set this item correctly according to the logo on your
- receiver or decoder (If you do not connect the player to such a device,
- press ENTER to finish the setting.) Receiver/decoder bearing Dolby Digital logo and
- no DTS, select "DOLBY DIGITAL/PCM."
- 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 Press SET UP for a few seconds until the DVD PLAYER SETUP display appears.

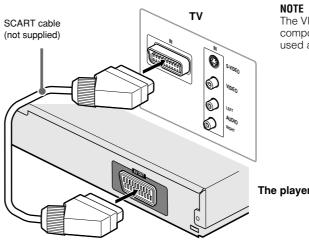
5

## Connections

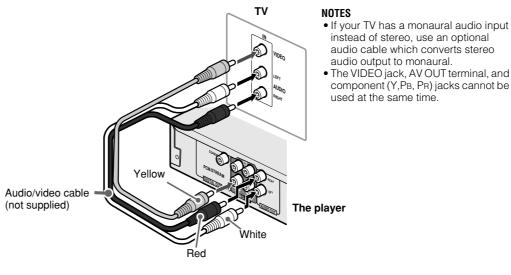
Before making connections:

 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.

Connecting to a TV with SCART connector



Connecting to a TV with composite jacks



The VIDEO jack, AV OUT terminal, and component (Y,PB, PR) jacks cannot be used at the same time

instead of stereo, use an optional

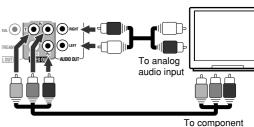
audio cable which converts stereo

component (Y,PB, PR) jacks cannot be

audio output to monaural.

used at the same time.

#### Connecting to a TV with component jacks



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

video input

- Connect to a TV with composite jacks and set [CONNECTIONS] to [VIDEO COMPONENT] before connecting with component jacks. (See
- "CONNECTIONS" in "Initial settings.") • Connect "Y" to "Y," "PB" to "PB(CB)," "PR" to "PR(CR)" correctly
- The VIDEO jack, AV OUT terminal, and component (Y,PB, PR) jacks cannot be used at the same time.

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

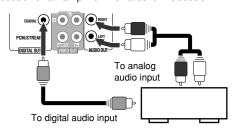
Some progressive TV and High-Definition TV sets are not fully compatible with the player. To check the compatibility of your TV, contact your local JVC customer service center



Connecting to a stereo audio amplifier (receiver)



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



NOTES

- 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.")

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#### Advanced Operations Changing the language, sound Turning on and off the player Changing the picture tone (VFP) Changing the display window and scene angle he VFP (Video Fine Processor) STANDBY/ON Each time you press DISPLAY, Press the button. unction allows you to adjust the Open/close the disc tray STANDBY/ON Press the button repeatedly or ▲/▼ to select the desired item. picture character according to the the display window contents type of programming, picture tone or nanges Basic playback Press ENTER to finish the personal preferences setting Press VFP-I/P. Locating the beginning of a MENU IT Press Start/resume normal Playback scene or song Buttons To do ENTER preset. ENTER You can select a title/chapter/ AUDIO For DVD Video: When RESUME is ON or DISC track directly and start playback select audio language Selected USER 1 RESUME, this player For DVD Video For SVCD/VCD: PREVIOUS SELECT NEXT Preset GAMMA memorizes the position on the (While stopped) select title. select the audio BRIGHTNESS + 4 (While playing back) select disc where you interrupted channel. playback. (■) (■) SUBTITLE | select the subtitle. SATURATION +10 To resume playback, press For SVCD/VCD/CD: 1 2 3 ANGLE select the view-angle. To stop playback completely, 1 2 3 Select track. 4 5 6 SHARPNES press again o select 5: press 5. 4 5 6 789 Y DELAY o select 23: press 2, then 3 Pause 789 **Changing the Sound Field** Paramete o select 40: press 4, then 0. O Each time you press the button. 0 $\otimes$ If you press TITLE/GROUP the still picture advances to the NORMAL For watching TV in a Each time you press **SOUND** GROUP EFFECT VFP before entering the number next frame. general room EFFECT, the Sound Effect mode vou can select the title instead ►►/◄◀ Fast forward/backward **CINEMA** For watching a movie changes. of the chapter. (While paused) • As the value becomes bigger, the software in a room with Slow-motion playback Sound Effect works stronger. suppressed light. Using the disc menu Each time you press the button, USER1 You can adjust JVC the playback speed changes. You can operate a disc—SVCD/ parameters that affect the USER2 VCD with Playback Control\* icture ch (PBC)—using the disc menu If you press and hold the button store the settings as a user shown on the TV screen. during playback, playback is preset. See below Zooming the picture A method of controlling disc advanced/reversed at 5 times To adjust the picture tone play for SVCD/VCD by using the Each time you press **ZOOM**, the normal speed. 1 Select "USER1" or "USER2." disc menu. magnification changes. VARIABLE (For DVD Video) You can use ▲/▼/◄/► button to **2** Press $\blacktriangle/\blacksquare$ to select a parameter, then press ENTER. ■ For DVD PLAYBACK The disc is played back at about move the zoomed position. 1 Press TOP MENU or MENU to show the disc menu. 1.2 or 1.5 times (FAST)/0.8 or 0.6 Adiust this if the neutral color is bright or dark. GAMMA To return to the normal playback, imes (SLOW) normal speed. 2 Press $A/\nabla/\langle \rangle$ to select a desired item, then press The brightness of dark and bright portion is select the normal size by pressing The sound is not muted, and the maintained (LOW/MID/HIGH). ENTER or ► (SELECT). **ZOOM** repeatedly. subtitle does not go off (except for • With some discs, you can also select items by entering the **BRIGHTNESS** Adjust this if the picture is bright or dark on the DTS) number using the numeric buttons. whole (-16 (darkest) to +16 (brightest)). (For SVCD/VCD) ■ For SVCD/VCD The disc is played back at about 2 times (FAST)/0.5 times (SLOW) 1 While stopped, press TOP MENU or ► (SELECT) to CONTRAST Adjust this if the far and near position is unnatural (-12 to +12). show the menu. normal speed. 2 Press the numeric buttons to select a desired item. SATURATION Adjust this if the picture is whitish or blackish (Only for DVD Video) To select 5 press 5 (-16 (blackest) to +16 (whitest)). To select 23: press 2, then 3, The playback position moves TINT Adjust this if the appearance of flesh tone is To select 40: press 4, then 0, back 10 seconds before the • To move to the next or previous page of the current menu. unnatural (-16 to +16). current position (only within the press **I** or **I**. same title). SHARPNESS Adjust this if the picture is indistinct (LOW/HIGH). • To return to the previous menu, press RETURN. \* II on the player starts/pauses playback. Y DELAY Adjust this if the picture looks separately/ To play back without PBC While stopped, press the numeric buttons instead of > overlapped (-2 to +2). (SELECT) to start playback. Changing the display brightness **3** Press $\blacktriangle/\blacksquare$ to adjust the parameter, then press ENTER. To reactivate PBC Press DIMMER to change the brightness of Repeat step 2 and 3 to adjust other parameters. • Press TOP MENU or MENU. 5 Press VFP-I/P to finish the setting. Press ■ to stop playback, then ► (SELECT). 7 8

#### Menu bar functions

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.

## Ex.: Menu bar for DVD VIDEO

DVD=VIDEO 8.5Mbps TITLE 33 CHAP 33 TOTAL 1:25:58

#### TIME OFF ○→ CHAP. → OD 1/3 III 1/5 🗠 1/3 To dismiss the menu bar and the status bar, press ON SCREEN.

## **Basic operation procedure**

- 1 Press </ >

   1 Press 
   It is to select the icon you want to work with.
   2 Press ENTER.
- After pressing ENTER:
- (1) When a pull-down menu appears, press  $\blacktriangle/\nabla$  to select the setting you want, then press ENTER. (2) When a number-entry box appears, use the numeric buttons to enter the number you want, then press ENTER. (3) When changing **TIME** setting, press ENTER
- repeatedly to select the setting you want. NOTES
- The selected item on the menu bar is shown in green. • The available functions differ depending on the player status. Refer to the explanation below to check when you can use a certain function.

#### Menu bar functions

- TIME selects the time mode shown in the display window and the status bar.
- TOTAL: Elapsed time of current title (DVD) or a disc (CD/VCD/SVCD)
- T.REM: Remaining time of current title (DVD) or a disc (CD/VCD/SVCD)
- (Except for DVD: while stopped, disc total time) • TIME: Elapsed time of current chapter (DVD) or track (CD/VCD/SVCD)
- REM: Remaining time of current chapter (DVD) or track (CD/VCD/SVCD) (while stopped, current track total time)

Ċ	selects repeat mode.
DVD:	During playback

	During playback	
CD:	In any condition	

- VCD/SVCD: In any condition except PBC playback
- CHAPTER: Current chapter repeat (DVD) • TITI F Current title repeat (DVD)
- Current track repeat (CD/VCD/SVCD) TRACK:
- AL I · All track repeat (CD/VCD/SVCD) • A-B: A-B repeat (During playback). After selecting A-B, press ENTER at the
- beginning point of repeat, then press ENTER again at the end point.
- Repeat mode deactivated. Select this to OFF<sup>-</sup> quit repeat mode.

# Troubleshootina

# 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.

 $\Rightarrow$  When you press  $\triangleq$  while pressing down  $\blacksquare$  on the player in standby mode, the tray lock function is activated. The disc tray cannot be opened or closed in this status. To release this status, press **A** while pressing down ■ on the player in standby mode.

# Picture

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

#### 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 SCART connector. Observe the display window. If [P] is turned on, the player is in the progressive scanning mode.
- Make the Progressive scanning mode inactive by using the VFP - I/P button.

- ④ ⇒ specifies beginning point of a title (DVD) or a
- disc (CD/VCD/SVCD) by the time. DVD In any condition CD:
- In any condition except program or random playback VCD/SVCD: In any condition except PBC or program
- or random playback
- **CHAP.** Ispecifies a chapter to play back from (DVD only)
- selects the audio language (DVD), sound track (DVD), or audio channel (VCD/SVCD) during playback.
- selects the subtitle language (DVD) or subtitle (SVCD) during playback.
- selects a desired scene angle in a multi-
- angle part (DVD only).
- **PROG.** specifies the playback order of tracks while stopped (unavailable for DVD). You can program up to 99 tracks.
- 1. After selecting PROG. | icon, press the numeric
- buttons to specify tracks in the desired order. To correct the program, press ▲/▼ to move K 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.

DVD VIDEO disc playback sound level is lower

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

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

➡ MP3/WMA/JPEG disc is recorded with the "packet

Files (tracks) are not played in the recorded

➡ This player plays the files in the alphabetic order

→ The file is recorded with a bit rate under 48 kbps.

The player does not support such WMA files.

→ This player can play back the MP3 sound for the

audio part of the DivX files. Select the proper audio

DivX files are played back without sound.

No sound and/or no picture comes out.

writing (UDF file)." It cannot be played

Check the files you want to play back.

So, the playback order can vary

WMA files cannot be played back.

CODEC when making DivX files.

The file is copy protected

than TV broadcast sound level.

Analog audio output is distorted.

MP3/WMA/JPEG/DivX

- RND. activates random playback while stopped (unavailable for DVD).
- After selecting RND. icon, press ENTER. The player starts random playback.

Audio

MODEI

order.

13

# Audio/Video files playback

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

Random playback

Program playback

5. Press ►(SELECT).

To zoom in a picture

- x1.5/x2 for JPEG files

- x2 for DivX files

press ENTER.

Control display.

pressing I

• To select slide show effect

appears on the TV screen.

ENTER.

Press ZOOM

changed-

NOTE

bar to playback mode

bar to playback mode

then press ►(SELECT).

1. While stopped, press  $A/\nabla/\langle A/\rangle$  to move the cursor

. Press ENTER repeatedly to select RANDOM.

2. Press ENTER repeatedly to select PROGRAM.

Each time you press ZOOM, the magnification is

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

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

• 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.

2. Press  $\blacktriangle / \checkmark / \checkmark / \blacktriangleright$  to select the desired picture, then

column, then press CANCEL.

To rotate/reflect a still picture

While a still picture is played back:

is selected on the Control display.

Slide show playback of JPEG files

Pressing 
 rotates the picture by 90°.

Pressing ▲ reflects the picture vertically.

Pressing ▼ reflects the picture horizontally.

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

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

3. Press  $\blacktriangle/ \bigtriangledown/ \checkmark/ \checkmark$  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

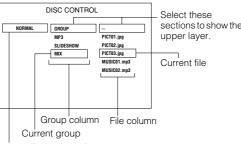
## Precautions

- Use "ISO 9660" as the disc format. • The player does not support "packet writing (UDF files)" discs.
- The player may be unable to play back a disc due to the characteristics or recording conditions.
- The player recognizes up to the fifth layer of groups, 999 files per group (including unplayable files), and up to 250 groups per disc.
- Add the appropriate extension (".mp3", ".jpg",
- ".divx", and ".wma") to the file name.
- MP3i and MP3 Pro are not available • The player supports WMA files recorded with a bit rate
- of 48 kbps or higher. The player cannot play back a picture of more than
- 5120 x 3413 pixels (baseline JPEG) or 2048 x 1536 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



Current playback mode

Press A/V/A to move the cursor bar to a desired file, then press ►(SELECT).

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

# Various playback mode

- To play back a disc continuously, select NORMAL. Repeat playback
- 1. While stopped, press  $\blacktriangle/ \bigtriangledown/ \checkmark/ \backsim$  to move the cursor bar to playback mode.
- 2. Press ENTER repeatedly to select the desired repeat mode
- REPEAT 1: Repeats the current file. • REPEAT GROUP: Repeats all files in the current group.
- REPEAT ALL: Repeats all files on the disc. 3. Press ► to move the cursor bar to the file column.
- then press ►(SELECT).

#### Country/Area code list for Parental Lock Somalia United Arab Emirates Suriname Sao Tome and British Indian Ocean Territory MX Mexico Germany Antigua and Barbuda Principe El Salvador Syrian Arab Republic Djibou Malaysia Iraq Mozambique Anguilla nmark NA Namibia Albania ominica Armenia Netherlands Antilles Angola Antarctica Swaziland Turks and Caico celand New Caled Dominican Republic Niger Norfolk Island Algeria Islands Chad French Southern Territories amaica cuador NG Nigeria Estonia Argentina Japar Egypt Nicaragua American Samoa Austria Western Sahara Kenya Netherland Togo Thailand Tajikistan Tokelau Kyrgyzsta Norway Nepal Nauru ambodia Kiribati Azerbaijan Bosnia and Herzego Turkmenistan Tunisia Saint Kitts and Nevis Korea, Democratic People's Republic of New Zealand Falkland Island Barbados Oman Tonga East Timor Micronesia (Federate States of) Panama Banglades KR Korea, Republic of KW Kuwait Belgium Burkina Faso Peru French Polyn Turkey Trinidad and T Faroe Islands Cayman Islands PG Papua New Guinea Bulgaria Tuvalu France, Metropolitan Bahrain Burundi hilippines Taiwar Lao People' Pakistar Tanzania, United Republic of Ukraine emocratic Republic United Kingdo PL Poland PM Saint Pierre and Lebanor Grenada ermuda Saint Lucia Brunei Darussalan Georgia French Guiana Miguelon PN Pitcairn PR Puerto Rico PT Portugal Uganda United States Minor Outlying Islands United States Bolivia Brazil iri Lanka Ghana Gibraltar Bahamas Lesotho PW Palau Uruguay Uzbekistan Vatican City State (Holy See) Saint Vincent and the PY Pa. QA Qatar PF Réunion Romanic ithuania Gambia Bouvet Island Luxembourg Botswana Guinea Belarus Libyan Arab Jamahiriya RO Romania Belize Equatorial Guinea Grenadines 0000 Canada P MC INUMIACO RW Rwanda MD Moldova, Republic of SA Saudi Arabia MG Madagascar SB Solomon Islar ML Mali SC Seychelles SD Sudan SUdan South Georgia and the Venezuela Virgin Islands (British) Virgin Islands (U.S.) Vietnam Vanuatu Wallis and Futuna South Sandwich Central African Republic Congo Switzerland Côte d'Ivoire Guatemala Solomon Islan Seychelles Sudan Sweden iuam uinea-Bissau Guyana Cook Islands Islands Samoa Yemen MN Mongolia Singapore Saint Helena Hong Kong MO Macau HM Heard Island and McDonald Islands WS Cameroon China Northern Mariana - MQ Martinique Slovenia Svalbard and Ja Mayotte Yugoslavia South Africa Honduras HR Croatia HT Haiti Colombia Costa Rica Slovakia Sierra Leone San Marino Montserrat ZM Zambia ZR Zaire ZW Zimbabwe J Hungary Cape Verde Malta Senegal Christmas Island

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# Language codes list for the LANGUAGE menu

AA	Afar	CA	Catalan	GL	Galician	KK	Kazakh	ML	Malayalam	PS	Pashto,	SM	Samoan	TN	Setswana
AB	Abkhazian	CO	Corsican	GN	Guarani	KL	Greenlandic	MN	Mongolian		Pushto	SN	Shona	TO	Tongan
AF	Afrikaans	CS	Czech	GU	Gujarati	KM	Cambodian	MO	Moldavian		Portuguese	SO	Somali	TR	Turkish
AM	Ameharic	CY	Welsh	HA	Hausa	KN	Kannada	MR	Marathi	QU	Quechua	SQ	Albanian	TS	Tsonga
AR	Arabic	DA	Danish	HI	Hindi	KO	Korean (KOR)	MS	Malay (MAY)	RM	Rhaeto-	SR	Serbian	TT	Tatar
AS	Assamese	DZ	Bhutani	HR	Croatian	KS	Kashmiri	MT	Maltese	RN	Romance Kirundi	SS	Siswati	TW	Twi
AY	Aymara	EL	Greek	HU	Hungarian	KU	Kurdish	MY	Burmese	RO	Rumanian	ST	Sesotho	UK	Ukrainian
AZ	Azerbaijani	EO	Esperanto	HY	Armenian	KY	Kirghiz	NA	Nauru	RU		SU	Sundanese	UR	Urdu
BA	Bashkir	ET	Estonian	IA	Interlingua	LA	Latin	NE	Nepali	-	Russian Kinvarwanda	SV	Swedish	UZ	Uzbek
BE	Byelorussian	EU	Basque	IE	Interlingue	LN	Lingala	NL	Dutch	SA	Sanskrit	SW	Swahili	VI	Vietnamese
BG	Bulgarian	FA	Persian	IK	Inupiak	LO	Laothian	NO	Norwegian	SD		TA	Tamil	VO	Volapuk
BH	Bihari	FI	Finnish	IN	Indonesian	LT	Lithuanian	OC	Occitan	SG	Sindhi	TE	Telugu	WO	Wolof
BI	Bislama	FJ	Fiji	IS	Icelandic	LV	Latvian,	OM	(Afan) Oromo	SH	Sangho Serbo-Croatian	TG	Tajik	XH	Xhosa
BN	Bengali,Ban-	FO	Faroese	IW	Hebrew		Lettish	OR	Oriya	SI		TH	Thai	YO	Yoruba
	gla	FY	Frisian	JI	Yiddish		Malagasy	PA	Panjabi	SK	Singhalese	TI	Tigrinya	ZU	Zulu
BO	Tibetan	GA	Irish	JW	Javanese	MI	Maori	PL	Polish	SL	Slovak Slovenian	TK	Turkmen		
BR	Breton	GD	Scots Gaelic	KA	Georgian	MK	Macedonian			ISL	Siovernan	TL	Tagalog		
							1	4							

# Australia Aruba

Readable discs: Other

	11.0 W (PC Mass: 1.5 kg Dimensions ( 435 mm x
obago	Video outp

VIDEO OUT (
RGB Output:
Component (p
Y Output:
Рв/Pr Outp

General

# Audio outputs

Audio characteristics Frequency response

Power requirements: AC 230 V ~, 50 Hz Power consumption: DWER ON), 1.0 W (STANDBY mode)  $(W \times H \times D)$ : 44 mm x 203.5 mm

## Initial settings

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

- How to set the Initial settings
- 1 Press SET UP.
- 2 Press ◄/► to select the menu.
- 3 Press ▲/▼ to move to select the item
- 4 Press ENTER.
- 5 Press  $\blacktriangle/ \nabla$  to select the options, then press ENTER.
- To dismiss a preference display

Press SET UP

- NOTES • Some items in the menus cannot be changed during playback. During MP3 files playback, you cannot show the menus.
- If the upper and lower parts of the menu are cut off, adjust the picture size control of the TV. • For settings of the LANGUAGE menu or the PARENTAL
- LOCK menu, see also "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 "GERMAN" as the on-screen language.

## PICTURE menu

Item	Contents
	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.
10.9 4.3 LB	[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
4:3 PS	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.
CONNECTIONS	You need to select the video signal type when you connect the player to a TV with a
	SCART connector.
	[VIDEO COMPONENT]: A TV accommodates component signals.
	[SCART S-VIDEO]: A TV accommodates S-video (Y/C) signals.
	[SCART RGB]: A TV accommodates RGB signals.
	Note:
	If a TV accommodates composite signals, select [VIDEO COMPONENT] or [SCART
	RGB].
BACKGROUND	You can use your favorite image as the opening display.
	[STANDARD]: Display the JVC original image.
	<b>[USER]:</b> 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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# **Specifications** Specifications and appearance are subject to change without prior notice.

- DVD VIDEO, DVD-R (Video format), DVD-RW (Video format), SVCD, Video CD, Audio CD (CD-DA), CD-R/RW (CD-DA, SVCD, Video CD, MP3/WMA
- format, JPEG, DivX) Video format: PAL, 625i/625p selectable

## nuts

(pin jack): 1.0 Vp-p (75 Ω) 700 mVp-p (75 Ω)

(pin jacks) 1.0 Vp-p (75 Ω) *put:* 0.7 Vp-p (75 Ω) Horizontal resolution: 500 lines or more

ANALOG OUT (pin jack): 2.0 Vrms (10 k $\Omega$ ) DIGITAL OUT (COAXIAL): 0.5 Vp-p (75 Ω termination)

- 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%

- Manufactured under license from Dolby
- Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
- "DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.
- "Plays DivX® 5, DivX® 4, DivX® 3, and DivX® VOD video content (in compliance with DivX Certified™ technical requirements)" "DivX, DivX Certified, and associated logos are trademarks of DivXNetworks,
- 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.
- "CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER

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.
	<b>[STEREO]:</b> 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.
	<b>[TV MODE]:</b> Select this if the sound level of DVD VIDEO is lower than the one of TV program to make the sound at a lower volume clear.
OUTPUT LEVEL	Set this item to attenuate the level of the signal output from the analog AUDIO OUT terminals. If the sound from the speaker is distorted, select [LOW].

# **OTHERS** menu

( AUDIO menu

Item	Contents
RESUME	<ul> <li>You can select the resume playback mode.</li> <li>[ON]: The player resumes playback from the position where playback has been stopped if the disc is still in the disc tray.</li> <li>[OFF]: This function is deactivated.</li> <li>[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.</li> </ul>
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	<ul> <li>You can confirm of your player's Registration Code for DivX playback.</li> <li>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.</li> </ul>
PARENTAL LOCK	<ul> <li>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.</li> <li>[COUNTRY CODE]: Select the code of your country/area.</li> <li>[SET LEVEL]: Select the level of restriction. ("1" is the strictest.)</li> <li>[PASSWORD]: Enter your 4-digit password by pressing the numeric buttons (0 to 9).</li> <li>[EXIT]: Select this and press ENTER to go back to the OTHERS menu.</li> <li>Notes:</li> <li>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.</li> <li>To release the lock and play, select "TEMPORARY RELEASE," press ENTER, then enter your password. Otherwise, eject the disc.</li> <li>To change the setting of the limitation, you need to enter your password.</li> <li>If you forget your password, enter "8888."</li> </ul>

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#### SAFETY INSTRUCTIONS "SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT"

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections

Do consult your dealer if you are ever in doubt about the installation, operation or safety of vour equipment

Do be careful with glass panels or doors on equipment.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off, withdraw the mains plug and consult your dealer.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Switch off using the switch on the equipment and make sure that your family know how to do this.

Special arrangements may need to be made for infirm or handicapped people.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T listen to headphones at high volume as such use can permanently damage your hearing.

DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings.

Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T allow electrical equipment to be exposed to rain or moisture.

#### ABOVE ALL

-NEVER let anyone, especially children, push anything into holes, slots or any other opening in the case -this could result in a fatal electrical shock.;

-NEVER guess or take chances with electrical equipment of any kind -it is better to be safe than sorrv!

- "Official DivX Certified™ product"
- Inc. and are used under license.