

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



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

Basic operation procedure

- 1 Press ◀▶ to select the icon you want to work with.
- 2 Press ENTER.
After pressing ENTER:
(1) When a pull-down menu appears, press ▲/▼ to select the setting you want, then press ENTER.
(2) When a number-entry box appears, use the numeric buttons to enter the number you want, then press ENTER.
(3) When changing **TIME** setting, press ENTER repeatedly to select the setting you want.

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

Menu bar functions

- 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)
- selects repeat mode.
 - DVD: During playback
 - CD: In any condition
 - VCD/SVCD: In any condition except PBC playback
 - CHAPTER: Current chapter repeat (DVD)
 - TITLE: Current title repeat (DVD)
 - TRACK: Current track repeat (CD/VCD/SVCD)
 - ALL: 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.

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Troubleshooting

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 disc.

[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 in this status. To release this status, press ▲ 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)].

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 mode.
Make the Progressive scanning mode inactive by using the VFP - I/P button.

Audio/Video files playback

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

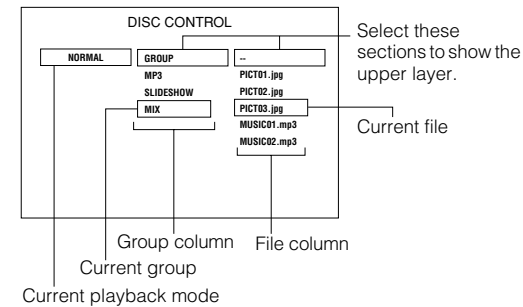
Precautions

- Use “ISO 9660” as the disc format.
 - The player does not support “packet writing (UDF files)” discs.
 - The player may be unable to play back a disc due to the characteristics or recording conditions.
 - The player recognizes up to the fifth layer of groups, 999 files per group (including unplayable files), and up to 250 groups per disc.
 - Add the appropriate extension (”.mp3”, “.jpg”, and “.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).
- Random playback**
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, then press ▶(SELECT).
- Program playback**
1. While stopped, press ▲/▼◀▶ to move the cursor bar to playback mode.
 2. Press ENTER repeatedly to select PROGRAM.
 3. Press ▲/▼◀▶ to select the desired file, then press ENTER.
 4. Repeat step 3 until all the desired files are selected.
 - To erase the last programmed file, press ◀ to move the cursor bar to the programmed files column, then press CANCEL.
 5. Press ▶(SELECT).

Selecting a specific file or group

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

Control display



1. After selecting **PROG.** icon, press the numeric buttons to specify tracks in the desired order.
 - To correct the program, press ▲/▼ to move [3] to the track to be corrected, then press CANCEL. The track is erased and the subsequent programmed tracks move up.
 - Pressing ■ clears all the programmed tracks.
2. Press ▶(SELECT) to start program playback.
 - During program playback, you cannot edit the program contents.
 - To exit the program mode, press ON SCREEN after clearing the program.

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

Various playback mode

- To play back a disc continuously, select NORMAL.

Repeat playback

1. While stopped, press ▲/▼◀▶ to move the cursor bar to playback mode.
2. Press ENTER repeatedly to select the desired repeat 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).

Various JPEG files playback

To zoom in a picture
Press ZOOM.
Each time you press ZOOM, you can magnify a JPEG file (x1.5/x2).

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

To rotate/reflect a still picture

While a still picture is played back:

- Pressing ◀▶ rotates the picture by 90°.
- Pressing ▲/▼ reflects the picture vertically.
- Pressing ◀ reflects the picture horizontally.

To select a JPEG files from the thumbnail list

1. Press and hold 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 ◀▶◀▶.

Slide show playback of JPEG files

Press ▶(SELECT) while a JPEG file is selected on the Control display.

- To select slide show effect
Press and hold ANGLE-SLIDE EFFECT until [SLIDE EFFECT MODE:] and the current mode appears on the TV screen.
By pressing and holding the button repeatedly, you can select the effect from 11 effects, random effect selection (RAND), and no effect (NONE). The effect is not applied to progressive JPEG files.

Initial settings

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

How to set the Initial settings

- 1 Press SET UP.
- 2 Press ▲/▼ to select the menu.
- 3 Press ▲/▼ to move to select the item.
- 4 Press ENTER.
- 5 Press ▲/▼ to select the options, then press ENTER.

To dismiss a preference display
Press SET UP.

LANGUAGE menu

Item	Contents
MENU LANGUAGE	You can select the default menu language of DVD VIDEO.
AUDIO LANGUAGE	You can select the default audio language of DVD VIDEO.
SUBTITLE	You can select the default subtitle language of DVD VIDEO.
ON SCREEN LANGUAGE	You can select “ENGLISH,” “FRENCH,” or “SPANISH” as the on-screen language.

PICTURE menu

Item	Contents
MONITOR TYPE	You can select the monitor type to match your TV when you play back DVD VIDEO 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.

AUDIO menu

Item	Contents
DIGITAL AUDIO OUTPUT	Set this item correctly according to the logo on your receiver or decoder. [PCM ONLY]: Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder. [DOLBY DIGITAL/PCM]: Receiver/decoder bearing Dolby Digital logo and no DTS. [STREAM/PCM]: Receiver/decoder bearing both Dolby Digital and DTS logos.
ANALOG DOWNMIX	Set this item properly according to your analog audio connection to play the sound of the surround multichannel audio on a DVD VIDEO. [DOLBY SURROUND]: Select this when connecting to a surround decoder. [STEREO]: Select this when connecting to a stereo amplifier or TV, or in case you want to record from a DVD VIDEO to a MiniDisc, cassette, etc.
D.RANGE CONTROL	Set this item to listen to DVD VIDEO recorded in Dolby Digital format at low or middle volume. [WIDE RANGE]: You can enjoy powerful playback sound. [NORMAL]: Normally, select this. [TV MODE]: Select this if the sound level of DVD VIDEO is lower than the one of TV program to make the sound at a lower volume clear.
OUTPUT LEVEL	Set this item to attenuate the level of the signal output from the analog AUDIO OUT terminals. If the sound from the speaker is distorted, select [LOW].

OTHERS menu

Item	Contents
RESUME	You can select the resume playback mode. [ON]: The player resumes playback from the position where playback has been stopped if the disc is still in the disc tray. [OFF]: This function is deactivated. [DISC RESUME]: The player resumes playback of the last 10 discs played. The player retains a memory of the stopped position of each disc even if the disc is removed from the disc tray.
ON SCREEN GUIDE	Activate or deactivate the on-screen guide.
AUTO STANDBY	Set the time until the player turns off (into standby) automatically if playback is stopped for more than 30 minutes or 60 minutes.
AV COMPULINK MODE	Set this item correctly when using the AV COMPU LINK system. See “Using the AV COMPU LINK system” in “Connections.”
PARENTAL LOCK	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.”

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Country/Area code list for Parental Lock

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

Language codes list for the LANGUAGE menu

AA Afar	CA Catalan	GL Galician	KK Kazakh	ML Malayalam	PS Pashto, Pushto	SL Slovenian	TL Tagalog
AB Abkhazian	CO Corsican	GN Guarani	KL Greenlandic	SM Samoan	PT Portuguese	SN Shona	TN Setswana
AF Afrikaans	CS Czech	GU Gujarati	KM Cambodian	MO Moldavian	QU Quechua	SO Somali	TO Tongan
AM Amharic	CY Welsh	HA Hausa	KN Kannada	MR Marathi	RH Rhaeto-Romanic	SR Serbian	TR Turkish
AR Arabic	DA Danish	HI Hindi (Mand)	KO Korean (KOR)	MS Malay (MAY)	RO Rumanian	SS Siswati	TS Tsonga
AS Assamese	DZ Bhutani	HR Croatian	KS Kashmiri	MT Maltese	RU Russian	ST Sesotho	TT Tatar
AY Aymara	EL Greek	HU Hungarian	KU Kurdish	MY Burmese	RU Russian	SV Sundanese	UZ Uzbek
AZ Azerbaijani	EO Esperanto	HY Armenian	KY Kirghiz	NA Nauru	RU Russian	SV Sundanese	UZ Uzbek
BA Bashkir	ET Estonian	IE Interlingue	LA Latin	NE Nepali	RU Russian	SV Sundanese	UZ Uzbek
BE Byelorussian	EU Basque	IE Interlingue	LN Lingala	NL Dutch	RU Russian	SV Sundanese	UZ Uzbek
BG Bulgarian	FA Persian	IK Inupiak	LO Laotian	NO Norwegian	RU Russian	SV Sundanese	UZ Uzbek
BH Bhari	FJ Finnish	IN Indonesian	LV Lithuanian	OC Occitan	RU Russian	SV Sundanese	UZ Uzbek
BI Basima	FI Finnish	IS Icelandic	LT Latvian	OC Occitan	RU Russian	SV Sundanese	UZ Uzbek
BN Bengali, Bangla	FO Faroese	IS Icelandic	LV Lithuanian	OC Occitan	RU Russian	SV Sundanese	UZ Uzbek
BO Tibetan	GA Irish	JA Japanese	MG Malagasy	PA Panjabi	RU Russian	SV Sundanese	UZ Uzbek
BR Breton	GD Scots Gaelic	KA Georgian	MK Macedonian	PL Polish	RU Russian	SV Sundanese	UZ Uzbek

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JVC®

LIMITED WARRANTY

VCR EXCHANGE-90

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

LABOR 90 DAYS	PARTS 90DAYS
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THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:
If this product is found to be defective within the warranty period, JVC will, at its option, either repair or replace the defective part(s) or replace the product with a new or refurbished functionally equivalent product. Within 90 days from date of retail sale, repair or replacement will be at no charge to the customer.

WHAT YOU MUST DO FOR WARRANTY SERVICE:
Please do not return your product to the retailer. Instead, please box the product carefully, preferably in the original carton, and ship, insured to the JVC repair/replacement facility nearest you.

To obtain the address of the location nearest you, please call (800) 252-5722 or visit our website at <http://www.jvc.com>

A COPY OF YOUR BILL OF SALE, A COMPLETED WARRANTY REPAIR/REPLACEMENT FORM AND ALL OF THE ORIGINAL ACCESSORIES WHICH CAME WITH YOUR UNIT MUST ACCOMPANY THE PRODUCT TO BE ELIGIBLE FOR REPAIR/REPLACEMENT UNDER WARRANTY.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at (800) 252-5722.

WHAT IS EXCLUDED:
The warranty does not cover:
1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed.
2. Initial installation, installation and removal, from "built in" entertainment centers, and other mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, including head cleaning.
4. Damage that occurs in shipment, due to act of God, and cosmetic damage.
5. Signal reception problems and failures due to line power surge.
6. Products used for commercial purposes (including but not limited to rental).
7. Accessories.
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase).

There are no express warranties except as listed above.

AFTER THE WARRANTY:
Please contact JVC's Customer Care Center at (800) 252-5722 to obtain the cost of out of warranty repair or replacement.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

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

JVC COMPANY OF AMERICA
DIVISION OF JVC AMERICAS CORP.

1700 Valley Road
Wayne, New Jersey 07470

<http://www.jvc.com>

For customer use:
Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet.
Retain this information for future reference.

Model No.: _____ Serial No.: _____
Purchase Date: _____ Name Of Dealer: _____

JVC®

WARRANTY REPAIR / REPLACEMENT FORM

PLEASE COMPLETE THE FOLLOWING;
PLEASE NOTE : P.O. BOXES ARE NOT ACCEPTABLE

NAME: _____

STREET ADDRESS: _____

CITY: _____ STATE _____ ZIPCODE _____

DAY TIME PHONE NUMBER: _____

REASON FOR RETURN _____

Please do not return your product to the retailer. Instead, please box the product carefully, preferably in the original carton, and ship, insured to the JVC repair/replacement facility nearest you.

A COPY OF YOUR BILL OF SALE, A COMPLETED WARRANTY REPAIR/REPLACEMENT FORM AND ALL OF THE ORIGINAL ACCESSORIES WHICH CAME WITH YOUR UNIT MUST ACCOMPANY THE PRODUCT TO BE ELIGIBLE FOR REPAIR/REPLACEMENT UNDER WARRANTY.

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BT-S1031-2
(0704)

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

General

Readable discs:
DVD VIDEO, DVD-R (Video format), DVD-RW (Video format), SVCD, Video CD, Audio CD (CD-DA), CD-R/RW (CD-DA, SVCD, Video CD, MP3/WMA format, JPEG)
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 (3.3 lbs)
Dimensions (W x H x D):
435 mm x 44 mm x 203.5 mm (17-3/16 inch x 1-3/4 inch x 8-1/16 inch)

Video outputs

Component (pin jacks)
Y Output: 1.0 Vp-p (75 Ω)
Pb/Pa Output: 0.7 Vp-p (75 Ω)
VIDEO (pin jack): 1.0 Vp-p (75 Ω)
S-VIDEO (S jack)
Y Output: 1.0 Vp-p (75 Ω)
C Output: 286 mVp-p (75 Ω)
Horizontal resolution: 500 lines or more

Audio outputs
ANALOG OUT (pin jack): 2.0 Vrms (10 kΩ)
DIGITAL OUT (COAXIAL): 0.5 Vp-p (75 Ω termination)
Frequency response
CD (sampling frequency 44.1 kHz): 2 Hz to 20 kHz
DVD (sampling frequency 48 kHz):
2 Hz to 22 kHz (4 Hz to 20 kHz for DTS and Dolby Digital bitstream signals)
DVD (sampling frequency 96 kHz): 2 Hz to 44 kHz
Wow and flutter: Unmeasurable (less than ± 0.002%)
Total harmonic distortion: less than 0.009%

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