

JVC



ENGLISH

DVD/CD RECEIVER

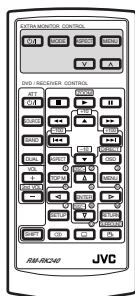
KD-AVX2

中文

DVD/CD 收音组合机

KD-AVX2

EXAD



For installation and connections, refer to the separate manual.

有关安装和连接方法，分别参阅操作手册。

INSTRUCTIONS

使用说明书

LVT1456-011A
[UF]

Thank you for purchasing a JVC product.

Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

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 qualified 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 OUTSIDE THE UNIT.

CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM.	ADVARSEL: Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering for stråling.	WARNING: Synlig og usynlig laserstråling når den åbnes og spærren er urkøkkplad. Betrakta ej strålen.	VARO: Avattessa ja suojalukitus ohitettuna tai viallisena olet alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteien kohdistumista suoraan itseesi. (t)
--	---	--	--

For safety....

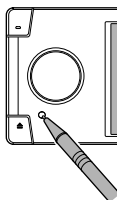
- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

Temperature inside the car....

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

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.

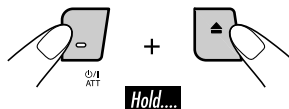
How to reset your unit



This will reset the microcomputer. Your preset adjustments will also be erased.

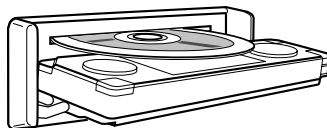
How to forcibly eject a disc

If a disc cannot be recognized by the receiver or cannot be ejected, ejects the disc as follows.



“NO EJECT?” (or “EJECT OK?”) and “EMERGENCY EJECT?” appear on the monitor.

Press ▲ / ▼ repeatedly to select “EMERGENCY EJECT?”, then press ENT.



- If this does not work, reset your receiver.
- Be careful not to drop the disc when it ejects.

WARNINGS:

- **DO NOT** install any receiver in locations where;
 - it may obstruct the steering wheel and gearshift lever operations, as this may result in a traffic accident.
 - it may obstruct the operation of safety devices such as air bags, as this may result in a fatal accident.
 - it may obstruct visibility.
- **DO NOT** operate any receiver while manipulating the steering wheel, as this may result in a traffic accident.
- The driver must not watch the monitor while driving.
If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.
- The driver must not put on the headphones while driving. It is dangerous to shut off the outside sounds while driving.
- If you need to operate the receiver while driving, be sure to look ahead carefully or you may be involved in a traffic accident.
- If the parking brake is not engaged, “Parking Brake” flashes on the monitor, and no playback picture will be shown.
 - This warning appears only when the parking brake wire is connected to the parking brake system built in the car (refer to the Installation/Connection Manual).

Caution on volume setting:

Discs produce very little noise compared with other sources. Lower the volume before playing a disc to avoid damaging the speakers by the sudden increase of the output level.

Cautions on the monitor:

- The monitor built in this receiver has been produced with high precision, but it may have some ineffective dots. This is inevitable and is not malfunction.
- Do not expose the monitor to direct sunlight.

Characters available for text input

You can use the following characters to assign titles to the sources (see page 41).

A	B	C	D	E	a	b	c	d	e
F	G	H	I	J	f	g	h	i	j
K	L	M	N	O	k	l	m	n	o
P	Q	R	S	T	p	q	r	s	t
U	V	W	X	Y	u	v	w	x	y
Z	space				z	space			

Upper and lower cases

0	1	2	3	4
5	6	7	8	9
!	"	#	\$	%
&	'	(	)	*
+	,	-	.	/
:	;	<	=	>
?	@	_	`	space

Numbers and symbols

Introduction—Playable discs

Discs you can play

You can play back the following discs—12 cm and 8 cm—on this receiver:

- **DVD Video:** Recorded in NTSC or PAL color system with an appropriate Region Code number (see below).
 - DVD-R/DVD-RW recorded in the DVD-Video format can also be played.
- **DVD Audio**
- **Video CD (VCD)/audio CD**
- **MP3/WMA/WAV/JPEG/MPEG1,2:** Recorded either in CD-R/CD-RW or DVD-R/DVD-RW/+R/+RW/DVD-ROM.
 - CD-R/CD-RW: Compliant with ISO 9660 Level 1, ISO 9660 Level 2, Romeo, and Joliet.
 - DVD-R/DVD-RW/+R/+RW/DVD-ROM: Compliant with UDF-Bridge Format*¹.
- *It is possible to play back finalized +R/+RW (DVD Video format only) discs. However the use of +R double layer disc on this unit is not recommended.*
- *DVD-R recorded in multi-border format is also playable (except for dual layer discs).*

On some discs, the actual operations may be different from what is explained in this manual.

Note on Region Code:

DVD players and DVD Video discs have their own Region Code numbers. This receiver can only play back DVD discs whose Region Code numbers include “6”.

Examples:



If you insert a DVD Video disc of an incorrect Region Code

“Region Error” appears on the monitor on the unit. “REGION CODE ERROR” appears on the external monitor.

Discs cannot be played back

DVD-ROM (data), DVD-RAM, DVD-R/DVD-RW recorded in the DVD-VR format, CD-ROM, CD-I (CD-I Ready), Photo CD, etc.

- Playing back these discs will generate noise and damage the speakers.

Caution for DualDisc playback

- 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.

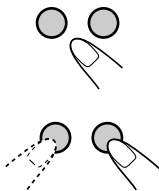
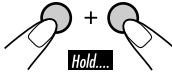
*¹ A hybrid file system used to provide compatibility with ISO 9660 for accessing any type of files on the disc. (UDF stands for Universal Disk Format.)

“DVD Logo” is a trademark of DVD Format/Logo Licensing Corporation registered in the US, Japan and other countries.

How to read this manual

The following methods are used to make the explanations simple and easy-to-understand:

- Some related tips and notes are explained in “More about this receiver” (see pages 49 – 53).
- Button operations are mainly explained with the illustrations as follows:

	Press briefly.
	Press repeatedly.
	Press either one.
	Press and hold until your desired response begins.
	Press and hold both buttons at the same time.

Indication language

In this manual, English indications are used for purposes of explanation.

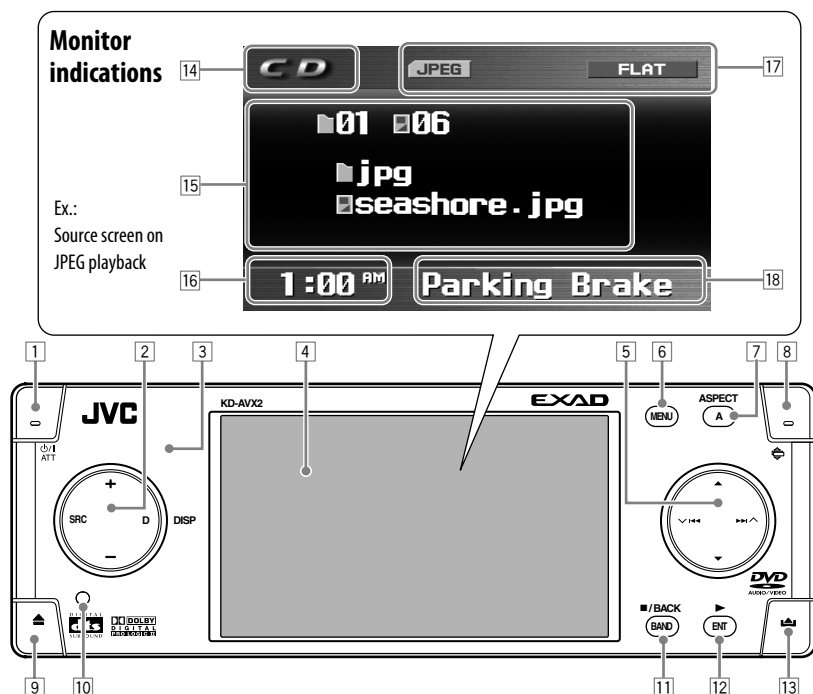
You can select the indication language on the monitor on the “Language” setting (see page 33).

Contents

Control panel	6
Remote controller — RM-RK240	7
Getting started	10
Radio operations	12
Disc operations	15
Unique disc functions	20
Disc surround playback	22
On-Screen disc operations	24
Other disc operations	28
Dual Zone operations	30
AV Menu settings	31
Other main functions	41
CD changer operations	42
External component operations	44
iPod®/D. player operations	45
Maintenance	47
Language codes	48
More about this receiver	49
Troubleshooting	54
Specifications	57

Control panel

Parts identification



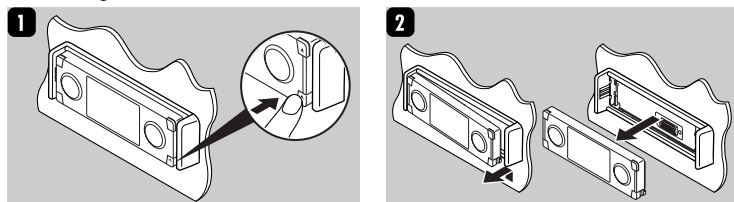
- 1 **⏻** ATT (standby/on attenuator) button
- 2
 - +/– (volume +/–) button
 - SRC (source) button
 - DISP (D: display) button
- 3 Remote Sensor
- 4 Monitor
- 5
 - ▲ (up) / ▼ (down) buttons
 - ◀◀◀/▶▶▶▶▶ buttons
- 6 MENU button
- 7 ASPECT (A) button
- 8 **↻** (angle) button
- 9 **⏏** (eject) button
- 10 Reset button
- 11
 - BAND button
 - BACK button
 - ■ (stop) button
- 12
 - ENT (enter) button
 - ▶ (play) button
- 13 **⏏** (control panel release) button

Monitor indications

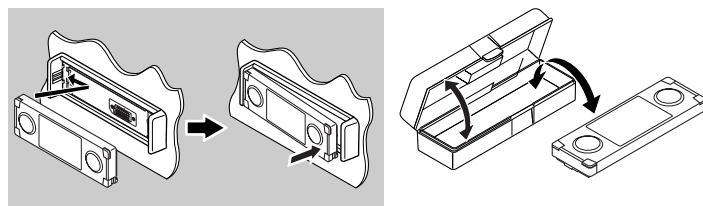
- 14 Source indicator
- 15 Main display
- 16 Clock display
Also indicates volume level when adjusting volume.
- 17 Status indicators
- 18 Alert information area
Also indicates volume level bar when adjusting volume.

How to detach/attach the control panel

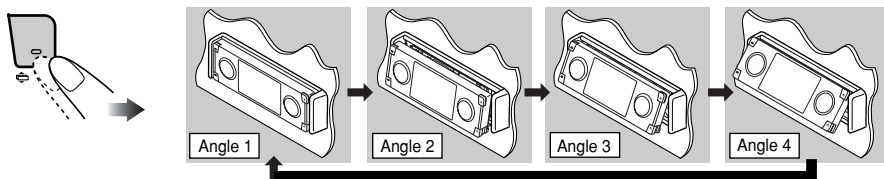
Detaching...



Attaching...



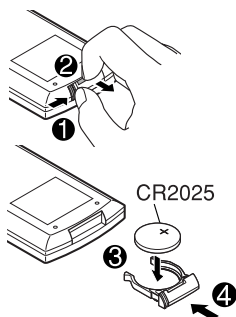
How to change the control panel angle



Caution: Do not insert your finger behind the control panel.

Remote controller — RM-RK240

Installing the lithium coin battery (CR2025)



Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the receiver. Make sure there is no obstacle in between.

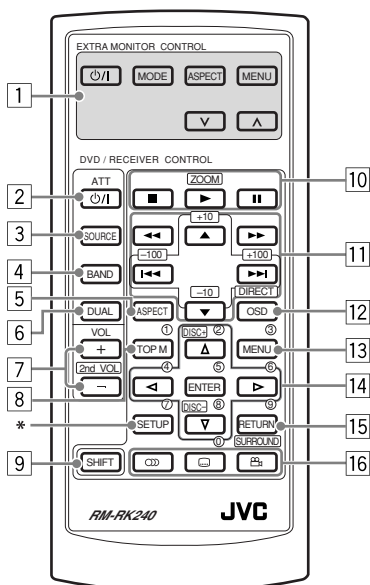


- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).

Warning:

- Do not install any battery other than CR2025 or its equivalent; otherwise, it may explode.
- Store the battery in a place where children cannot reach to avoid risk of accidents.
- To prevent the battery from over-heating, cracking, or starting a fire:
 - Do not recharge, short, disassemble, or heat the battery or dispose of it in a fire.
 - Do not leave the battery with other metallic materials.
 - Do not poke the battery with tweezers or similar tools.
 - Wrap the battery with tape and insulate when throwing away or saving it.

Main elements and features



* Not used as the SETUP button for this model.

IMPORTANT:

If Dual Zone is activated (see page 30), the remote controller only functions for operating the DVD/CD player.

MONITOR CONTROL

- 1 Monitor control buttons*¹
 - Φ /I (standby/on), MODE, ASPECT, MENU, ∇ and $\wedge$.

DVD/RECEIVER CONTROL

- 2 Φ /I ATT (standby/on attenuator) button
 - Turns on and off the power and also attenuates the sound.
- 3 SOURCE button
 - Selects the source.
- 4 BAND button
 - Selects the FM/AM bands.
- 5 ASPECT button
 - Change the aspect of the monitor on the unit when playing back DVD, VCD, etc.
- 6 DUAL button
 - Activate and deactivate Dual Zone.
- 7 VOL + / - buttons
 - Adjusts the volume level.
 - Also function as 2nd VOL +/- buttons when pressed with SHIFT button.
- 8 TOP M (menu) button*²
 - Display the DVD, DVD Audio, and VCD*³ disc menu.
- 9 SHIFT button
- 10 Basic disc operation buttons*⁴:
 - (stop), ► (play), || (pause)
 - ► (play) also function as ZOOM button when pressed with SHIFT button.
- 11 Advanced disc operation/tuner operation buttons*⁵

For advanced disc operations:

 - $\blacktriangle$ / $\blacktriangledown$
 - Select the titles (for DVD), groups (for DVD Audio), or folders (for MP3/WMA/WAV/JPEG/MPEG).
 - $\lll$ / $\ggg$ (reverse skip/forward skip)
 - $\lll$ / $\ggg$ (reverse search/forward search)*⁶

For FM/AM tuner operations:

- **▲ / ▼**
– Changes the preset stations.
- **◀◀ / ▶▶**
– Functions to search for stations.
Press briefly: auto search
Press and hold: manual search

For iPod/D. player operations:

- **▲ / ▼**
▼: Pauses/stops or resumes playback.
▲: Enters the main menu of iPod/D. player. (Now **▲ / ▼/◀◀ / ▶▶** work as the menu selection buttons)*⁷
- **◀◀ / ▶▶** (in menu selecting mode)
– Selects an item if pressed briefly.
(Then, press ▼ to confirm the selection.)
– Skips 10 items at a time if pressed and held.

[12] OSD button

- Display the on-screen bar.
- Also function as the DIRECT button when pressed with SHIFT button.
– You can directly select titles (for DVD), groups (for DVD Audio) or folders (for MP3/WMA/WAV/MPEG) using the number buttons (see the right column and page 19).

[13] MENU button*²

- Display the DVD and VCD*² disc menu. (Not functions for the DVD Audio disc.)

[14] Menu operation buttons*²

- Cursor (**△**, **▽**, **◀**, **▶**) and ENTER
- **△ / ▽**: Also function as DISC+/- buttons when the source is “CD-CH”.

[15] RETURN button*²

[16] Special function buttons

- DVD/VCD: **ⓄⓄ** (audio)
- DVD: **ⓂⓂ** (subtitle), **ⓈⓈ** (angle)
- **ⓈⓈ** Also function as the SURROUND button when pressed with SHIFT button.
– You can change the surround mode (see page 23).

*¹ Controllable only if your monitor is one of the JVC monitors — KV-MR9010 or KV-MH6510.

*² These buttons function as the number buttons when pressed with SHIFT button.

*³ Only when PBC is not in use.

*⁴ Not used for CD changer operations.

*⁵ These buttons function as the +10/-10 and +100/-100 buttons when pressed with SHIFT button.

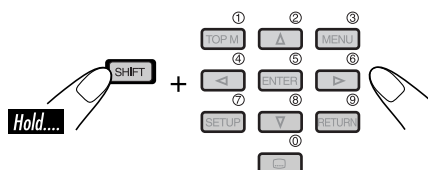
*⁶ Not used for JPEG operations. No sound can be heard (DVD/VCD/MPEG).

*⁷ **▲**: Returns to the previous menu.

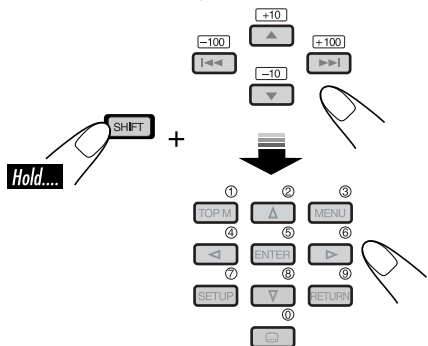
▼: Confirms the selection.

How to select a number

To select a number from 0 – 9:



To select a number greater than 9:



- +100/-100 buttons used for searching track number greater than 99 (not available for CD/VCD/DVD/DVD audio).

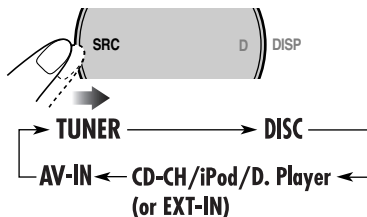
Getting started

Basic operations

- 1 Turn on the power.

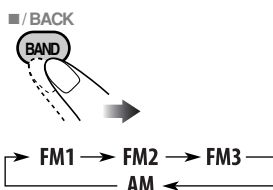


- 2

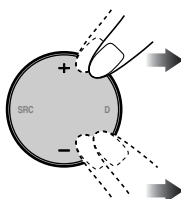


You cannot select some sources if they are not ready.

- 3 For FM/AM tuner only



- 4 Adjust the volume.



Volume 16

Volume level indicator

- 5 Adjust the equalizer as you want.
(See pages 38.)

To drop the volume in a moment (ATT)



To restore the sound, press it again.

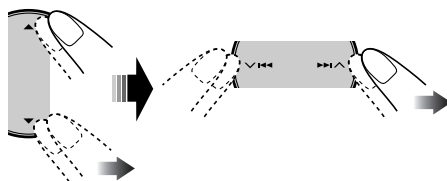
To turn off the power



Setting the clock

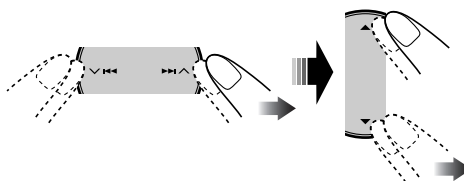


- 2 Select "Setup", "Clock", then "Time Set".

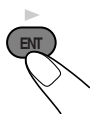


- 3 Set the hour and minute.

- 1 Select "Hour", then adjust the hour.
- 2 Select "Minute", then adjust the minute.



4 Finish the procedure.



- See the example on “Basic procedure of AV Menu operation” below to change the clock from 12 hours to 24 hours.

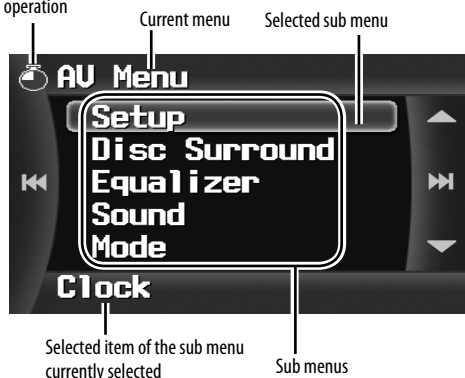
Basic procedure of AV Menu operation

You can adjust various settings of the unit from AV Menu.

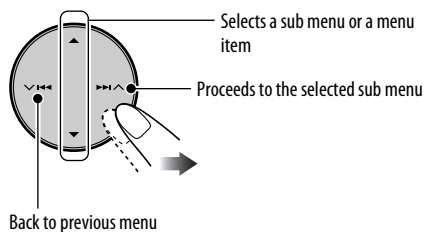
- To call up AV Menu...



Displays remaining time to continue the menu operation



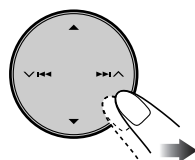
- To select an menu item and proceed to the sub menu...



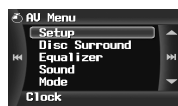
- To go back to the previous screen and adjust other items...



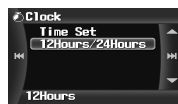
Ex.: To change the clock from 12 hours to 24 hours, after pressing MENU...



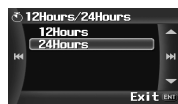
Select “Setup”,



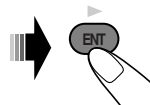
“Clock”,



“12Hours / 24Hours”,



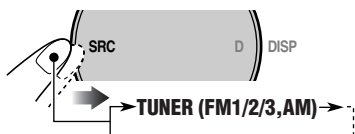
then “24Hours”.



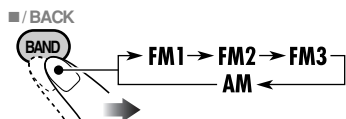
- To cancel menu operations and return to the source screen, press DISP (D).
- See pages 31 – 40 for information of the sub menus and menu items.

Radio operations

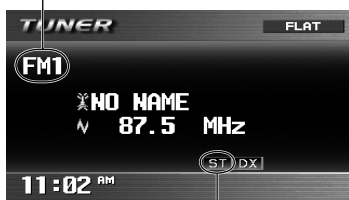
1



2



Selected band appears.



Lights up when receiving an FM stereo broadcast with sufficient signal strength.

3

Start searching for a station.



When a station is received, searching stops.

To stop searching, press the same button again.

To tune in to a station manually

In step ③ above....

1



2 Select the desired station frequencies.

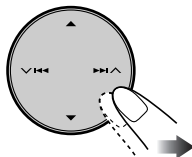


When an FM stereo broadcast is hard to receive

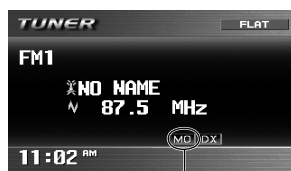
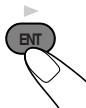
1



2 Select "Mode", "Mono", then "On".



3 Finish the procedure.



Lights up when monaural mode is activated.

Reception improves, but stereo effect will be lost.

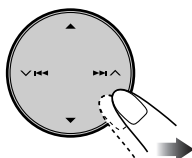
To restore the stereo effect, repeat the same procedure to set "Mono" to "Off". The MO indicator goes off.

To tune in strong-signal FM station only

1



2 Select "Mode", "DX / Local", then "Local".



- 3 Finish the procedure.



Lights up when "Local" mode is activated.

Only stations with sufficient signal strength will be detected.

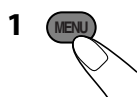
To tune in to all receivable stations, repeat the same procedure to set "DX / Local" to "DX". The LO indicator goes off and the DX indicator lights up.

Storing stations in memory

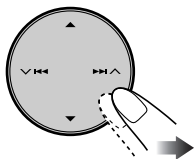
You can preset six stations for each band.

FM station automatic presetting—SSM (Strong-station Sequential Memory)

After selecting the FM band (FM1 – FM3) you want...



- 2 Select "Mode", then "SSM".



"SSM" is shown until automatic presetting is over.

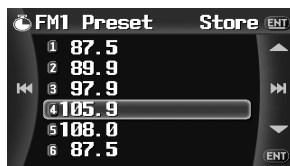
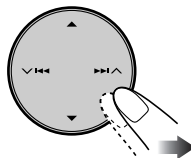
Local FM stations with the strongest signals are searched and stored automatically in the FM band.

Manual presetting

After tuning in the station you want to preset...

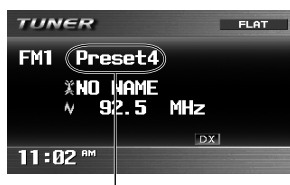
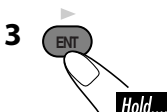


- 2 Select "List", then a preset number (1–6) you want to store the station into.



EX.: Storing 92.5 MHz into preset number 4 of FM1

- You can also display the list by pressing and holding ▲/▼ buttons.



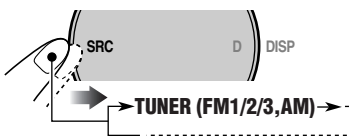
Stored preset number flashes for a while.

How to exit from menus or lists

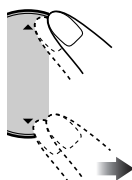


Menu or list operations are canceled and the screen returns to the source screen.

Listening to a preset station

- 
- 

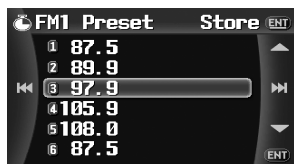
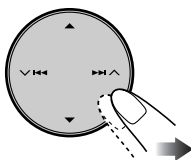
- Select a preset station (1 – 6) you want.



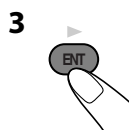
When using the list screen...

After step 2 above...

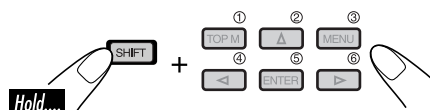
- 
- Select “List”, then a preset number (1–6) you want.



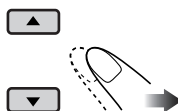
- You can change the preset list between FM1/2/3 by pressing and holding ▲/▼ buttons (or by pressing ▲/▼ buttons repeatedly) when selecting any of the FM bands.



When using the remote controller...



or



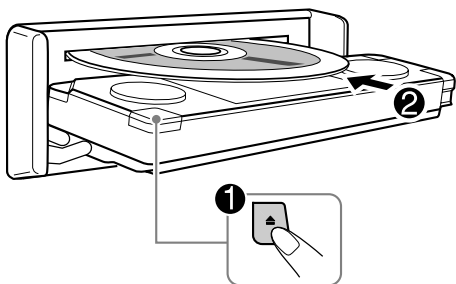
Disc operations

Playing a disc in the receiver

The disc type is automatically detected, and playback starts automatically (for DVD Video/Audio: automatic start depends on its internal program).

If the current disc is an audio CD, CD Text, MP3/WMA/WAV, JPEG, MPEG, or VCD without PBC, all tracks will be played repeatedly until you change the source or eject the disc.

- If a title list or disc menu appears while playing a DVD Video/Audio or VCD with PBC, see “Disc menu operations” on page 21.



To eject a disc



The following marks are used to indicate the playable discs...



DVD Video



DVD Audio



Video CD with/without PBC



Video CD with PBC only



MPEG disc



JPEG disc



Audio CD/ CD Text



MP3/WMA/WAV disc



All discs listed here

Before performing any operations, make sure the following...

- The operations explained on pages 17 – 22 are mainly of the remote controller.
- shows functions which you can also use on the unit.

If “⊘” appears on the monitor when pressing a button, the receiver cannot accept an operation you have tried to do.

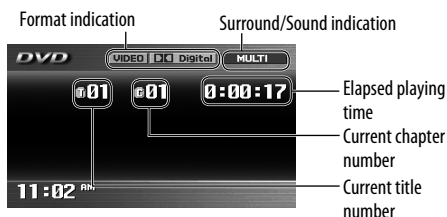
- In some cases, without showing “⊘”, operations will not be accepted.

- When inserting a DVD video/DVD Audio disc:

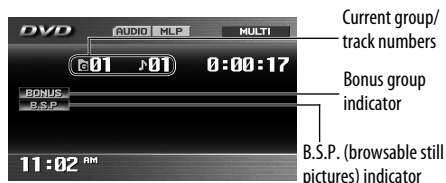
Video/picture playback starts automatically on the monitor when the parking brake is applied.

- The screen such as below appears when pressing DISP (D).

When an DVD is playing back



When a DVD Audio disc is playing back

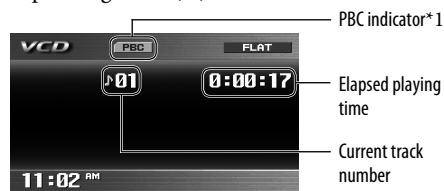


- To return to playback, press DISP (D) again.

- When inserting a VCD:

VCD playback starts automatically on the monitor when the parking brake is applied.

- The screen such as below appears when pressing DISP (D).



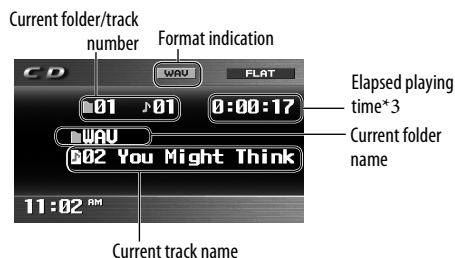
*1 Appears when the PBC function is in use.

- To return to playback, press DISP (D) again.

- When inserting an MP3/WMA/WAV/JPEG/MPEG disc*2:

After showing the total folder and file number...

Ex.: When an WAV file is detected

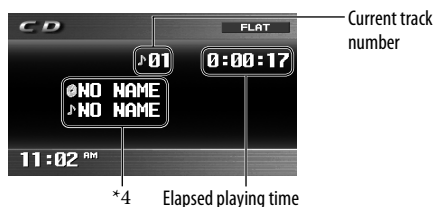


*2 When playing back a JPEG/MPEG disc, press DISP (D) to display the screen. (Picture/video playback is automatically starts when the parking brake is applied.)

*3 Does not appear for JPEG disc.

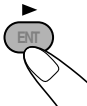
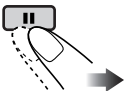
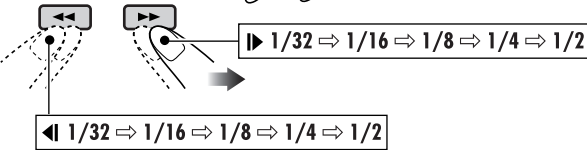
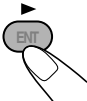
- When inserting a CD Text/audio CD:

After showing the total track number and total playing time...



*4 Disc title/performer and track title are displayed when playing a CD Text.

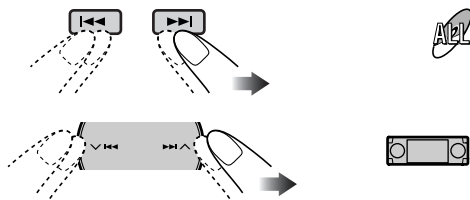
Basic operations

Operations	Monitor indication and/or next operation
To stop playback  	When you start playback again, playback starts from where it has been stopped (Resume play).    
To stop play temporarily 	Playback is paused.  A still picture appears. Ⓐ Frame by frame playback     Ⓑ Slow motion playback    • No sound comes out during Slow Motion Playback. • When playing a VCD, Reverse Slow Motion Playback is prohibited. To resume normal play: 
To replay the previous scenes—One Touch Replay  	The playback position moves back about 10 seconds before the current position. • This function works only within the same title. • For some DVDs, this function does not work.  

- During play, on-screen guide icons appear on the monitor for a while (see page 53).

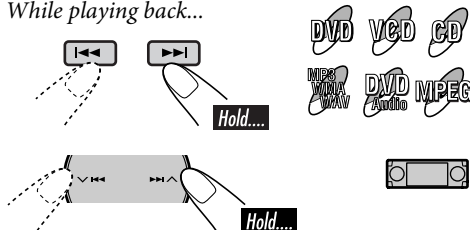
To go to the next or previous chapters/tracks

- For DVD: During play or pause



To fast-forward or reverse the chapter/track

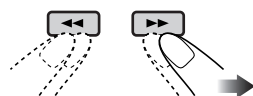
While playing back...



* The search speed changes to x2 $\Rightarrow$ x10 ($\Rightarrow$ x10 ($\Leftarrow$) 1/2 for MPEG), but the information shown on the monitor is only for DVD/VCD/MPEG.

To forward or reverse search the chapter/track

While playing back...



The information shown is only for DVD/VCD:

$\Rightarrow$ x2 $\Rightarrow$ x5 $\Rightarrow$ x10 $\Rightarrow$ x20 $\Rightarrow$ x60

$\Leftarrow$ x2 $\Leftarrow$ x5 $\Leftarrow$ x10 $\Leftarrow$ x20 $\Leftarrow$ x60

* The search speed of an MPEG file is 3 steps
- $\Rightarrow$ ($\Leftarrow$) 1/2/3.

- To resume normal speed

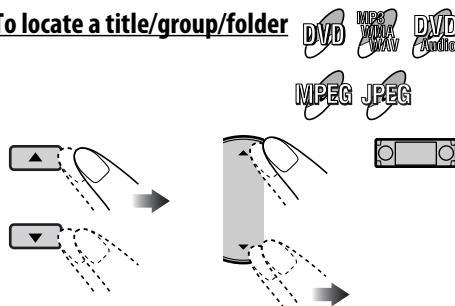


To locate a particular title/chapter/track directly

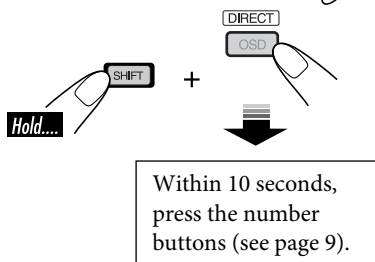
- For DVD Video/DVD Audio:
During play or pause—select a chapter/track.
During stop—select a title/track.
- For MP3/WMA/WAV/JPEG/MPEG:
Select a track within the same folder.

Select the number corresponding to the item you want (see page 9).

To locate a title/group/folder



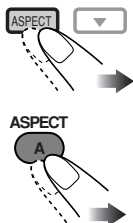
To locate a particular title/ group/folder



IMPORTANT:

- For MP3/WMA/WAV discs: It is required that folders are assigned with 2-digit number at the beginning of their folder names—01, 02, 03, and so on.

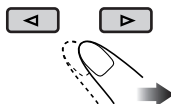
To adjust the screen shape on the unit



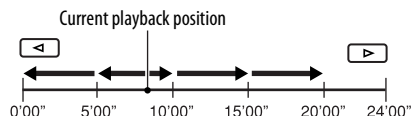
To skip to the next or previous scene



You can skip the scene back and forward by 5 minutes.



Ex.: when you are playing a 24-minute MPEG file and the elapsed playing time is 8'24"...



- The first pressing of the buttons skips the scene to the nearest multiple-of-5 playing time (except current playing time).
- This function does not work when remaining time to skip forward or back is under 5 minutes.

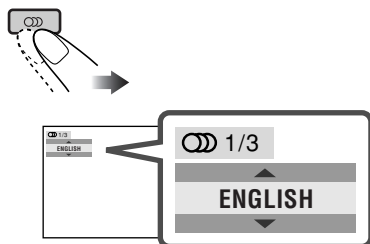
- See "Aspect" on page 33 for the detail.

Unique disc functions

Selecting audio languages

For DVD:

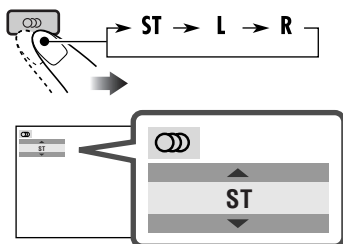
You can select the language to listen to if the disc has multiple audio languages.



Ex.: When the disc has 3 options

For VCD:

You can select the audio channel to play. (This is convenient when playing a Karaoke VCD.)



ST: To listen to normal stereo (left/right) playback.

L: To listen to the L (left) audio channel.

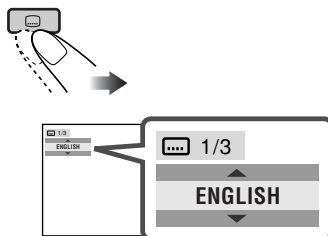
R: To listen to the R (right) audio channel.

Selecting subtitles

You can select the language of the subtitle to be shown on the monitor.



- You can set the initial subtitle language using the AV Menu (see page 34).

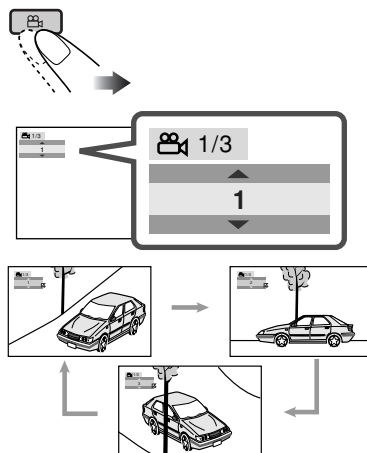


Ex.: When the disc has 3 options

- For some DVDs and VCDs, changing the subtitle language, audio language (or audio channel) without using the disc menu is prohibited.

Selecting multi-angle views

You can view the same scene at different angles if the disc has multi-angle views.



Ex.: When the disc has 3 multi-angle views

Disc menu operations

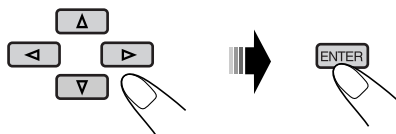
Menu-driven playback is possible while playing back a DVD with menu-driven features or a VCD with the PBC (PlayBack Control).

While playing a DVD



A title list or disc menu will appear on the monitor.

2 Select the item you want on the menu.



Selected item starts playback.

- On some discs, you can also select items by their numbers.

While playing a VCD

- When a list of items is displayed on the monitor.



- To select a number greater than 9, see “How to select a number” on page 9.

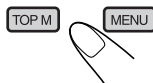
To return to the previous menus



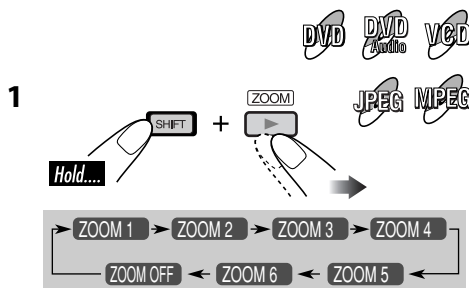
Canceling the PBC playback

- Press the 'STOP' button.
- Select a track to start normal playback using the number buttons (see page 9).

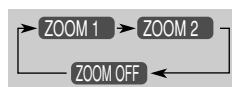
To resume the PBC function



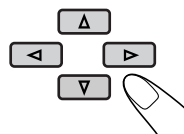
Zoom in



For JPEG disc (effective only when pausing):



2 Move the zoomed-in position.



- For JPEG files:
You cannot move the zoomed-in position when the entire picture is still displayed on the monitor.

To cancel zoom, select “ZOOM OFF” in step 1.

Playing back a bonus group

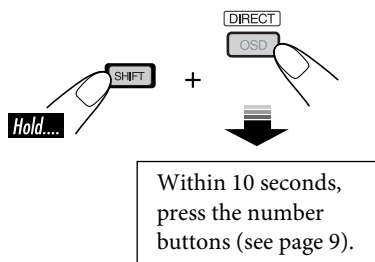
Some DVD Audio discs have a special group called “bonus group” whose contents are not open to the public.



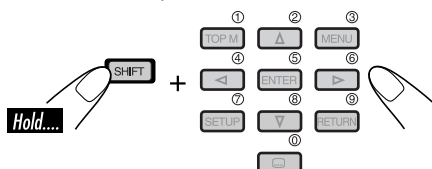
- To play back a bonus group, you have to enter the specific “key number” (a kind of password) for the bonus group. The way of getting the key number depends on the disc.

1 Select the bonus group.

- The bonus group is usually recorded as the last group (for example, if a disc contains four groups including a bonus group, “group 4” is the bonus group).



2 Enter the key number.



3 Follow the interactive instructions shown on the monitor.

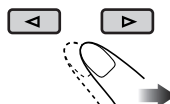
- The entered key number is cleared when the disc is ejected. Repeat steps 1 to 3 above to play back the bonus group again.

Selecting Browsable still pictures

While playing back a track linked to browsable still pictures (B.S.P.), you can select (turn the page) the still picture to be shown on the monitor.



- If a track is linked to B.S.P., they are usually shown in turn automatically during playback.



Disc surround playback

You can enjoy multichannel surround playback of the disc on the unit.

Available surround format

Dolby Digital*1: used to reproduce multichannel soundtracks of the software encoded with Dolby Digital (DOLBY DIGITAL).

Dolby Pro Logic II: Dolby Pro Logic II is a multichannel playback format to decode all 2 channel sources—stereo source and Dolby Surround encoded source—into 5.1 channels. Dolby Pro Logic II has two modes—Movie mode and Music mode:

- **Pro Logic II Movie**
Suitable for playing any Dolby Surround encoded software.
- **Pro Logic II Music**
Suitable for playing any 2-channel stereo software.

DTS (Digital Theater Systems)*2: used to reproduce multichannel soundtracks of the software encoded with DTS Digital Surround (DTS DIGITAL SURROUND).



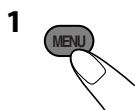
*1: Manufactured under license from Dolby Laboratories. Dolby, Pro Logic, MLP Lossless, and the double-D symbol are the trademarks of Dolby Laboratories.

*2: "DTS" and "DTS Digital Surround" are registered trademarks of Digital Theater Systems, Inc.

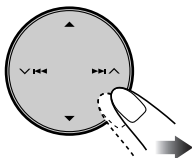
Selecting the surround mode

The unit is set up, by default, to select the optimal surround mode for the digital multichannel disc in the initial setting. You can also choose the surround mode for the 2 channel disc.

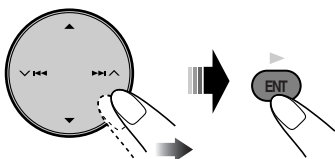
When DISC is selected as the source...



2 Select "Disc Surround".



3 Select the surround setting you want.



Surround Off:

Deactivate the surround function.

Surround On*1*2:

- **Auto***3: the optimum surround mode is selected automatically when multichannel digital signals are detected.
- **Dolby PLII Movie***4*5: Activate Dolby Pro Logic II Movie.
- **Dolby PLII Music***4*5*6: Activate Dolby Pro Logic II Music.

*1 No sound comes out of the rear speakers and the subwoofer when the FRONT 2CH indicator appears on the monitor.

*2 No sound comes out of the subwoofer when the FIX indicator appears on the monitor.

*3 Activates no surround function when the source is a CD (except for DTS CD)/VCD / MP3/WMA/WAV. Select "Dolby PLII Movie" or "Dolby PLII Music" manually to activate the surround function.

*4 Not selectable in the cases below:

- the disc has 2.1 or more channels of sound tracks (except for MPEG-encoded tracks).
- the disc is an MPEG disc.

*5 No sound comes out of the subwoofer when the front speaker size is set to "Large" (see page 35).

*6 When you select "Dolby PLII Music", you can adjust the following items: "Panorama" and "Center Width". Adjusting "Panorama" to "On" adds "wraparound" sound effect; Activating "Center Width" adjusts the center image so it may be heard only from the center speaker, only from the left/right front speakers as a "phantom" center image, or various combinations of these speakers. As the number increases, the "phantom" effect becomes stronger (normally select "4").

- No sound comes out of the center speaker when the surround function is not activated.
- Equalizer settings (page 38) become ineffective and unadjustable while the surround function is activated.
- No sound may come out of some speakers depending on the Speaker Size settings (page 35) or the type of the disc played back.
- When Dual Zone is activated, the surround settings become ineffective and unadjustable. No sound comes from the center speaker.

On the remote controller:



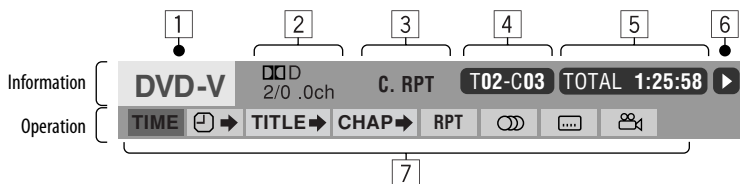
On-Screen disc operations

Operations using the on-screen bar

You can check the disc information and use some functions through the on-screen bar.



On-screen bar

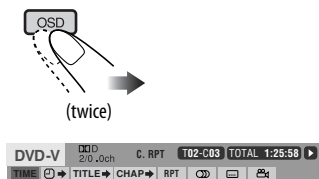


- | | |
|---|---|
| <p>1 Disc type</p> <p>2 • DVD Video/DVD Audio: Audio signal format type
• VCD: PBC</p> <p>3 Playback mode
DVD: T. RPT: Title repeat
C. RPT: Chapter repeat
DVD Audio:
T. RPT: Track repeat
VCD: T. RPT: Track repeat
D. RND: Disc random
T. INT: Track intro
Plays the beginning 15 seconds of the current track
JPEG: T. RPT: Track repeat
MPEG:
T. RPT: Track repeat
F. RPT: Folder repeat</p> <p>4 Playback information
T02-C03 Current title/chapter
G02-T03 Current group/track
TRACK 01 Current track
F001-T001 Current folder/track</p> <p>5 Time indication
TOTAL Elapsed playing time of the disc
T. REM Remaining disc time (for VCD)/
remaining title time (for DVD)
TIME Elapsed playing time of the current
chapter/track</p> | <p>REM Remaining time of the current
chapter/track</p> <p>6 Playback status
▶ Play
▶/◀ Forward/reverse search
▶/◀ Forward/reverse slow-motion
⏸ Pause
⏹ Stop</p> <p>7 Operation icons
TIME Change time indication (see 5)
▶ Time Search (Enter the elapsed playing
time of the current title or of the disc.)
TITLE▶ Title Search (by its number)
GROUP▶ Group Search (by its number)
CHAP▶ Chapter Search (by its number)
TRACK▶ Track Search (by its number)
◀ Change the audio language or audio
channel
⋮ Change the subtitle language
📺 Change the view angle
RPT Repeat play*
INT Intro play*
RND Random play*</p> |
|---|---|

* See also page 28.

Basic on-screen bar operations

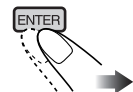
1 Display the on-screen bar.



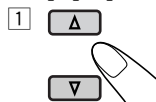
2 Select an item.



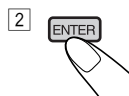
3 Make a selection.



- If pop-up menu appears....



or press the number buttons
(see page 9).

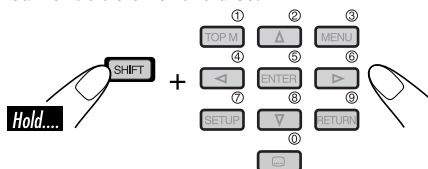


To erase the on-screen bar



To search for a particular point by playing time

- 1 Select .
- 2 Enter the elapsed playing time of the current title or of the disc.



- Ex.: • To enter 1 (hours): 02 (minutes): 00 (seconds), press 1, 0, 2, 0, then 0.
 • To enter 54 (minutes): 00 (seconds), press 0, 5, 4, 0, then 0.
 • It is always required to enter the hour digit (even “0” hour), but it is not required to enter trailing zeros (the last two digits in the examples above).
 • To correct a misentry, press....



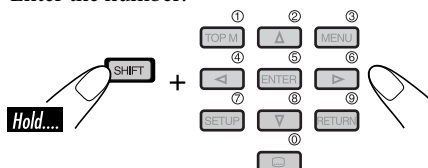
- You can also specify the elapsed playing time by using Δ / ∇ / $\triangleleft$ / $\triangleright$.

- 3 Finish the procedure.



To search for a particular title/group/chapter/track

- 1 Select **TITLE** (**GROUP** / **CHAP** / **TRACK** .
- 2 Enter the number.



- To correct a misentry, press the number button until the correct number is entered.

- 3 Finish the procedure.

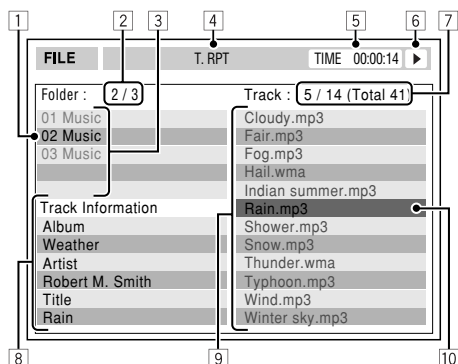


Basic control screen operations

You can search for and play the desired items through the control screen when using the external monitor.

- The control screen automatically appears on the monitor when you insert a disc (external monitor only).
- JPEG/MPEG control screen appears only when playback stops.
- Chinese characters cannot be shown correctly on the control screen.

Control screen



Ex.: MP3 playback

- 1 Current folder (Not appears on CD playback)
- 2 Current folder number/total folder number (Not appears on CD playback)
- 3 Folder list (Not appears on CD playback)
- 4 Selected playback mode
- 5 Elapsed playing time of the current track (Not appears on JPEG playback)
- 6 Operation mode icon
▶ (play), ■ (stop), || (pause), ►► (fast-forward), ◀◀ (reverse)
- 7 CD: Current track number/total number of tracks on the disc
Others: Current track (file) number/total number of tracks (files) in the current folder (total number of tracks/files on the disc)

- 8 Track information (Not appears on JPEG/MPEG playback)
- 9 Track (file) list
- 10 Current track (file) (highlighted bar)

To select a folder or track

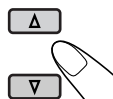


While Dual Zone (see page 30) is on....

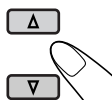
- 1 Select "Folder" column or "Track" column on the control screen.



- 2 Select a folder or track.

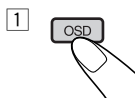


To select a track

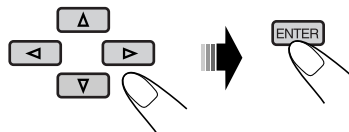


To change the playback mode

While Dual Zone (see page 30) is on....



- 2 Select a playback mode (see page 28) you want.



List screen operations

You can display the folder list/track list before starting play when using the external monitor and Dual Zone function (see page 30). On this list, you can confirm the contents and start playing a disc.

- Chinese characters cannot be shown correctly on the list screens.

Folder/track list screens



Folder list

1	2	3	
Folder : 153/240	Track 154/198	Page : 4/6	
fol130	fol140	fol150	fol160
fol131	fol141	fol151	fol161
fol132	fol142	fol152	fol162
fol133	fol143	fol153	fol163
fol134	fol144	fol154	fol164
fol135	fol145	fol155	fol165
fol136	fol146	fol156	fol166
fol137	fol147	fol157	fol167
fol138	fol148	fol158	fol168
fol139	fol149	fol159	fol169
		4	

Track list

1	2	3	
Folder : 153/240	Track 154/198	Page : 4/6	
file0131.mp3	file0141.mp3	file0151.wma	file0161.wma
file0132.mp3	file0142.mp3	file0152.mp3	file0162.mp3
file0133.wma	file0143.mp3	file0153.wma	file0163.wma
file0134.mp3	file0144.mp3	file0154.mp3	file0164.mp3
file0135.mp3	file0145.wma	file0155.mp3	file0165.wma
file0136.wma	file0146.mp3	file0156.mp3	file0166.wma
file0137.wma	file0147.wma	file0157.mp3	file0167.wma
file0138.mp3	file0148.mp3	file0158.wma	file0168.wma
file0139.mp3	file0149.wma	file0159.wma	file0169.mp3
file0140.wma	file0150.wma	file0160.wma	file0170.wma
		4	

Ex.: Track list for MP3/WMA

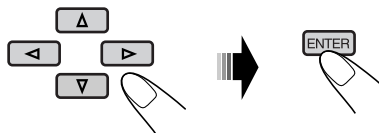
While Dual Zone is on and the disc play stops...

1 Display the folder list.



Each time you press the button, the list screen comes on and goes off.

2 Select a folder on the list.

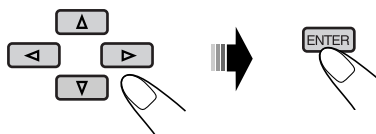


The track list of the selected folder appears.

To go back to the folder list



3 Select a track on the list.



- Current folder number/total folder number
- Current track number/total number of tracks in the current folder.
- Current page/total number of the pages included in the list
- Current folder/track (highlighted bar)

Other disc operations

Selecting the playback modes

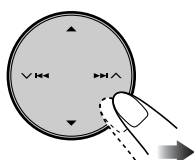
You can use only one of the following playback modes at a time.

1



(On the unit)

2 Select "Mode", then your desired playback mode.



3 Finish the procedure.



Playback mode indicator appears.



Selectable modes

Off

Deactivates Intro/Repeat/Random playback.

Intro



- For VCD: While PBC (see page 21) is not in use.

Mode Plays the first 15 seconds of

- Track:** All tracks of the disc.
- INT lights up.
- Folder*1:** First tracks of all folders.
- INT lights up.
- Off:** Cancels.

*1 Only while playing a disc containing folders.

Repeat



- For VCD: While PBC (see page 21) is not in use.

Mode Plays repeatedly

- Chapter*2:** The current chapter.
- CHAR RPT lights up.
- Title*2:** The current title.
- TITLE RPT lights up.
- Track*3:** The current track.
- RPT lights up.
- Folder*1:** All tracks of the current folder.
- RPT lights up.
- Off:** For DVD: Cancels Repeat play.
For other discs: All tracks of the disc.

*2 Only while playing a DVD disc.

*3 Except for DVD and JPEG discs.

Random



- For VCD: While PBC (see page 21) is not in use.

Mode Plays at random

- Folder*1:** All tracks of the current folder, then tracks of the next folder and so on.
- RND lights up.
- Disc:** All tracks of the disc.
- RND lights up.
- Off:** Cancels.

List screen operations

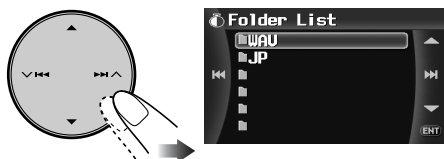
You can display the folder list/file list and select a file directly while playing.

While playing....

- 1  (On the unit)



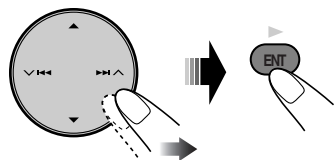
- 2 Select "Mode", then "List".



- 3 Select a folder you want.



- 4 Select a file you want to play.

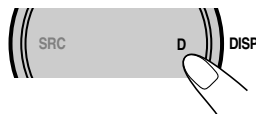


- You can also access the folder list by pressing and holding  /  on the unit.

Other operations

Monitor indication control

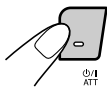
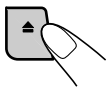
To change monitor indication

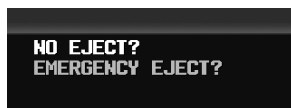


- Each time you press DISP (D), the display changes between the source screen and picture playback.

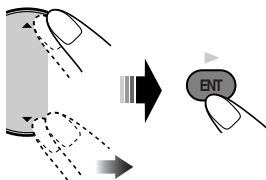
Prohibiting disc ejection

You can lock a disc in the loading slot.

- 1  +  **Hold...**



- 2 Select "NO EJECT?".



"No Eject" flashes.

To cancel the prohibition, repeat the same procedure to select "EJECT OK?".

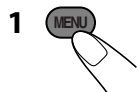
Dual Zone operations

Playing back two sources at a time

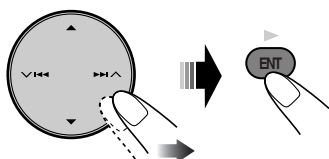
You can connect external audio equipment to the 2nd AUDIO OUT plug on the rear, and play back a disc separately from the source selected on the unit.

You can activate Dual Zone while listening to any source.

- When Dual Zone is in use, you can only operate the DVD/CD player using the remote controller.
- When Dual Zone is in use, the surround settings (page 23) become ineffective and unadjustable. No sound comes from the center speaker.



- 2 Select “Dual Zone”, then “On” or “On-Surround”.



Off: Deactivate Dual Zone.

On: Activate Dual Zone.

On-Surround*1*2.

Activate Dual Zone and add the headphone Surround*3 effect to the disc playback sound. Select this when listening the disc playback sound with headphones.

*1 Not effective when playing back an MPEG disc.

*2 The surround effect is also added to the sound from the speakers when you select “DISC” as the source.

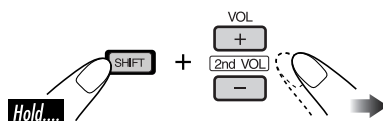
*3 JVC original headphone virtual surround system.

The source automatically changes to “DISC” and **DUAL** appears on the monitor.

To select a different source to listen through the speakers, press **SRC** on the control panel.

- By using the buttons on the control panel, you can operate the newly selected source without affecting Dual Zone operations.

- 3 Adjust the volume through the 2nd AUDIO OUT plug using the remote controller.

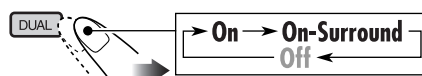


- 4 Operate the DVD/CD player using the remote controller by referring to the monitor screen.

To cancel Dual Zone operations, select “Off” on step 2 on the left column. (**DUAL** / **DUAL-SURR** disappears.)

On the remote controller:

You can also activate and deactivate Dual Zone.



To change the Dual Zone mode between “On” and “On-Surround”, select the Dual Zone mode you want on step 2 on the left column.

About sounds reproduced through the rear terminals

Through the 2nd AUDIO OUT, 2 channel signal is emitted. When playing a multi-channel encoded disc, multi-channel signals are downmixed.

Basic procedure

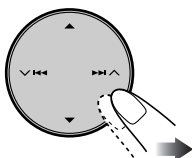
You can adjust various settings of this unit from the AV Menu.

The AV Menu contains the menu items and submenus shown on the figure below.

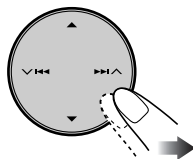
1



2 Select a menu item you want to set.

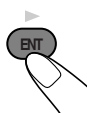


3 adjust the item selected.



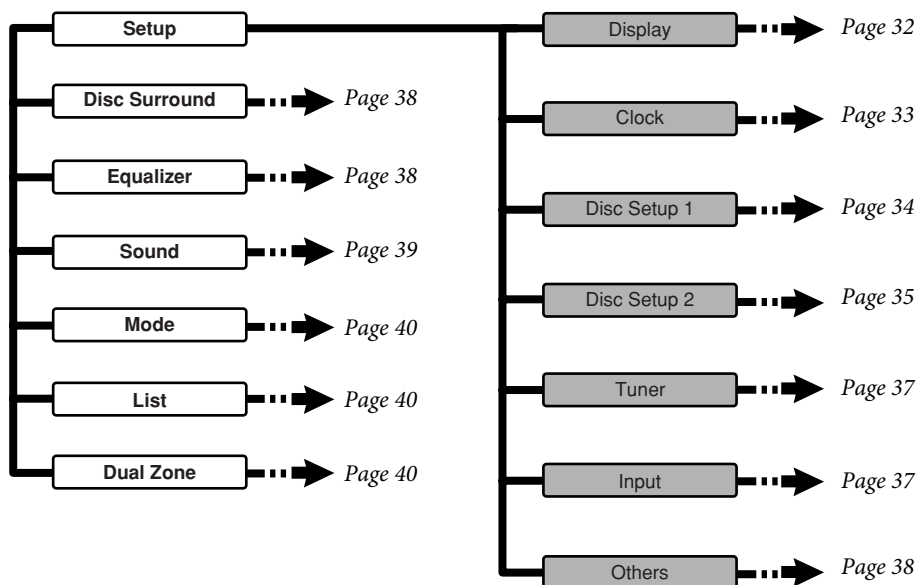
4 Repeat steps 2 and 3 to adjust other items if necessary.

5 Finish the procedure.



- See also “Basic procedure of AV Menu operation” on page 11 for more details of the operation.

Menu items of AV Menu



AV Menu items

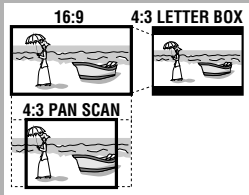
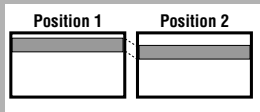
		Indications	Selectable settings, [reference page]
Display	Wall Paper		You can select the background picture of the monitor. Standard [Initial], Rose, Gold, Black, Metal, Honeycomb-Red, Honeycomb-Green, Clown fish, Ocean, Earth.
	Scroll		Off: Cancels. Once: [Initial]; Scrolls the disc information once. Auto: Repeats scrolling (5-second intervals). • Even if “Scroll” is set to “Off”, you can scroll the display by pressing D DISP for more than one second.
	Tag Display		Off: Cancels. On: [Initial]; Shows the tag data while playing MP3/WMA/WAV tracks.
	Dimmer		Off: Cancels. On: Activates dimmer. Auto: [Initial]; Dims the monitor when you turn on the headlights. Time Set: Sets the Dimmer On/Off time.
	Bright		You can adjust brightness of the monitor. –15 (darkest) to +15 (brightest) [Initial]; 00 • To adjust the brightness of playback picture, adjust “Bright” on “Screen Control” below.
	Screen Control ^{*1}		You can adjust color and brightness of playback pictures of “DISC” and “AV-IN”. The setting is stored separately for “DISC” and “AV-IN”. –15 to +15 [Initial]; 00 Bright: Adjust if the picture is too bright or too dark. Contrast: Adjust the contrast of the bright and dark portion. Color: Adjust the color of the picture—lighter or darker. Tint: Adjust the tint if the human skin color is unnatural.

^{*1} Adjustable only when the source is a disc containing pictures or movies, or “AV-IN”.

Display

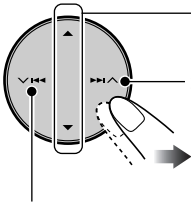
Indications	Selectable settings, [reference page]																					
Aspect ^{*1}	You can change the screen shape on the monitor according to the aspect ratio of the source. Choose the optimum one from the followings.																					
	<table><tr><td></td><th colspan="2">Aspect ratio of incoming signal</th></tr><tr><td></td><th>4:3</th><th>16:9</th></tr><tr><td>Normal: For original shape of 4:3</td><td></td><td></td></tr><tr><td>Full: [Initial]; For original shape of 16:9</td><td></td><td></td></tr><tr><td>Just:</td><td></td><td></td></tr><tr><td>Zoom:</td><td></td><td></td></tr><tr><td>Auto:</td><td colspan="2">The shape is selected automatically from above according to the incoming signal.</td></tr></table>		Aspect ratio of incoming signal			4:3	16:9	Normal: For original shape of 4:3			Full: [Initial]; For original shape of 16:9			Just:			Zoom:			Auto:	The shape is selected automatically from above according to the incoming signal.	
		Aspect ratio of incoming signal																				
		4:3	16:9																			
	Normal: For original shape of 4:3																					
	Full: [Initial]; For original shape of 16:9																					
	Just:																					
Zoom:																						
Auto:	The shape is selected automatically from above according to the incoming signal.																					
	You can also adjust the screen shape by pressing ASPECT (A) on the control panel or ASPECT on the remote controller. [19]																					
NTSC/PAL	Select the color system (NTSC or PAL) of your playback disc. [Initial]; PAL Turn off the power and turn on it again to make the new setting effective.																					
Language	You can select the indication language shown on the monitor. English [Initial], Chinese Simple, Chinese Trad. Turn off the power and turn on it again to make the new setting effective.																					
Clock	Time Set	You can adjust the internal clock on the unit. [10] [Initial]; 1: 00 AM																				
	12Hours / 24Hours	12Hours / 24Hours, [11] [Initial]; 12Hours																				

^{*1} Adjustable only when the source is DVD, VCD, JPEG, or MPEG disc.

Indications	Selectable settings, [reference page]
Menu Language^{*1}	Select the initial disc menu language.
Audio Language^{*1}	Select the initial audio language.
Sub Title^{*1}	Select the initial subtitle language or erase the subtitle (OFF).
OSD Language^{*1}	Select the language for some indications shown on the external monitor.
Monitor Type 	Select the monitor type to watch a wide screen picture on your monitor. • 16:9: [Initial]; Select this when the aspect ratio of your monitor is 16:9. • 4:3LB [LETTER BOX]: Select this when the aspect ratio of your monitor is 4:3. While viewing a wide screen picture, the black bars appear on the top and the bottom of the screen. • 4:3PS [PAN SCAN]: Select this when the aspect ratio of your monitor is 4:3. While viewing a wide screen picture, the black bars do not appear; however, the left and right edges of the pictures will not be shown on the screen.
OSD Position 	Select the position of the on-screen bar. [24] • 1: [Initial]; Higher position • 2: Lower position
File Type	Select playback file type when a disc contains different types of files. • Audio: [Initial]; Plays back MP3/WMA/WAV files. • Picture: Plays back JPEG files. • Video: Plays back MPEG 1/2 files.

^{*1} For the language settings, see also the language codes list on page 48.

^{*2} Selectable only when the source is DISC and playback stops.

Indications	Selectable settings, [reference page]
D. (Dynamic) Range Compres. (Compression)^{*1}	You can enjoy a powerful sound at low or middle volume levels while playing a Dolby Digital software. • AUTO : Select this to apply the effect to multi-channel encoded software (excluding 1-channel and 2-channel software). • ON: [Initial]; Select this to always use this function.
Speaker Size^{*1} 	You can adjust the speaker size setting for the front/rear speakers and the center speaker according to the speaker you use when the source is a disc and playback stops. • Front SPK: Small, Large [Initial] • Center SPK: None [Initial], Small, Large^{<1>} • Rear SPK : None^{<2>}, Small, Large [Initial] • Subwoofer: On [Initial], Off^{<2>} • Speaker size: "Large" for 13-cm diameter or more; "Small" for 13 cm or less. ^{<1>} Not selectable when "Large" is selected neither for the front nor the rear speakers. ^{<2>} Not effective when the surround function is not in effect.  • When selecting "None" or "Off" for all speakers other than the front... – Disc Surround setting [38] automatically changes to "Surround Off". – Disc Surround setting [38] becomes unadjustable.

^{*1} Selectable only when the source is DISC and playback stops.

^{*2} Selectable only when DISC is the source.

Indications

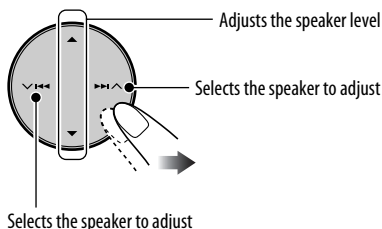
Selectable settings, [reference page]

Speaker Level^{*1}

You can adjust the output level of each speaker monitoring the test tone.

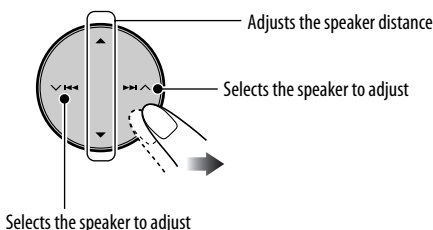
Press and hold ENT to activate (or cancel) the test tone.

- **Front Lch/Center ch/Front Rch/Rear Rch/Subwoofer^{*2}/Rear Lch:** adjust the output level of each speaker in the range of -10dB ~ +10dB. [Initial]; 00dB

Speaker Distance^{*4}

You can adjust the speaker output timing separately for each speaker according to the distance from the speakers to the listening position.

- **Front Lch/Center ch/Front Rch/Rear Rch/Rear Lch:** adjust the speaker distance in the range of 15 cm to 600 cm in 15-cm step. [Initial]; 120 cm (for center speaker), 150 cm (for the other speakers)



^{*1} When activating the test tone, white noise comes out and cycles between the speakers activated on "Speaker Size" [35] for about 2 seconds each. Press ▲ / ▼ repeatedly while the test tone comes out from the target speaker to adjust the settings (the test tone continues to come out from the target speaker during the adjustment).

^{*2} The setting is effective only when a multi-channel source is played back and Disc Surround is on, or when Dolby PLII Movie/Music is in effect. Adjust the level on "Subwoofer" [39] for other cases.

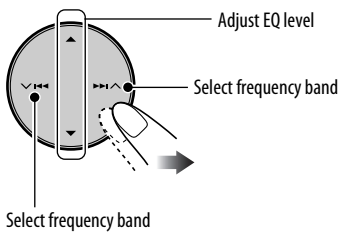
^{*3} Selectable only when DISC is the source.

^{*4} Unselectable when all the speakers other than front ones are deactivated on "Speaker Size" [35].

	Indications	Selectable settings, [reference page]
Tuner	IF Band Width	In some areas, adjacent stations may interfere with each other. If this interference occurs, noise may be heard. Auto: [Initial]; Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.) Wide: Subject to the interference from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.
	AV Input	You can determine the use of LINE IN and VIDEO IN jacks. Off: Select when you do not need AV-Input as a source (AV-IN is deleted from the source items). Audio&Video: [Initial]; Select this when connecting an AV component such as a VCR. Audio: Select this when connecting an audio component such as a cassette deck. Camera^{*1}: Select when connecting the rear view camera. Camera Reverse^{*1}: The mirror image of the rear view is displayed on the monitor. (The monitor on the receiver only; the normal rear view appears on the external monitor.)
Input	External Input	Changer/iPod/D. Player^{*2}: [Initial]; To use a JVC CD changer, iPod, JVC D. player, etc. [42, 45] External Input: To use any external component other than above. [44]

^{*1} Reverse lamp wire connection is required. See Installation/Connection Manual (separate volume). The rear view through the camera appears on the monitor in "Full" aspect ratio (regardless of the aspect ratio setting) when you shift the gear to the reverse (R) position.

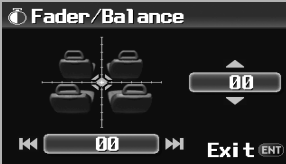
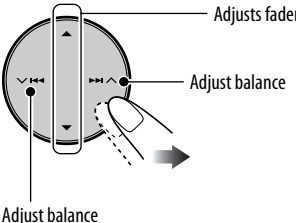
^{*2} The source indication changes automatically depending on the type of external component connected.

	Indications	Selectable settings, [reference page]
Others	Beep	You can deactivate the key-touch tone if you do not want it to beep each time you press a button. Off: Cancels. On: [Initial]; Activates the key-touch tone.
	Telephone Muting	Off: [Initial]; Cancels. Muting1/Muting2: Select either one which mutes the sounds while using the cellular phone.
Disc Surround ^{*1}	Surround Off	Select to deactivate the surround function.
	Surround On	Select to activate the surround function. [23] Auto [Initial], Dolby PLII Movie ^{*2} , Dolby PLII Music ^{*2}
Equalizer ^{*3}	Flat/Hard Rock/R&B/Pop/Jazz/Dance/Country/Reggae/Classic/User 1/User 2/User 3 	You can select a preset equalizer settings. [Initial]; Flat You can adjust the sound modes and store your own adjustments in User 1/2/3. 1 Select the frequency band to adjust— 60 Hz, 150 Hz, 400 Hz, 1kHz, 2.5kHz, 6.3kHz, 15kHz. 2 Adjust the level of the selected band (–05 to +05). 3 Repeat steps 1 and 2 to adjust other frequency bands. 4 Press ENT. 5 Select the preset name (User 1, User 2, User 3) you want to store the setting into. 6 Press ENT. 

^{*1} Selectable only when DISC is the source.

^{*2} For the menu items of “Dolby PLII Movie” and “Dolby PLII Music”, see page 23.

^{*3} Not selectable when DISC is the source and the surround function is activated (see page 23).

Indications	Selectable settings, [reference page]
Fader/Balance 	Adjust fader—speaker output balance between the front and rear speakers. • Upmost—front only • Downmost—rear only When using a two-speaker system, set the fader to the center (00). Adjust balance—speaker output balance between the left and right speakers. • Leftmost—left only • Rightmost—right only Press ENT to finish the procedure. 
Volume Adjust	Adjust and store the volume level of each source except FM. Once you have made an adjustment, it is memorized, and the volume level will automatically increase or decrease by adjusted level when you change the source. Adjust to match the input level to the FM sound level. • -12 (min.) to +12 (max.) [Initial: 00]
Subwoofer	Adjust the settings below in the submenu: • Phase: Subwoofer phase. Select either “Normal” or “Reverse”, which reproduces a better sound. • Level*¹: Subwoofer output level. Level: -06 (dB) to +08 (dB) [Initial: 00 (dB)].
High Pass Filter	Through: [Initial]; Select when the subwoofer is not connected. On: Select when the subwoofer is connected.
Crossover	Adjust the crossover frequency between the front/rear speakers and the subwoofer. 80Hz, 120Hz [Initial], 150Hz

*¹ The setting is ineffective when a multi-channel source is played back and Disc Surround is on, or when Dolby PLII Movie/Music is in effect. Adjust the level on “Speaker Level” [36] for the cases.

	Indications	Selectable settings, [reference page]
Sound	Amplifier Gain	You can change the maximum volume level of this receiver. Amplifier Off: Deactivates the built-in amplifier. Low Power: VOL 00 – VOL 30 (Select this if the maximum power of the speaker is less than 50 W to prevent the speaker from being damaged.) High Power: [Initial]; VOL 00 – VOL 50
	Rear Speaker*1	You can activate/deactivate the rear speakers. Off, On [Initial]
Mode	Mono*2	Activate when the FM broadcasting is hard to receive. [12] Off [Initial], On
	DX / Local*2	Select FM reception sensitivity. [12] DX [Initial], Local
	SSM*2	Search for FM stations and store them as preset stations automatically. [13]
	Title Entry*3	You can enter names for preset stations, specific source name for AV Input and External Input, etc. [41]
	Off/Intro/Repeat/Random*4	You can select the playback mode of the disc in the unit and the discs in the CD changer [28, 43]
List		Select radio stations, folders, files and discs from the list on the screen. [14, 29, 42] The accessible lists differ depending on the sources.
Dual Zone		Activate/deactivate the Dual Zone function. [30] Off [Initial], On, On-Surround

*1 Functions only when Dual Zone is activated. (See page 30)

*2 Appears only when Tuner is the source.

*3 Appears when the source is below: Tuner, AV-IN, EXT-IN, CD-CH, or conventional CD.

*4 Selectable playback mode differs depending on the disc type. For the available playback mode, see page 28 and 43.

Other main functions

Assigning titles to the sources

You can assign titles to station frequencies and CDs (both in this receiver and in the CD changer), and change the source names of AV-INPUT and EXT-INPUT.

Sources	Maximum number of characters
FM/AM tuner	Up to 16 characters (up to 30 station frequencies)
AV-INPUT/EXT-INPUT	Up to 16 characters
DISC/CD-CH	Up to 32 characters (up to 30 discs)

- You can assign a title only to the conventional CD (CD-DA).

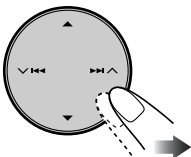
1 Select the source.

- For FM/AM tuner: Tune in to a station.
- For AV-IN/EXT-IN: Select the source.
- For a CD in this receiver: Insert a CD.
- For CDs in the CD changer: Select "CD-CH", then select a disc number.

2



3 Select "Mode", then "Title Entry".



Ex.: When you select "AV-IN" as the source

4 Assign a title.

- Select a character set.



- Select a character.



- For available characters, see page 3.

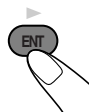
- Move to the next (or previous) character position.



- Repeat steps 1 to 3 until you finish entering the title.



5 Finish the procedure.



To erase the entire title

In step 3 on the left column....



CD changer operations

About the CD changer

It is recommended to use the JVC MP3-compatible CD changer with your unit.

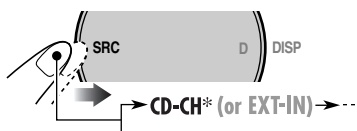
- Disc text information recorded in the CD Text can be displayed when a JVC CD Text compatible CD changer is connected.

Before operating your CD changer:

- Refer also to the Instructions supplied with your CD changer.
- You cannot control and play any DVD Video/Audio, VCD, WMA, WAV, MPEG, or JPEG disc in the CD changer.

All tracks of the inserted discs in the magazine will be played repeatedly until you change the source or eject the magazine from the CD changer.

1



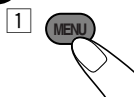
* If you have changed "External Input" setting to "External Input" (see page 37), you cannot select the CD changer.



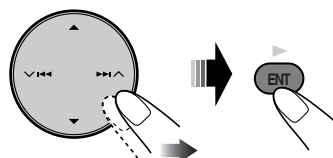
Selected disc number

2

Select a disc.

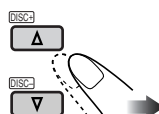


- 2 Select "List", then the disc you want to play back.



- When the current disc is an MP3 disc, you can move to FOLDER LIST by pressing **▶▶** **▲**.
- Tags and other text information in Chinese cannot be shown correctly.

When using the remote controller....



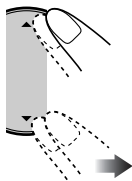
To fast-forward or reverse the track



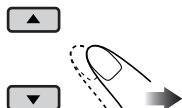
To go to the next or previous tracks



To go to the next or previous folders (only for MP3 discs)

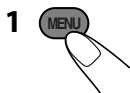


When using the remote controller....

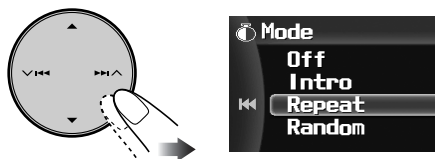


Selecting the playback modes

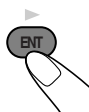
You can use only one of the following playback modes at a time.



2 Select "Mode", then your desired playback mode.



3 Finish the procedure.



Selectable modes

Off

Deactivates Intro/Repeat/Random playback.

Intro

Mode	Plays the first 15 seconds of
------	-------------------------------

Track:	All tracks of the inserted discs. • INT lights up.
Folder*:	First tracks of all folders in the current disc. • INT lights up.
Disc:	First tracks of all the inserted discs. • INT lights up.
Off:	Cancels.

Repeat

Mode	Plays repeatedly
------	------------------

Track:	The current track. • RPT lights up.
Folder*:	All tracks of the current folder. • RPT lights up.
Disc:	All tracks of the current disc. • RPT lights up.
Off:	Cancels.

Random

Mode	Plays at random
------	-----------------

Folder*:	All tracks of the current folder, then tracks of the next folder and so on. • RND lights up.
Disc:	All tracks of the current disc. • RND lights up.
All:	All tracks of the inserted discs. • RND lights up.
Off:	Cancels.

* Only while playing an MP3 disc

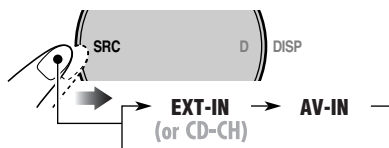
External component operations

Playing an external component

You can connect an external component to LINE IN plug and VIDEO IN plug on the rear, or to the CD changer jack on the rear using the KS-U57 Line Input Adapter (not supplied) or KS-U58 AUX Input Adapter (not supplied).

- For connection, see Installation/Connection Manual (separate volume).

1



AV-IN: For selecting the external component connected to the LINE IN and/or VIDEO IN.

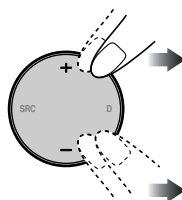
- To change the setting of AV INPUT, see page 37.

EXT-IN: For selecting the external component connected to the CD changer jack on the rear.

- If “EXT-IN” does not appear, see page 37 and select the external input (EXT-IN).

2 Turn on the connected component and start playing the source.

3 Adjust the volume.



4 Adjust the equalizer as you want. (See pages 38.)

iPod®/D. player operations

This unit is ready for operating an Apple iPod or a JVC D. player from the control panel.

- You can also use the equivalent buttons on the remote controller in the operations below.

Before operating your iPod or D. player:

Connect either one of the following (separately purchased) to the CD changer jack on the rear of this unit.

- **Interface adapter for iPod**—KS-PD100 for controlling an iPod.
- **D. player interface adapter**—KS-PD500 for controlling a D. player.

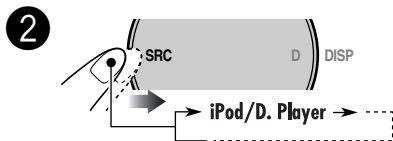
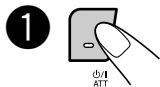
- For connection, see Installation/Connection Manual (separate volume).
- For details, refer also to the manual supplied with the interface adapter.

Cautions:

Make sure to turn off this unit or turn off the vehicle's ignition switch before connecting or disconnecting the iPod or D. player.

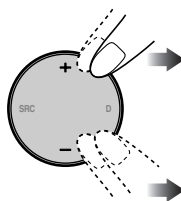
Preparations:

Make sure "Changer/iPod/D. Player" is selected for the external input setting, see page 37.



Playback starts automatically from where it has been paused (iPod) or stopped (D. player) previously.

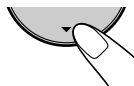
3 Adjust the volume.



4 Adjust the equalizer as you want. (See pages 38.)

- Make sure the equalizer on the iPod or D. player is deactivated.

To pause (iPod) or stop (D. player) playback



To resume playback, press it again.

To fast-forward or reverse the track



To go to the next or previous tracks



Selecting a track from the menu

- 1 Enter the main menu of the iPod or D. player.



Now the ▲/▼/◀/▶/⏮/⏭/⏪/⏩ buttons work as the menu selecting buttons*1.

- 2 Select the desired menu.



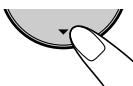
For iPod:

Playlists ↔ Artists ↔ Albums ↔
Composers ↔ Genres ↔ Songs ↔

For D. player:

Playlist ↔ Artist ↔ Album ↔
Track ↔ Genre ↔

- 3 Confirm the selection.



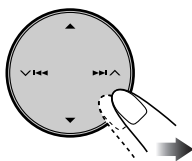
To move back to the previous menu, press ▲.

- If a track is selected, playback starts automatically.
- If the selected item has another layer, you will enter the layer. Repeat steps 2 and 3 until the desired track is confirmed.
- Holding ▼/⏮/⏭/⏪/⏩ can skip 10 items at a time.

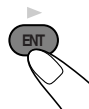
*1 The menu selecting mode will be canceled:

- If no operations are done for about 5 seconds.
- When you confirm the selection of a track.

- 2 Select “Mode”, then your desired playback mode.



- 3 Finish the procedure.



Selectable modes

Off

Deactivates Repeat/Random playback.

Repeat

Mode	Plays repeatedly
One:	Functions the same as “Repeat One” of the iPod or “Repeat Mode One” for the D. player. • RPT lights up.
All:	Functions the same as “Repeat All” of the iPod or “Repeat Mode All” for the D. player. • ALL RPT lights up.
Off:	Cancels.

Random

Mode	Plays at random
Album:	Functions the same as “Shuffle Album” of the iPod • RND lights up.
Song:	Functions the same as “Shuffle Songs” of the iPod. • SONG RND lights up.
On:	Functions the same as “Random Play On” of the D. player. • RND lights up.
Off:	Cancels.

Selecting the playback modes

1

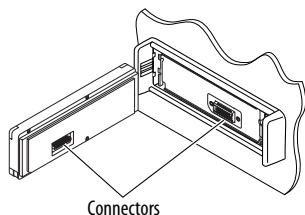


Maintenance

How to clean the connectors

Frequent detachment will deteriorate the connectors.

To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.



Moisture condensation

Moisture may condense on the lens inside the DVD/CD player in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the DVD/CD player may malfunction. In this case, eject the disc and leave the receiver turned on for a few hours until the moisture evaporates.

How to handle discs

When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

Center holder



- Always hold the disc by the edges. Do not touch its recording surface.

When storing a disc into its case, gently insert the disc around the center holder (with the printed surface facing up).

- Make sure to store discs into the cases after use.

To keep discs clean

A dirty disc may not play correctly. If a disc does become dirty, wipe it with a soft cloth in a straight line from center to edge.



- Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzene, etc.) to clean discs.

To play new discs

New discs may have some rough spots around the inner and outer edges. If such a disc is used, this receiver may reject the disc.



To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

Do not use the following discs:

Warped disc



Sticker



Sticker residue



Stick-on label

Language codes

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

More about this receiver

Basic operations

Turning on the power

- By pressing SRC on the receiver, you can also turn on the power.

Selecting the sources

- When no disc is loaded in the receiver and Dual Zone is off, "DISC" cannot be selected.
- Without connecting to the CD changer, "CD-CH" cannot be selected.

Turning off the power

- If you turn off the power while listening to a disc, disc play will start automatically, next time you turn on the power.

Tuner operations

Storing stations in memory

- During SSM search...
 - All previously stored stations are erased and stations are stored newly.
 - Received stations are preset in No. 1 (lowest frequency) to No. 6 (highest frequency).
 - When SSM is over, the station stored in No. 1 will be automatically tuned in.
- When storing a station manually, a previously preset station is erased when a new station is stored in the same preset number.

Disc operations

General

- In this manual, words "track" and "file" are interchangeably used when referring to the music/picture/movie files and their file names.
- This receiver can also play back 8 cm discs.
- This receiver can only play back audio CD (CD-DA) files if different type of files are recorded in the same disc.
 - The first track will be skipped if a different type of file is detected first.
- When a disc has been loaded, selecting "DISC" for the playback source starts disc play.

Changing the source

- If you change the source, playback also stops (without ejecting the disc).
Next time you select "DISC" for the playback source (without activating Dual Zone), disc play starts automatically.

Ejecting a disc

- If the ejected disc is not removed within 15 seconds, the disc is automatically inserted again into the loading slot to prevent it from dust. (Disc will not play this time.)

Playing a Recordable/Rewritable disc

- Use only “finalized” discs.
- This receiver can play back either MP3/WMA/WAV files, JPEG files, or MPEG files if a disc includes any of the files. Set the playback file type on AV Menu (page 34) before playing back a disc containing files of different kinds.
- Only for CD-R/CD-RW: This receiver can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- Some Recordable/Rewritable discs may not play back on this receiver because of their disc characteristics, and for the following causes:
 - Discs are dirty or scratched.
 - Moisture condensation occurs on the lens inside the receiver.
 - The pickup lens inside the receiver is dirty.
 - Discs on which the files are written with “Packet Write” method.
 - Discs which are not written in UDF-Bridge Format (eg. UDF format or ISO format).
 - There are improper recording conditions (missing data, etc.) or media conditions (stain, scratch, warp, etc.).
- Rewritable discs may require a longer readout time.
- Do not use the following discs:
 - Discs with stickers, labels, or protective seal stuck to the surface.
 - Discs on which labels can be directly printed by an ink jet printer.

Using these discs under high temperatures or high humidities may cause malfunctions or damages to discs.

Playing an MP3/WMA/WAV disc

- This receiver can play back MP3/WMA/WAV files with the extension code <.mp3>, <.wma> or <.wav> (regardless of the letter case—upper/lower).
- This receiver can show the names of albums, artists (performer), and Tag (Version 1.0, 1.1, 2.2, 2.3, or 2.4) for MP3/WMA/WAV files.
- This receiver can play back MP3/WMA/WAV files meeting the conditions below:
 - Bit rate: MP3: 32 kbps — 320 kbps
WMA: 32 kbps — 320 kbps
 - Sampling frequency:
48 kHz, 44.1 kHz, 32 kHz (for MPEG-1)
24 kHz, 22.05 kHz, 16 kHz (for MPEG-2)
48 kHz, 44.1 kHz, 32 kHz (for WMA)
44.1 kHz (for WAV)
 - Disc format: ISO 9660 Level 1/ Level 2, Romeo, Joliet, Windows long file name
- The maximum number of characters for file/folder names vary among the disc format used (includes 4 extension characters—<.mp3>, <.wma>, or <.wav>).
 - ISO 9660 Level 1: up to 12 characters
 - ISO 9660 Level 2: up to 31 characters
 - Romeo: up to 128 characters
 - Joliet: up to 64 characters
 - Windows long file name: up to 128 characters
- This receiver can recognize the total of 3500 files, 250 folders (maximum of 999 files per folder).

- This receiver can play back the files recorded in VBR (variable bit rate).
The files recorded in VBR have a discrepancy in elapsed time display, and do not show the actual elapsed time. Especially, after performing the search function, this difference becomes noticeable.
- This receiver cannot play back the following files:
 - MP3 files encoded with MP3i and MP3 PRO format.
 - MP3 files encoded in an unappropriated format.
 - MP3 files encoded with Layer 1/2.
 - WMA files encoded with lossless, professional, and voice format.
 - WMA files which are not based upon Windows Media® Audio.
 - WMA files copy-protected with DRM.
 - WMA files recorded with MBR (Multiple Bit Rate) format.
 - Files which have the data such as AIFF, ATAC3, etc.

Playing a JPEG disc

- It is recommended that you record a file at 640 x 480 resolution. (If a file has been recorded at a resolution of more than 640 x 480, it will take a long time to be shown.)
- This System can play only baseline JPEG files. Progressive JPEG files or lossless JPEG files cannot be played.
Baseline JPEG format: Used for digital cameras, web, etc.
Progressive JPEG format: Used for web.
Lossless JPEG format: An old type and rarely used now.
- If progressive or lossless JPEG files are played back, a black screen appears. In this case, stop playback and select a baseline JPEG file. Note that it may take a long time to select another file.

Playing an MPEG disc

- This receiver can play back MPEG 1/2 files with the extension code <.mpg>.
- Audio stream should conform to MPEG1 Audio Layer 2.

AV Menu

- When the language you have selected is not recorded on a disc, the original language is automatically used as the initial language. In addition, for some discs, the initial languages settings will not work as you set due to their internal disc programming.
After you change any of these language settings, eject the disc and insert it (or another disc) again so that your setting takes effect.
- When you select “16:9” for a picture whose aspect ratio is 4:3, the picture slightly changes due to the process for converting the picture width.
- Even if “4:3PS [PAN SCAN]” is selected, the screen size may become “4:3LB [LETTER BOX]” with some DVDs.
This depends on how they are recorded.
- If you change the “Amplifier Gain” setting from “High Power” to “Low Power” while the volume level is set higher than “VOL 30”, the receiver automatically changes the volume level to “VOL 30”.

Other main functions

- If you try to assign a title to a 31st station or 31st disc, “Name Full” flashes on the monitor. Delete unwanted titles before assignment.
- Titles assigned to discs in the CD changer can also be shown if you play back the disc on the receiver.

iPod® or D. player operations

- When you turn on this unit, the iPod or D. player is charged through this unit.
- While the iPod or D. player is connected, all operations from the iPod or D. player are disabled. Perform all operations from this unit.
- The text information may not be displayed correctly.
 - Some characters such as accented letters cannot be shown correctly on the display.
 - Chinese characters cannot be shown correctly on the display.
 - Depends on the condition of communication between the iPod or D. player and the unit.
- If the text information includes more than 18 characters, it scrolls on the display (see also page 32). This unit can display up to 40 characters.

Text information in Chinese

- GB13000 character set is used for displaying tags and other text information when you select “Chinese Simple” as the indication language. When you select “Chinese Trad.”, Big5 character set is used (see page 33).
- Some characters may not be displayed correctly if different character sets are used for the album name and the artist name.
- The maximum number of Chinese characters for file/folder names shown on the monitor is 12-25 characters (including the extension code). The maximum number differs depending on the character set.

Notice:

When operating an iPod or a D. player, some operations may not be performed correctly or as intended. In this case, visit the following JVC web site:

For iPod users: <<http://www.jvc.co.jp/english/car/support/ks-pd100/index.html>>

For D. player users: <<http://www.jvc.co.jp/english/car/support/ks-pd500/index.html>>

On-screen guide icons

During play, the following guide icons may appear for a while on the monitor.

-  : Appears at the beginning of a scene containing multi-audio languages (for DVD only).
-  : Appears at the beginning of a scene containing multi-subtitle languages (for DVD only).
-  : Appears at the beginning of a scene containing multi-angle views (for DVD only).
-  : Playback
-  : Pause
-  : Forward Slow Motion Playback (for DVD and VCD only)
-  : Reverse Slow Motion Playback (for DVD only)
-  : Forward search
-  : Reverse search

Sound modes (preset frequency level settings)

The list below shows the preset frequency level settings for each sound mode (see page 38).

Sound mode	Preset equalizing values						
	60 Hz	150 Hz	400 Hz	1 kHz	2.5 kHz	6.3 kHz	15 kHz
Flat	00	00	00	00	00	00	00
Hard Rock	+03	+03	+01	00	00	+02	+01
R&B	+03	+02	+02	00	+01	+01	+03
Pop	00	+02	00	00	+01	+01	+02
Jazz	+03	+02	+01	+01	+01	+03	+02
Dance	+04	+02	00	-02	-01	+01	+01
Country	+02	+01	00	00	00	+01	+02
Reggae	+03	00	00	+01	+02	+02	+03
Classic	+02	+03	+01	00	00	+02	00

Troubleshooting

What appears to be trouble is not always serious. Check the following points before calling a service center.

	Symptoms	Remedies/Causes
General	• Sound cannot be heard from the speakers.	• Adjust the volume to the optimum level. • Check the cords and connections.
		Check the cords and connections.
	• The receiver does not work at all.	Reset the receiver (see page 2).
	• Remote controller does not work.	Dual Zone is activated (see page 30). While Dual Zone is activated, remote controller only functions for operating the DVD/CD player.
	• “No Signal” appears on the monitor.	• Change the source. • Starts playback on the external component connected to the VIDEO IN plug. • Check the cords and connections. • Signal input is too weak.
	• The indication language does not change.	Turn off the power and turn it on again (see page 33).
FM/AM	• SSM automatic presetting does not work.	Store stations manually.
	• Static noise while listening to the radio.	Connect the antenna firmly.
Disc playback	• Disc cannot be played back.	Insert the disc correctly.
	• Recordable/Rewritable discs cannot be played back. • Tracks on the Recordable/Rewritable disc cannot be skipped.	• Insert a finalized disc. • Finalize the disc with the component which you used for recording.
	• Disc cannot be recognized.	Eject the disc forcibly (see page 2).
	• “No Disc” appears on the monitor.	Insert the disc correctly.
	• “Not Support” appears on the monitor.	Use a file format the unit supports (see page 4).
	• “Disc Error” appears on the monitor.	• Insert the disc correctly. • Insert a disc recorded and finalized.
	• “No Files” appears on the monitor.	The disc does not have playable files. Insert a disc containing playable files.
	• Sound and picture are sometimes interrupted or distorted.	• Stop playback while driving on rough roads. • Check the cords and connections.
	• No playback picture appears on the monitor.	Parking brake wire is not connected properly. See Installation/Connection Manual.

	Symptoms	Remedies/Causes
Disc playback	No picture appears on the external monitor at all.	- Connect the video cord correctly. - Select a correct input on the monitor.
	The edges of the picture are missing on the screen.	- Select an aspect other than "Zoom". (See page 33) - Select "4:3LB [LETTER BOX]". (See page 34.)
	The playback pictures cannot be shown correctly.	The color system (NTSC/PAL) is not correct. Set it correctly (see page 33).
MP3/WMA /WAV playback	Disc cannot be played back.	- Use a disc with tracks recorded in the compliant format. (See page 4.) - Add the extension code <.mp3>, <.wma> or <.wav> to their file names.
	Noise is generated.	Skip to another track or change the disc. (Do not add the extension code <.mp3>, <.wma> or <.wav> to files of different types.)
	A longer readout time is required.	Do not use too many hierarchies and folders.
	Tracks cannot be played back as you have intended them to play.	Playback order is determined when the files are recorded.
	Elapsed playing time is not correct.	This sometimes occurs during play. This is caused by how the tracks are recorded on the disc.
JPEG/MPEG playback	Disc cannot be played back.	- Use a disc with JPEG/MPEG files recorded in the compliant format. (See page 4.) - Add the extension code <.jpg> or <.mpg> to their file names.
CD changer	"No Disc" appears on the monitor.	- Insert a disc into the magazine. - Insert disc correctly.
	"No Magazine" appears on the monitor.	Insert the magazine.
	"Reset08" appears on the monitor.	Connect this receiver and the CD changer correctly and press the reset button of the CD changer.
	"Reset01" – "Reset07" appears on the monitor.	Press the reset button of the CD changer.
	The CD changer does not work at all.	Reset the receiver (see page 2).

	Symptoms	Remedies/Causes
iPod/D. player playback	The iPod or D. player does not turn on or does not work.	- Check the connecting cable and its connection. - Update the firmware version of the D. player. - Charge the battery of the iPod/D. player.
	The sound is distorted.	Deactivate the equalizer either on the unit or the iPod/D. player.
	“Disconnect” appears on the monitor.	Check the connecting cable and its connection.
	Playback stops while playing back iPod.	The headphones are disconnected from iPod during playback. Restart the playback operation.
	No sound can be heard when connecting an iPod nano.	Disconnect the headphones from the iPod nano.
	- No sound can be heard. “Error 01” appears on the monitor when connecting a D. player.	Disconnect the adapter from the D. player. Then, connect it again.
	“No Files” or “No Track” appears on the display.	No tracks are stored. Import tracks to the iPod or D. player.
	“Reset 1” – “Reset 7” appears on the monitor.	Disconnect the adapter from both the unit and iPod/D. player. Then, connect it again.
	“Reset 8” appears on the monitor.	Check the connection between the adapter and this unit.
	The iPod’s or D. player’s controls do not work after disconnecting from this unit.	Reset the iPod or D. player.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

AUDIO AMPLIFIER SECTION

Maximum Power Output:

Front: 50 W per channel

Rear: 50 W per channel

Continuous Power Output (RMS):

Front: 20 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.

Rear: 20 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.

Load Impedance: 4 Ω (4 Ω to 8 Ω allowance)

Equalizer Control Range:

Frequencies: 60 Hz, 150 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 15 kHz

Level: ± 10 dB

Signal-to-Noise Ratio: 70 dB

Line-In Level/Impedance:

1.5 V/20 k Ω load

Line-Out Level/Impedance:

Center-Out Level/Impedance:

Subwoofer-Out Level/Impedance:

2.5 V/20 k Ω load (full scale)

Color System: NTSC/PAL

Video Input (composite): 1 Vp-p/75 Ω

Video Output (composite): 1 Vp-p/75 Ω

Other Terminals:

2nd AUDIO OUT, CD changer

TUNER SECTION

Frequency Range:

FM: 87.5 MHz to 108.0 MHz

AM: 531 kHz to 1 602 kHz

[FM Tuner]

Usable Sensitivity: 11.3 dBf (1.0 μ V/75 Ω)

50 dB Quieting Sensitivity:

16.3 dBf (1.8 μ V/75 Ω)

Alternate Channel Selectivity (400 kHz): 65 dB

Frequency Response: 40 Hz to 15 000 Hz

Stereo Separation: 35 dB

Capture Ratio: 1.5 dB

[AM Tuner]

Sensitivity: 20 μ V

Selectivity: 35 dB

DVD/CD PLAYER SECTION

Signal Detection System: Non-contact optical pickup (semiconductor laser)

Number of Channels: 2 channels (stereo)

Frequency Response:

DVD fs=48 kHz: 16 Hz to 20 000 Hz

fs=96 kHz: 16 Hz to 44 000 Hz

VCD, CD: 16 Hz to 20 000 Hz

Dynamic Range: 93 dB

Signal-to-Noise Ratio: 95 dB

Wow and Flutter: Less than measurable limit

MP3 : Max. Bit Rate: 320 kbps

WMA: Max. Bit Rate: 320 kbps

MONITOR SECTION

Screen: 3.5-inch wide liquid crystal panel

Number of Pixels: 224 640 pixels

Drive Method:

TFT (Thin Film Transistor) active matrix format

Color System: NTSC/PAL

GENERAL

Power Requirement:

Operating Voltage:

DC 14.4 V (11 V to 16 V allowance)

Grounding System: Negative ground

Allowable Operating Temperature:

0°C to +40°C

Dimensions (W $\times$ H $\times$ D):

Installation Size (approx.):

182 mm $\times$ 52 mm $\times$ 160 mm

Panel Size (approx.):

188 mm $\times$ 58 mm $\times$ 12 mm

Mass (approx.):

1.9 kg (excluding accessories)

Design and specifications are subject to change without notice.

多谢您惠购 JVC 的产品。

在使用之前，请详读全部说明书，以确保完全理解本机使用方法，并获得较长的使用寿命。

镭射产品的重要说明

1. 一级镭射产品
2. **注意：**请勿打开顶盖板，本机内部没有用户可自行维修的部件；所有维修工作应由有资格的人员完成。
3. **注意：**当内部锁定装置失效或者损坏后，打开盖板可能会产生可视或不可视的镭射辐射。应避免受到镭射光束的直接照射。
4. 标签的复制标示：注意标签位于机外。

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM.	ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering for stråling.	VARNING : Synlig og osynlig laserstråling når den åbnes og spærren er urkopplad. Betragt ej strålen.	VARO : Avaltavissa ja suojalukitus ohitettuna tai viallisena olet alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (t)
---	--	---	--

基于安全事项....

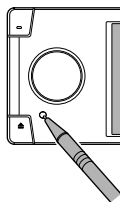
- 切勿将音量设定得太高，因为这会妨碍听到外界的声音，给驾驶带来危险。
- 在进行任何复杂的操作之前请先将车停下。

关于车内温度....

若长时间将车停在炎热或寒冷的气候里，在操作主机前请等待一段时间，直到车内的温度恢复到正常。

本产品的防止拷贝技术受美国专利和其他知识产权保护法的保护。任何使用本技术的行为必须经过 Macrovision 批准，未经 Macrovision 特别批准时，不可用于家用或其他私用之外的目的。使用本机时不可进行违规操作或分解。

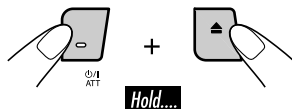
如何重设本机



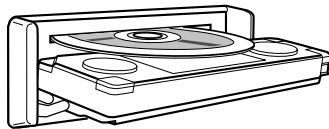
此项操作重设主机内置的微处理器。您所做的预设调整亦会被清除。

如何强制弹出碟片

如果碟片不能被本机识别或者不能被弹出，请按如下所示将碟片弹出。



“NO EJECT?”（或“EJECT OK?”）和“EMERGENCY EJECT?”字样在显示屏上出现。
反复按 ▲ / ▼ 键选择“EMERGENCY EJECT?”，然后按 ENT 键。



- 如果以上操作无效，请尝试重设本机。
- 在弹出碟片时，小心不要将碟片掉落。

警告：

- 切勿将本机安装在下述位置：
 - 可能会妨碍操作方向盘和变速排档杆的位置，否则可能引发交通事故。
 - 可能会妨碍操作安全装置，如安全气囊等的位置，否则可能引发致命的交通事故。
 - 可能会妨碍视野的位置。
- 切勿在操作方向盘的过程中操作本机，否则可能引发交通事故。
- 驾驶员在驾驶过程中切勿观看显示器。若驾驶员在驾驶过程中观看显示器，可能因为注意力不集中而导致意外事故的发生。
- 驾驶员在驾驶过程中切勿佩戴耳机。因为在驾驶过程中隔绝外界声音非常危险。
- 在驾驶过程中若需要操作本机，切记要密切注意前方，否则可能招致交通事故。
- 若手刹车未啮合，“Parking Brake”字样在显示器上闪烁，且无法播放图像。
 - 仅当手刹车导线与汽车内置的手刹车系统相连接时此警告信息才会出现（参阅安装 / 连接手册）。

音量设定须知：

与其他播放源相比，碟片产生的噪音非常小。为避免输出音量水平突然增大而损坏扬声器，请在播放碟片之前将音量调低。

显示器须知：

- 本机内置的显示器以高精度制造，但仍有某些不足之处。这是不可避免的，并非故障。
- 切勿将显示器暴露于直射的阳光下。

可用于文本输入的字符

您可以使用下列字符为播放源配备标题（参阅第 41 页）。

A	B	C	D	E	a	b	c	d	e
F	G	H	I	J	f	g	h	i	j
K	L	M	N	O	k	l	m	n	o
P	Q	R	S	T	p	q	r	s	t
U	V	W	X	Y	u	v	w	x	y
Z	空格				z	空格			

大写和小写

0	1	2	3	4
5	6	7	8	9
!	"	#	\$	%
&	'	(	)	*
+	,	-	.	/
:	;	<	=	>
?	@	_	`	空格

数字和符号

简介——可播放的碟片

可播放的碟片

您可以在本机上播放下列碟片——12 公分及 8 公分：

- **视频 DVD**：以 PAL 或 NTSC 颜色制式录制且区域代码正确（参阅下列内容）。
 - 也可以播放以视频 DVD 格式录制的 DVD-R/DVD-RW。
- **音频 DVD**
- **视频 CD (VCD)/音频 CD**
- **MP3/WMA/WAV/JPEG/MPEG1,2**：录制在 CD-R/CD-RW 或 DVD-R/DVD-RW/+R/+RW/DVD-ROM 上。
 - CD-R/CD-RW：与 ISO 9660 Level 1, ISO 9660 Level 2, Romeo 及 Joliet 相兼容。
 - DVD-R/DVD-RW/+R/+RW/DVD-ROM：与 UDF-Bridge 格式相兼容*1。
- 可以播放已终结的 +R/+RW（仅视频 DVD 格式）碟片。但是不建议您在本机上使用 +R 双层碟片。
- 也可以播放以多边格式录制的 DVD-R（除双层碟片以外）。

某些碟片的实际操作可能与本使用手册的说明不同。

无法播放的碟片

- DVD-ROM（数据），DVD-RAM，以 DVD-VR 格式录制的 DVD-R/DVD-RW，CD-ROM，CD-I（CD-I 就绪），图片 CD 等。
- 播放这些碟片将产生噪音并损坏扬声器。

双碟播放之注意事项

- “DualDisc（双碟）”的非 DVD 碟面与“压缩碟片数码音频”标准不兼容。因此，建议您不要在本产品上播放双碟的非 DVD 碟面。

*1 本机使用符合 ISO 9660 标准的混合文件系统以访问碟片上任何类型的文件。（UDF 表示通用碟片格式。）

DVD 标志是 DVD 格式 / 标志许可证管理公司的商标。

关于区域代码的注意事项：

DVD 播放机和视频 DVD 碟片都有其自己的区域代码。本机仅能播放区域代码包含“6”的 DVD 碟片。

例：



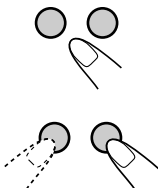
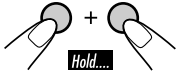
如果您装入了区域代码不正确的视频 DVD 碟片

“Region Error”字样在本机的显示器上出现。“REGION CODE ERROR”字样在外接显示器上出现。

如何阅读本使用手册

为了使解释尽可能地简洁和通俗易懂，我们采用以下方法：

- 一些相关的条目和注意事项将在之后的“关于本接收机的附加信息”中进行解释（参阅第 49 – 53 页）。
- 按键的操作主要用如下所示的图表进行解释：

	短促地按。
	反复地按。
	按其中之一。
	按住直到您所需的 操作开始进行。
	同时按住两个按 键。

指示语言

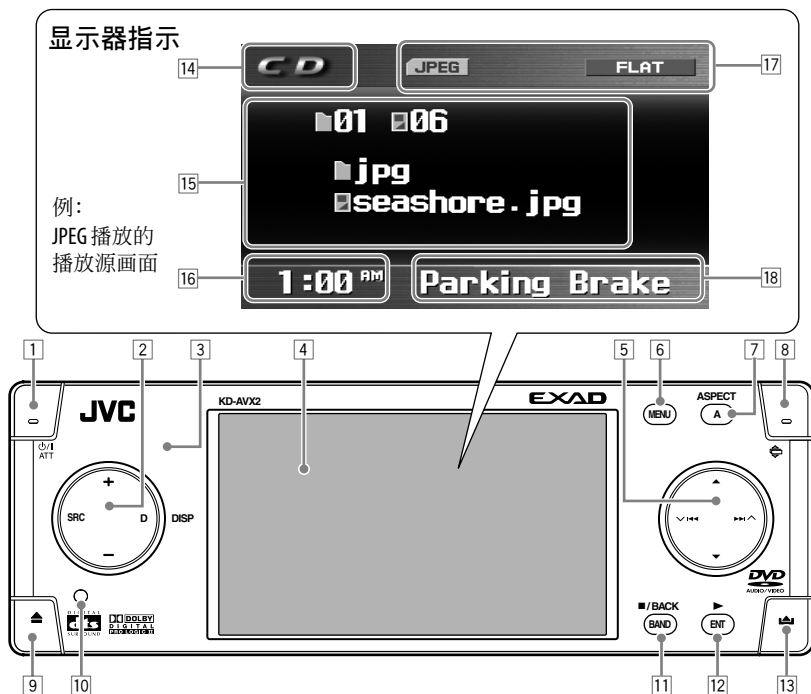
本手册中，英语指示用于解释目的。

您可以在显示器上的“Language”设定中选择指示语言（参阅第 33 页）。

目录

控制面板	6
遥控器 — RM-RK240.....	7
着手准备.....	10
收音机的操作	12
碟片的操作	15
碟片的特殊功能	20
碟片环绕播放	22
屏幕碟片的操作	24
其他碟片的操作	28
双区操作.....	30
音频和视频菜单设定	31
其他主要功能	41
CD 换碟器的操作	42
外接组件的操作	44
iPod®/D. 播放机的操作	45
保养.....	47
语言代码.....	48
关于本接收机的附加信息	49
故障排除.....	54
规格.....	57

部件识别



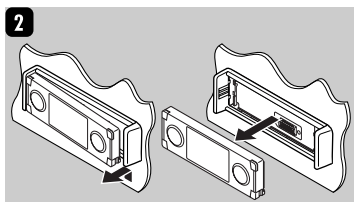
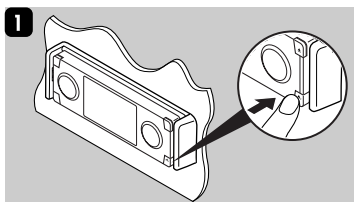
- 1 0/I ATT (待机 / 开机 减音) 键
- 2 • +/– (音量 +/-) 键
• SRC (播放源) 键
• DISP (D: 显示) 键
- 3 遥控器
- 4 显示器
- 5 • ▲ (向上) / ▼ (向下) 键
• √ ◀◀▶▶▶ ▲ 键
- 6 MENU (菜单) 键
- 7 ASPECT (A) 键
- 8 ◀ (角度) 键
- 9 ▲ (弹出) 键
- 10 重设键
- 11 • BAND (波段) 键
• BACK (后退) 键
• ■ (停止) 键
- 12 • ENT (确认) 键
• ▶ (播放) 键
- 13 ◀ (松开控制面板) 键

显示器指示

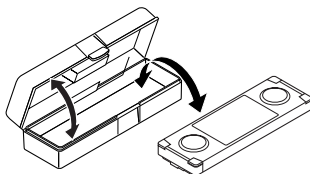
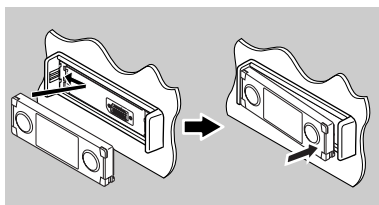
- 14 播放源指示灯
- 15 主显示屏
- 16 时钟显示屏
调整音量时也指示音量水平。
- 17 状态指示灯
- 18 警告信息区
调整音量时也指示音量水平。

如何拆卸 / 安装控制面板

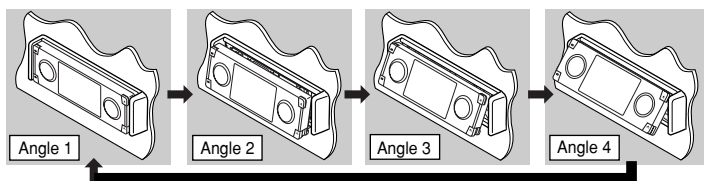
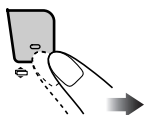
拆卸...



安装...



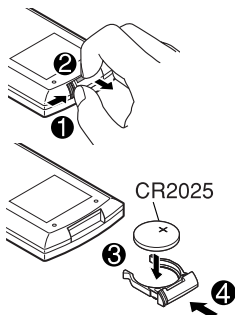
如何改变控制面板角度



注意：切勿把手指放入控制面板后部。

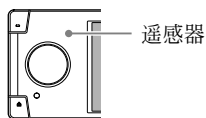
遥控器 — RM-RK240

安装纽扣型锂电池（CR2025）



在使用遥控器之前：

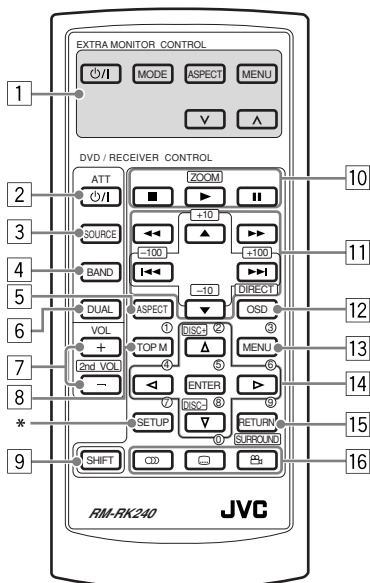
- 将遥控器直接对准本机上的遥控器。确保两者之间没有障碍物。



- 切勿将传感器暴露于强光照射处（直射的阳光或人工光线）。

警告：

- 切勿安装任何 CR2025 型号以外的电池或类似物；否则，本机可能爆炸。
- 请将电池存放在儿童无法拿到的地方，以避免事故发生的危险。
- 为防止电池过热，炸裂或引起火灾：
 - 切勿为电池充电，使电池短路，分解电池或加热电池或将其扔置于火中。
 - 切勿将电池与其他金属物质放在一起。
 - 切勿用镊子或类似的工具穿刺电池。
 - 要废弃或保存电池时，请用胶带缠绕并使其处于绝缘状态。

主要组成部分及作用

* 对应本机型不用作 SETUP 键。

重要事项：

如果双区功能启动（参阅第 30 页），遥控器仅用于操作 DVD/CD 播放机。

显示器控制

- 1 显示器控制键*1
 - ϕ/I （待机 / 开机），MODE, ASPECT, MENU, ∇ 和 Δ 。

DVD / 接收机控制

- 2 ϕ/I ATT（待机 / 开机）键
 - 打开，关闭电源及降低音量。
- 3 SOURCE 键
 - 选择播放源。
- 4 BAND 键
 - 选择 FM/AM 波段。
- 5 ASPECT 键
 - 当播放 DVD, VCD 等时切换本机上显示器的纵横比。
- 6 DUAL 键
 - 启动及关闭双区功能。
- 7 VOL + / - 键
 - 调整音量水平。
 - 当与 SHIFT 键同时按下时，也可作为 2nd VOL +/- 键使用。
- 8 TOP M（菜单）键*2
 - 显示 DVD, DVD 音频和 VCD*3 碟片菜单。
- 9 SHIFT 键
- 10 基本碟片操作键*4：
 - （停止），▶（播放），||（暂停）
 - 当与 SHIFT 键同时按下时，▶（播放）键也可作为 ZOOM 键使用。
- 11 高级碟片操作 / 调谐器操作键*5

对应高级碟片操作：

- $\blacktriangle/\blacktriangledown$
 - 选择标题（对应 DVD），组（对应 DVD 音频）或文件夹（对应 MP3/WMA/WAV/JPEG/MPEG）。
- $\blacktriangleleft/\blacktriangleright$ 键（倒退跳播 / 快进跳播）
- $\blacktriangleleft/\blacktriangleright$ 键（倒退搜索 / 快进搜索）*6

对应 FM/AM 调谐机操作：

- ▲ / ▼
– 切换预设电台。
- |◀◀ / ▶▶|
– 用于搜索电台。
短促地按：自动搜索
按住：手动搜索

对应 iPod/D. 播放器操作：

- ▲ / ▼
▼：暂停 / 停止或继续播放。
▲：输入 iPod/D. 播放器的主菜单。（▲ / ▼/|◀◀ / ▶▶| 用作菜单选择键）*7
- |◀◀ / ▶▶|（在菜单选择模式下）
– 如果短促地按则选择一个项目。
（然后，按 ▼ 键确认选择。）
– 如果按住则一次跳过 10 个项目。

12 OSD 键

- 显示屏菜单栏。
- 当与 SHIFT 键同时按下时，也可作为 DIRECT 键使用。
– 您可以使用数字键直接选择标题（对应 DVD），选择组（对应 DVD 音频）或文件夹（对应 MP3/WMA/WAV/MPEG）
（参阅右栏和第 19 页）。

13 MENU 键*2

- 显示 DVD 和 VCD*3 碟片菜单。（该功能不适用于音频 DVD 碟片。）

14 菜单操作键*2

- 光标（△，▽，◀，▶）和 ENTER 键
- △ / ▽：当播放源为“CD-CH”时，也可作为 DISC + / - 键使用。

15 RETURN 键*2

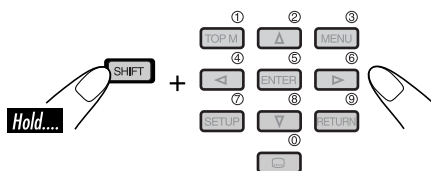
16 特殊功能键

- DVD/VCD: ○○○（音频）
- DVD: ■■■（字幕），□□□（角度）
- □□□ 当与 SHIFT 键同时按下时，该键也可作为 SURROUND 键使用。
– 您可改变环绕声模式（参阅第 23 页）。

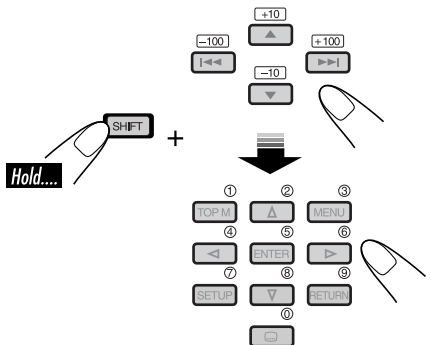
- *1 仅当您的外接显示器为 JVC 显示器之一—KV-MR9010 或 KV-MH6510 时，才可如此操作。
- *2 当与 SHIFT 键同时按下时，这些键也可作为数字键使用。
- *3 仅在未使用 PBC 功能时。
- *4 不适用于 CD 换碟器的操作。
- *5 当与 SHIFT 键同时按下时，这些键也可作为 +10/-10 及 +100/-100 键使用。
- *6 不适用于 JPEG 的操作。没有声音传出（DVD / VCD / MPEG）。
- *7 ▲：返回到上一菜单。
▼：确认选择。

如何选择号码

从 0 ~ 9 之间选择号码：



选择大于 9 的号码：



- +100/-100 键仅用于搜索号码大于 99 的曲目（不适用于 CD/VCD/DVD/DVD 音频）。

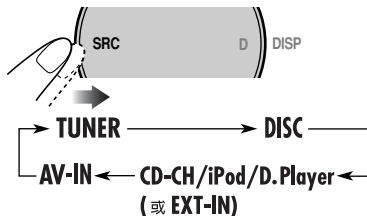
着手准备

基本操作

- 1 打开电源。

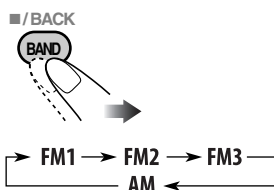


- 2

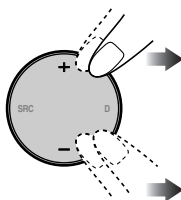


如果某些播放源尚未准备好，您不能选取它们。

- 3 仅对应 FM/AM 调谐器



- 4 调整音量。



Volume 16

音量水平指示灯

- 5 根据需要调整均衡器。（参阅第 38 页。）

如何暂时降低音量（ATT）



想要恢复到原来的音量时，可再次按该键。

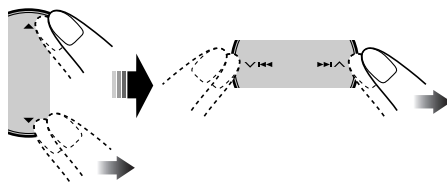
如何关闭电源



设定时钟

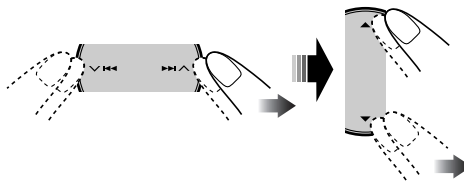


- 2 选择“Setup”，“Clock”，然后选择“Time Set”。

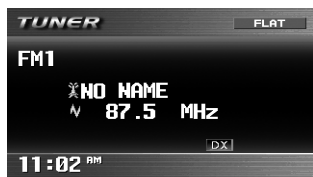
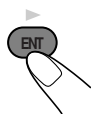


- 3 设定小时和分钟。

- ① 选择“Hour”，然后调整小时。
- ② 选择“Minute”，然后调整分钟。



4 完成设定。



- 参阅以下“音频和视频菜单操作的基本步骤”示例，将时钟从 12 小时制切换为 24 小时制。

■ 音频和视频菜单操作的基本步骤

您可以从音频和视频菜单中调整本机的各项设定。

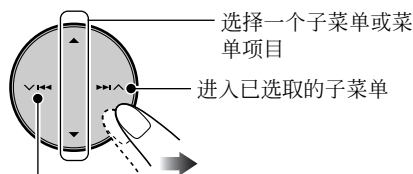
- 想要唤出音频和视频菜单...



显示剩余时间以
继续菜单操作



- 想要选择一个菜单项目并进入子菜单时...

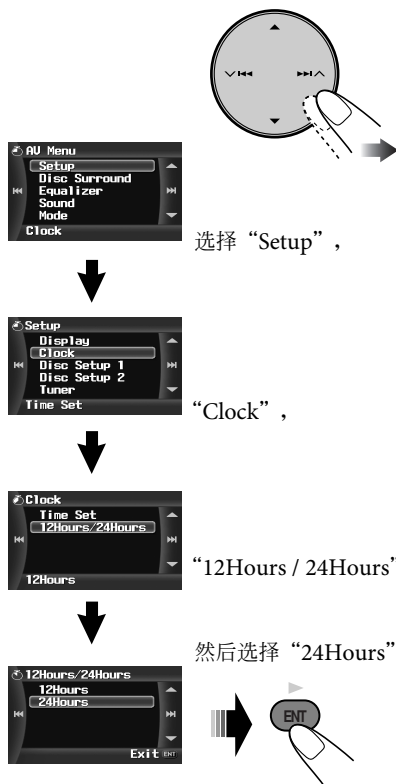


返回到上一菜单

- 想要返回到上一显示画面并调整其他项目时...

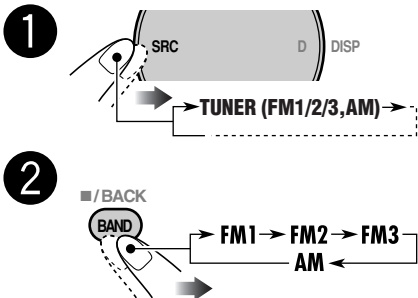


例：想要将时钟从 12 小时制切换为 24 小时制时，按 MENU 键后...

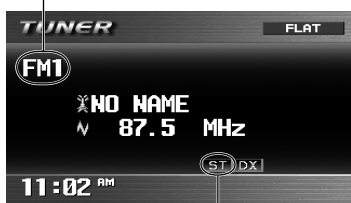


- 想要取消菜单操作并返回到播放源画面，按 DISP (D) 键。
- 有关子菜单和菜单项目的详情，参阅第 31-40 页。

收音机的操作



所选波段出现。



在接收具有足够信号强度的 FM 立体声广播时点亮。

3 开始搜索电台。



接收到电台后，搜索停止。
若要停止搜索时，再次按相同键。

如何手动调收电台

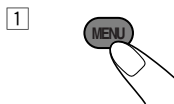
在以上步骤 3 中....



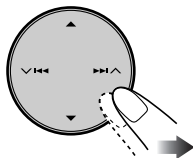
2 选择所需的电台频率。



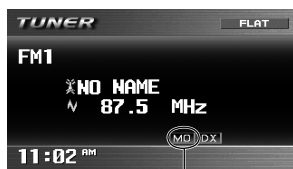
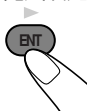
当 FM 立体声广播接收不良时



2 选择“Mode”，“Mono”，然后选择“On”。



3 完成设定。

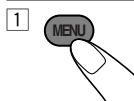


启动单声道模式时点亮。

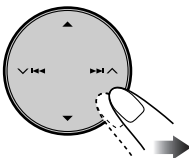
接收效果得以改善，但是立体声效果被取消。

若要恢复立体声效果时，重复相同步骤，将“Mono”设定为“Off”。MO 指示灯熄灭。

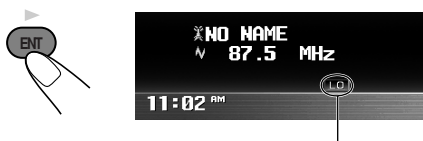
如何只调收强讯号的 FM 电台



2 选择“Mode”，“DX / Local”，然后选择“Local”。



3 完成设定。



当“Local”模式启动时点亮。

仅有足够信号强度的电台被检测到。

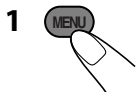
想要调收所有可接收到的电台，重复相同的步骤，将“DX/Local”设定为“DX”。LO 指示灯熄灭，DX 指示灯点亮。

将电台储存到记忆体中

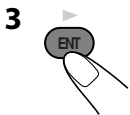
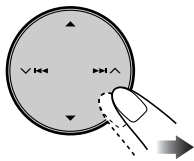
您可在每个波段预设六个电台。

■ 自动预设 FM 电台—SSM（强信号电台顺次记忆）

选择所需 FM 波段（FM1-FM3）后...



2 选择“Mode”，然后选择“SSM”。

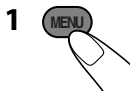


“SSM”字样出现直到自动预设结束。

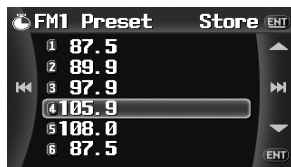
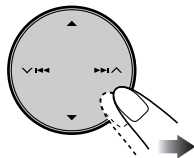
此项操作将搜索到当地信号最强的 FM 电台，并自动将其储存至 FM 波段中。

■ 手动预设电台

调收电台后想要预设...



2 选择“List”，然后选择想要储存电台的预设号码（1-6）。



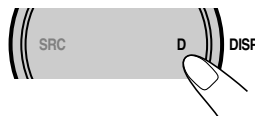
例：将 92.5 MHz 储存进 FM1 号码 4 中

• 您也可以按住 ▲/▼ 键显示清单。



储存的预设号码闪烁片刻。

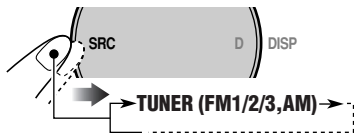
■ 如何退出菜单或清单



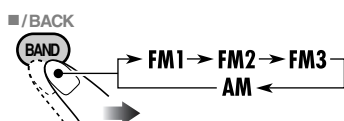
取消菜单或清单操作且显示画面返回到播放源画面。

收听预设电台

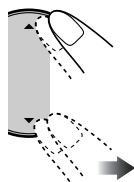
1



2



3 选择所需的预设电台（1 - 6）。



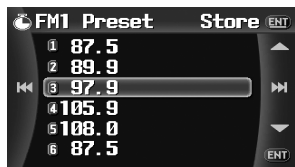
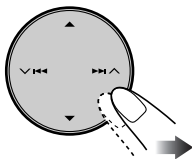
当使用清单画面时....

在步骤 2 之后...

1

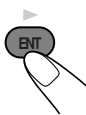


2 选择“List”，然后选择想要的预设号码（1-6）。



- 选择任何 FM 波段时，按住 ▲/▼ 键（或反复按 ▲/▼ 键）可以在 FM 1/2/3 之间切换预设清单。

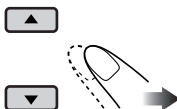
3



当使用遥控器时....



或



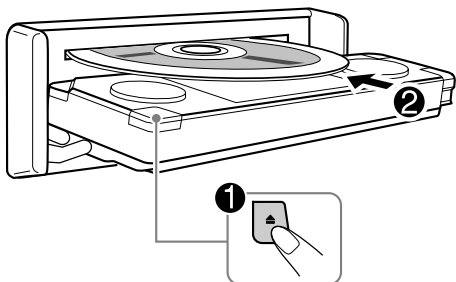
碟片的操作

在本机上播放碟片

自动检测碟片类型并开始播放（对应 DVD 视频 / 音频：自动开始操作取决于本机内部程序的设定）。

如果当前碟片是无 PBC 功能的音频 CD，文本 CD，MP3/WMA/WAV，JPEG，MPEG 或 VCD，所有曲目将重复播放直到您切换播放源或弹出碟片。

- 如果在具有碟片 PBC 功能的 DVD 视频 / 音频或 VCD 过程中出现标题清单或碟片菜单，请参阅第 21 页的“碟片菜单的操作”。



如何弹出碟片



下列标记用来表示可播放的碟片....



DVD 视频



DVD 音频



有 / 无 PBC 功能的视频 CD



仅具有 PBC 功能的视频 CD



MPEG 碟片



JPEG 碟片



音频 CD / 文本 CD



MP3/WMA/WAV 碟片



此处列出的所有碟片

中文

在进行任何操作之前，请确保做好下列事项....

- 第 17-22 页解释说明的操作主要是使用遥控器进行的。

—  表示您也可以在主机上使用该功能。

当您按下某个按键时，如果“⊘”在显示器上出现，表示碟片不能接受您试图进行的操作。

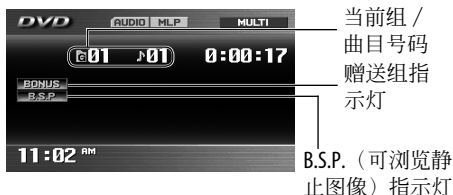
- 在某些情况下，虽然没有“⊘”显示，操作亦可能不被接受。

- 当装入视频 DVD 视频 / DVD 音频碟片时：
当停车制动时，视频 / 图片在显示器上自动开始播放。
- 当按 DISP (D) 键时，如下所示屏幕画面出现。

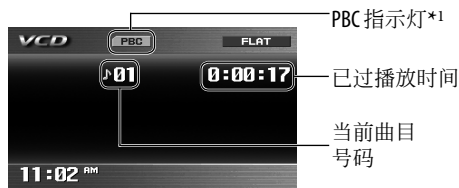
当播放 DVD 碟片时



当播放音频 DVD 时



- 想要返回到播放，再次按 DISP (D) 键。
- 当装入 VCD 时：
当停车制动时，VCD 在显示屏上自动开始播放。
- 当按 DISP (D) 键时，如下所示屏幕画面出现。



*1 当 PBC 功能使用时出现。

- 想要返回到播放画面，再次按 DISP (D) 键。

- 当装入 MP3/WMA/WAV/JPEG/MPEG 碟片*2 时：
显示整个文件夹和文件号码后...

例：当检测到 WAV 文件时



- *2 当播放 JPEG/MPEG 碟片时，按 DISP (D) 键显示画面。（当停车制动时，图片 / 视频在显示器上自动开始播放。）
- *3 对应 JPEG 碟片不出现。

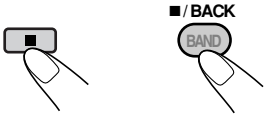
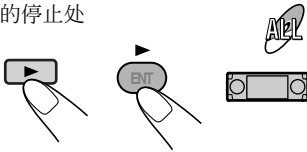
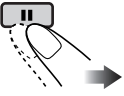
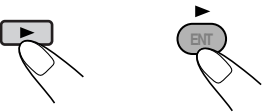
- 当装入文本 CD / 音频 CD 时：
显示整个曲目号码和播放时间后...



- *4 播放文本 CD 时，显示碟片标题 / 表演者及曲目标题。

基本操作

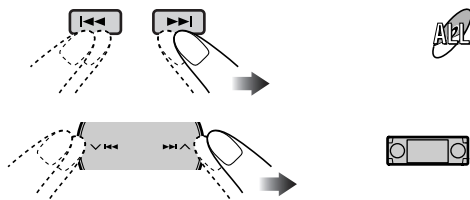
中文

操作	显示器指示和 / 或下一步操作
如何停止播放 	当您重新开始播放时，将从上次播放的停止处开始播放（记忆播放）。 
如何暂停播放 	播放暂停。  出现静态图像。 ① 逐帧播放   ② 慢动作播放   ▶ 1/32 ⇒ 1/16 ⇒ 1/8 ⇒ 1/4 ⇒ 1/2 ◀ 1/32 ⇒ 1/16 ⇒ 1/8 ⇒ 1/4 ⇒ 1/2 - 慢动作播放是无声的。 - 在播放 VCD 时，不能进行慢动作回放。 如何恢复标准播放： 
如何重放先前的场景—单触重放 	播放位置将从当前位置往回移动约 10 秒钟。 - 此功能仅在同一标题内有效。 - 此功能在某些 DVD 上无效。 

- 在播放过程中，屏幕指南图标会在显示器上出现片刻（参阅第 53 页）。

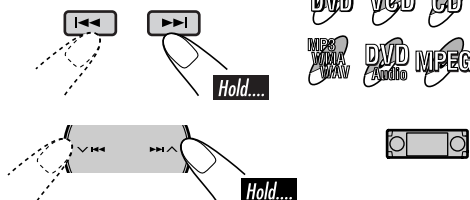
如何播放后面或前面的章节 / 曲目

- 对应 DVD：在播放过程中或暂停状态下



如何快进或倒退章节 / 曲目

在播放的过程中...



* 搜索速度切换为 x2 ⇌ x10 (▶▶ (◀◀) 1/2 对应 MPEG)，但显示器上的信息仅对应 DVD/VCD/MPEG。

如何快进或倒退搜索章节 / 曲目

在播放的过程中...



该信息仅对应 DVD/VCD 显示：

▶▶ x2 ⇌ x5 ⇌ x10 ⇌ x20 ⇌ x60

◀◀ x2 ⇌ x5 ⇌ x10 ⇌ x20 ⇌ x60

* MPEG 文件的搜索速度为 3 步 - ▶▶ (◀◀) 1/2/3.

- 如何恢复正常速度



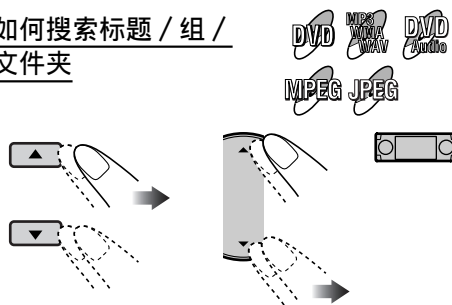
如何直接搜索某一特定标题 / 章节 / 曲目



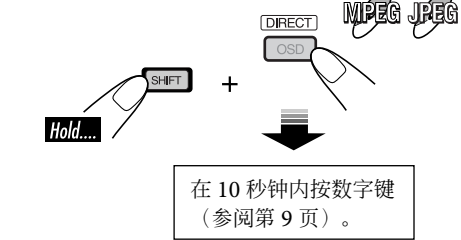
- 对应视频 DVD / 音频 DVD：在播放过程中或暂停状态下一选择一个章节 / 曲目。在停止状态下一选择一个标题目 / 曲目。
- 对应 MP3/WMA/WAV/JPEG/MPEG：在同一个文件夹中选择一首曲目。

选择与您想要的项目相对应的号码（参阅第 9 页）。

如何搜索标题 / 组 / 文件夹



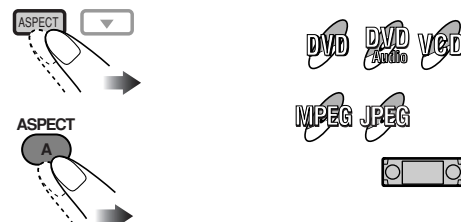
如何搜索某一特定标题 / 组 / 文件夹



重要事项：

- 对应 MP3/WMA/WAV 碟片：要求在文件夹名称的开始处配备 2 位数字—01, 02, 03 等。

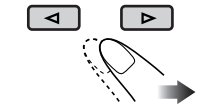
如何在本机上调整显示画面形状



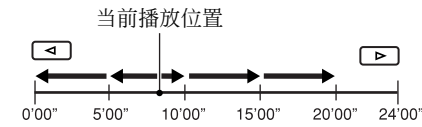
- 有关详情，请参阅第 33 页的“Aspect”。

如何跳至下一或上一场景画面

您可以向后和向前跳播 5 分钟的场景画面。



例：当播放 24 分钟的文件且已过播放时间为 8'24" 时...



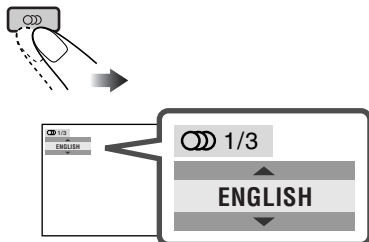
- 首次按该键，场景画面跳至最近的以 5 为倍数播放时间（除当前播放时间以外）。
- 当向前和向后跳播的剩余时间低于 5 分钟时，本功能不起作用。

碟片的特殊功能

选择音频语言

对应 DVD:

如果碟片含有多种音频语言，您可以选择所需语言。

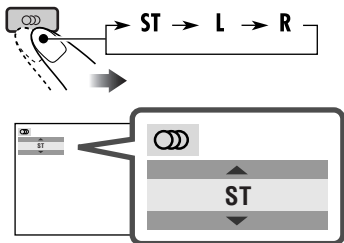


例：当碟片含有 3 个选项时

对应 VCD:

您可以选择想要播放的音频声道。

（此功能在播放卡拉OK 时非常便利。）



ST: 想要聆听标准立体声（左 / 右）播放时选择此项。

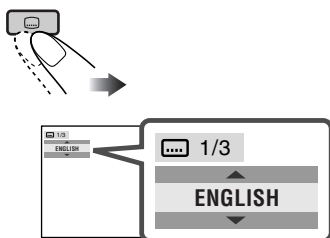
L: 想要聆听 L（左）音频声道时选择此项。

R: 想要聆听 R（右）音频声道时选择此项。

选择字幕

您可以选择在显示器上出现的字幕语言。

- 您可以使用音频和视频菜单设定初始字幕语言（参阅第 34 页）。

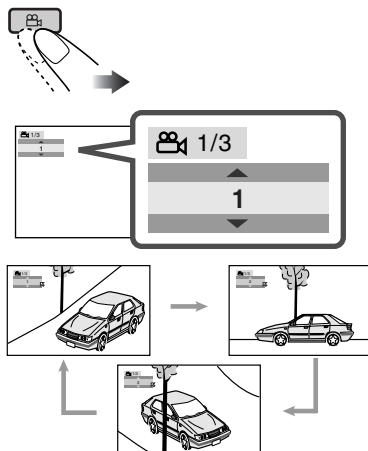


例：当碟片含有 3 个选项时

- 对于某些 DVD 和 VCD，仅能使用碟片菜单切换字幕语言，音频语言（或音频声道）。

选择多角度观赏

如果碟片含有多角度观赏画面时，您可以从多个角度观赏同一画面。



例：当碟片含有 3 个观赏角度时

碟片菜单的操作

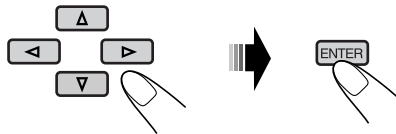
在播放具有菜单驱动特性的 DVD 或具有 PBC (播放控制) 功能的 VCD 时, 可以进行菜单驱动播放。

在 DVD 播放过程中



标题清单或碟片菜单在显示器上出现。

2 从菜单中选择所需项目。

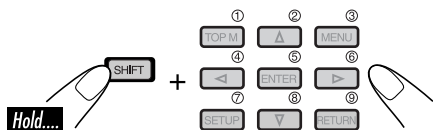


开始播放所选项目。

- 在某些碟片中, 您也可以使用相应的数字键选择项目。

在 VCD 播放过程中

- 当项目清单在显示器上显示时。

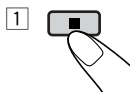


- 想要选择大于 9 的号码时, 参阅第 9 页的“如何选择号码”。

如何返回到先前的菜单

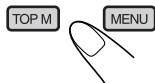


取消 PBC 播放



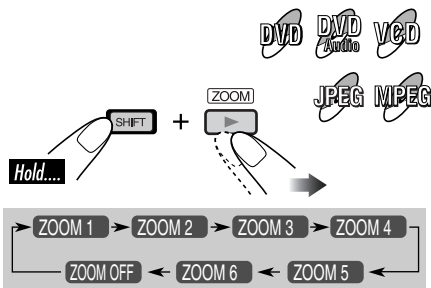
- 使用数字键选择曲目并开始标准播放 (参阅第 9 页)。

如何恢复 PBC 功能

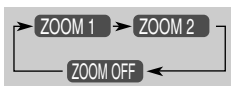


放大

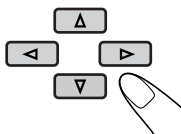
1



对应 JPEG 碟片 (仅当暂停时有效):



2 移动被放大的部位。



- 对应 JPEG 文件:
当整幅放大图片在显示器上静止显示时, 不能移动放大部位。

想要取消放大, 选择步骤 1 中的“ZOOM OFF”。

播放赠送组

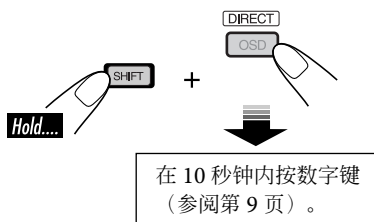
某些音频 DVD 上含有一个被称为“赠送组”的特殊组，组的内容不对众公开。



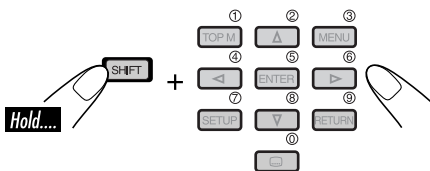
- 想要播放赠送组时，必须为其输入指定的“开组码”（一种密码）。获得开组码的方法根据碟片而不同。

1 选择赠送组。

- 赠送组一般情况下录在最后（比如当碟片上包括在内共录有 4 个组时，“组 4”便是赠送组）。



2 输入开组码。



3 根据屏幕上出现的交互指示进行操作。

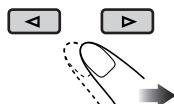
- 当碟片弹出时输入的开组码被清除。想要再次播放赠送组，重复上述步骤 1 至 3。

选择可浏览性静止图像

当播放链接有可浏览性静态图像（B.S.P.）的曲目时，您可以选择（翻页浏览）欲让其在电视屏幕上显示的静态图像。



- 如果曲目上链接有 B.S.P.（可浏览性静态图像），它们一般会在播放的过程中自动依次显示。



碟片环绕播放

您可以在本机上欣赏碟片的多声道环绕播放。

可播放环绕格式

Dolby Digital*1: 用于再生以杜比数码格式编码的软件的多声道音轨（）。

Dolby Pro Logic II: Dolby Pro Logic II（杜比定向逻辑 II）是一种多声道播放格式可以将所有的 2 声道播放源解码成—立体声播放源和杜比环绕声编码播放源—5.1 声道。

Dolby Pro Logic II 有两种模式—电影模式和音乐模式：

- **Pro Logic II Movie**（杜比定向逻辑 II 电影）适用于播放任何以杜比环绕声编码的软件。
- **Pro Logic II Music**（杜比定向逻辑 II 音乐）适用于播放任何 2- 声道立体声软件。

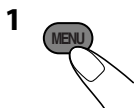
DTS（数码影院系统）*2: 用于再生以 DTS 数码环绕声（）编码软件的多声道音轨。

- *1: 由 Dolby Laboratories 授权制造。“杜比”、“Dolby”、“Pro Logic”、“MLP Lossless”和双 D 标志是 Dolby Laboratories 的商标。
- *2: “DTS”和“DTS Digital Surround”为数码影院音响公司的注册商标。

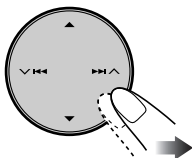
选择环绕声模式

本机在初始设定中默认对应数码多声道碟片选择最佳环绕模式。您也可以对应双声道碟片选择环绕模式。

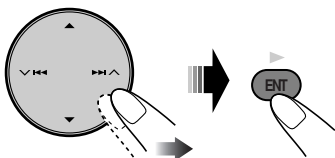
当 DISC 被选取为播放源时...



2 选择“Disc Surround”。



3 选择所需的环绕设定。



Surround Off:

关闭环绕功能。

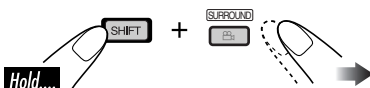
Surround On*1*2:

- **Auto***3: 当检测到多声道数码信号时自动选择最佳环绕模式。
- **Dolby PLII Movie***4*5: 启动 Dolby Pro Logic II Movie。
- **Dolby PLII Music***4*5*6: 启动 Dolby Pro Logic II Music。

- *1 当 FRONT 2CH 指示灯在显示器上出现时，后置扬声器和重低音扬声器不发出声音。
- *2 当 FIX 指示灯在显示器上出现时，重低音扬声器不发出声音。
- *3 当播放源是 CD（除 DTS CD 以外）/VCD/MP3/WMA/WAV 时，不启动环绕功能。手动选择“Dolby PLII Movie”或“Dolby PLII Music”启动环绕功能。
- *4 在下列情况下不可选择：
 - 碟片含有 2.1 或更多声道曲目（除以 MPEG 编码的曲目以外）。
 - 碟片是 MPEG 碟片。
- *5 当扬声器尺寸设定为“Large”时，重低音扬声器不发出声音（参阅第 35 页）。
- *6 当选择“Dolby PLII Music”，您可以调整下列项目：“Panorama”和“Center Width”。将“Panorama”调整为“On”可以增加“环绕”声音效果；启动“Center Width”可以调整中央画面，使声音只从中心扬声器中发出，为“仿真”中央画面时，只从左/右前扬声器中发出，或这些扬声器的各种组合。随著号码递增，“仿真”效果逐渐变强（通常情况下选择“4”）。

- 当环绕功能启用时，中心扬声器不发出声音。
- 当环绕功能启用时，均衡器设定（第 38 页）无效且不可调整。
- 由于扬声器尺寸设定（第 35 页）或碟片播放类型，扬声器可能不发出声音。
- 当双区功能启动时，环绕声设定便无效，并且不能进行调整。中心扬声器不发出声音。

在遥控器上：

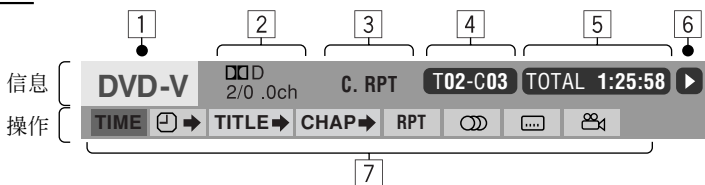


使用屏幕菜单栏进行操作

您可以通过屏幕菜单栏查看碟片信息及使用某些功能。



屏幕菜单栏

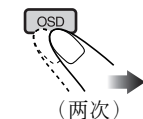


- 1** 碟片类型
 - DVD 视频 / DVD 音频：音频信号格式类型
 - VCD：PBC
- 2** 播放模式
 - DVD: T. RPT: 重复播放标题
 - C. RPT: 重复播放章节
 - DVD Audio:
 - T. RPT: 重复播放曲目
 - VCD: T. RPT: 重复播放曲目
 - D. RND: 随机播放碟片
 - T. INT: 曲目信息
 - 播放当前曲目的前 15 秒钟
 - JPEG: T. RPT: 重复播放曲目
 - MPEG:
 - T. RPT: 重复播放曲目
 - F. RPT: 重复播放文件夹
- 3** 播放信息
 - T02-C03** 当前标题 / 章节
 - G02-T03** 当前组/曲目
 - TRACK 01** 当前曲目
 - F001-T001** 当前文件夹/曲目
- 4** 时间信息
 - TOTAL** 碟片已过播放时间
 - T. REM** 碟片剩余时间（对应 VCD）/ 标题剩余时间（对应 DVD）
 - TIME** 当前章节 / 曲目的已过播放时间
- 5** 播放状态
 - REM** 当前章节 / 曲目的剩余播放时间
 - ▶** 播放
 - ▶/◀** 快进 / 倒退搜索
 - ▶/◀** 慢动作前进 / 倒退
 - ⏸** 暂停
 - ⏹** 停止
- 6** 操作图标
 - TIME** 切换时间信息（参阅 [5]）
 - ◀▶** 时间搜索（输入当前标题或碟片的已过播放时间。）
 - TITLE▶** 时间搜索（按号码）
 - GROUP▶** 组搜索（按号码）
 - CHAP▶** 章节搜索（按号码）
 - TRACK▶** 曲目搜索（按号码）
 - ◀▶** 切换声音语言或声道
 - ...** 切换字幕
 - ◀▶** 切换观赏角度
 - RPT** 重复播放*
 - INT** 简介播放*
 - RND** 随机播放*

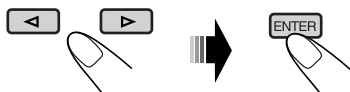
* 另参阅第 28 页。

屏幕菜单栏的基本操作

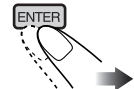
1 显示屏幕菜单栏。



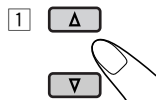
2 选择一个项目。



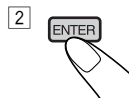
3 选择一个选项。



• 若出现下拉菜单....



或按数字键（参阅第 9 页）。

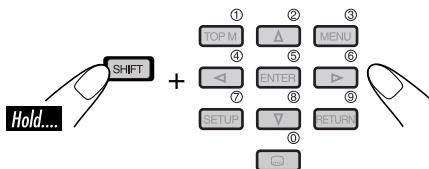


如何关闭屏幕菜单栏



如何用播放时间搜索某一特定位置

- 1 选择 。
- 2 输入当前标题或碟片的已过播放时间。



例：• 想要输入 1（小时）：02（分钟）：00（秒），按 1，0，2，0，然后按 0。

• 想要输入 54（分钟）：00（秒），按 0，5，4，0，然后按 0。

- 要求必须输入小时位数字（即使是“0”小时），但并不要求输入后续零（例中的最后两位）。
- 想要修改错误输入，请按....



• 您也可以通过 Δ / ∇ / $\triangleleft$ / $\triangleright$ 键指定已过播放时间。

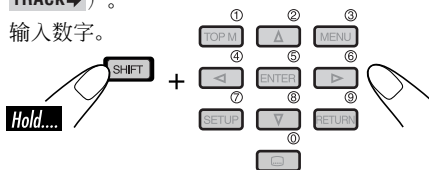
- 3 完成设定。



如何搜索某一特定的标题 / 组 / 章节 / 曲目

- 1 选择 **TITLE** $\Rightarrow$ **GROUP** $\Rightarrow$ **CHAP** $\Rightarrow$ / **TRACK** $\Rightarrow$ ）。

- 2 输入数字。



• 想要修改错误输入，请按数字键直到输入正确数字。

- 3 完成设定。

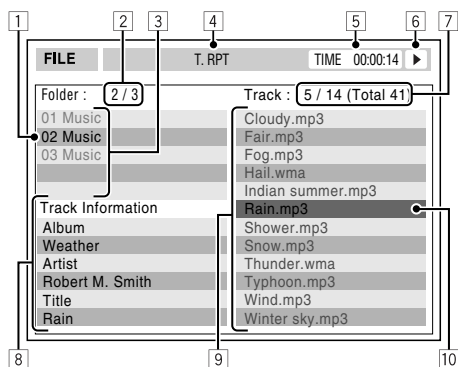


控制画面的基本操作

使用外接显示器时，您可以通过控制画面搜索并播放所需的项目。

- 当您装入碟片时，控制画面会自动在显示器上出现（仅外接显示器）。
- 仅当播放停止时，JPEG/MPEG 控制画面出现。
- 中文字符不能在控制画面上正确显示。

控制画面



例：MP3 播放

- 1 当前文件夹（在播放 CD 过程中不出现）
- 2 当前文件夹号码 / 总文件夹数量（在播放 CD 过程中不出现）
- 3 文件夹清单（在播放 CD 过程中不出现）
- 4 所选播放模式
- 5 当前曲目的已过播放时间（JPEG 播放时不出现）
- 6 操作模式图标
▶（播放），■（停止），||（暂停），▶▶（快进），◀◀（倒退）
- 7 CD：当前曲目号码 / 碟片上的曲目总数
其他：当前曲目（文件）号码 / 当前文件夹中的曲目（文件）总数（碟片上的曲目 / 文件总数）

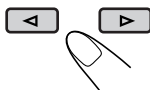
- 8 曲目信息（在 JPEG/MPEG 播放过程中不出现）
- 9 曲目（文件）清单
- 10 当前曲目（文件）（在显示器上突出显示）

如何选择文件夹或曲目

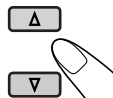


在双区功能（参阅第 30 页）启动的过程中....

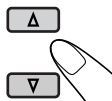
- 1 在控制画面上选择“Folder”栏或“Track”栏。



- 2 选择文件夹或曲目。



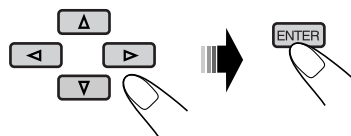
如何选择曲目



切换播放模式

在双区功能启动状态下（参阅第 30 页）....

- 1 OSD
- 2 选择想要的播放模式（参阅第 28 页）。



清单画面的操作

当使用外接显示器和双区功能时，您可以在开始播放之前显示文件夹清单 / 曲目清单（参阅第 30 页）。在此清单中，您可以确定碟片内容并开始播放。

- 中文字符不能在清单画面上正确显示。

文件夹 / 曲目清单画面

文件夹清单

1	2	3
Folder : 153/240	Track 154/198	Page : 4/6
fol130	fol140	fol150
fol131	fol141	fol161
fol132	fol142	fol162
fol133	fol143	fol163
fol134	fol144	fo 164
fol135	fol145	fo 165
fol136	fol146	fo 166
fol137	fol147	fo 167
fol138	fol148	fo 168
fol139	fol149	fo 169

曲目清单

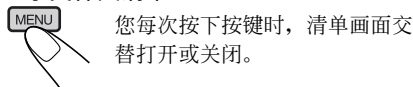
1	2	3
Folder : 153/240	Track 154/198	Page : 4/6
file0131.mp3	file0141.mp3	file0151.wma
file0132.mp3	file0142.mp3	file0152.mp3
file0133.wma	file0143.mp3	file0153.wma
file0134.mp3	file0144.mp3	file0154.mp3
file0135.mp3	file0145.wma	file0155.mp3
file0136.wma	file0146.mp3	file0156.mp3
file0137.wma	file0147.wma	file0157.mp3
file0138.mp3	file0148.mp3	file0158.wma
file0139.mp3	file0149.wma	file0159.wma
file0140.wma	file0150.wma	file0160.wma

例：MP3/WMA 的曲目清单

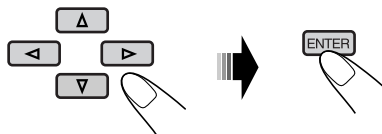
- 1 当前文件夹号码 / 总文件夹数量
- 2 当前文件夹中的当前曲目 / 总曲目数量
- 3 清单中的当前页面 / 总页面数量
- 4 当前文件夹 / 曲目（在显示器上突出显示）

在双区功能启动且碟片停止的状态下...

1 显示文件夹清单。



2 选择清单中的文件夹。

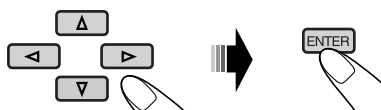


所选文件夹的曲目清单出现。

想要返回文件夹清单



3 选择清单中的曲目。

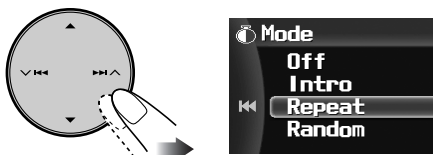


选择播放模式

您一次只能使用以下一种播放模式。

中文

- 1  (在主机上)
- 2 选择“Mode”，然后选择您想要播放的模式。



- 3 完成设定。



可选模式

Off

关闭简介 / 重复 / 随机播放。

Intro



- 对应VCD：在未使用 PBC 功能（参阅第 21 页）状态下。

模式 播放最初的 15 秒钟

Track: 当前文件夹中的所有曲目。

-  INT 指示灯点亮。

Folder*1: 所有碟片中的第一首曲目。

-  INT 指示灯点亮。

Off: 取消。

*1 仅当播放含有文件夹的碟片时。

Repeat



- 对应 VCD：在未使用 PBC 功能（参阅第 21 页）状态下。

模式 重复播放

Chapter*2: 当前章节。

-  CHAP RPT 指示灯点亮。

Title*2: 当前标题。

-  TITLE RPT 指示灯点亮。

Track*3: 当前曲目。

-  RPT 指示灯点亮。

Folder*1: 当前文件夹的所有曲目。

-  RPT 指示灯点亮。

Off: 对应 DVD：取消重复播放。
对应其他碟片：碟片中的所有曲目。

*2 仅当播放 DVD 碟片时。

*3 DVD 与 JPEG 碟片除外。

Random



- 对应 VCD：在未使用 PBC 功能（参阅第 21 页）状态下。

模式 随机播放

Folder*1: 当前文件夹中的所有曲目，然后是下一个文件夹中的曲目，以此类推。

-  RND 指示灯点亮。

Disc: 碟片中的所有曲目。

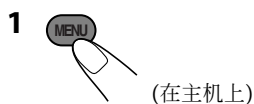
-  RND 指示灯点亮。

Off: 取消。

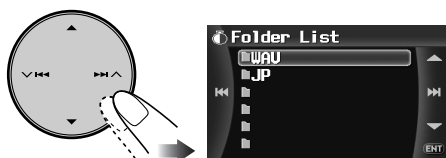
清单画面操作

在播放的过程中，您可以显示文件夹清单 / 文件清单并直接选择文件。

在播放的过程中...



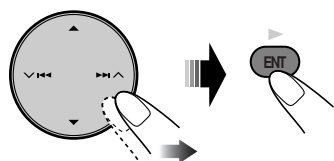
2 选择“Mode”，然后选择“List”。



3 选择所需的文件夹。



4 选择想要播放的文件。

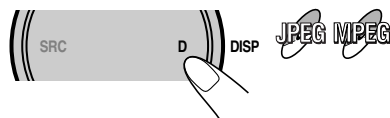


- 您也可用通过按住主机上的 ▲ / ▼ 键进入文件夹清单。

其他操作

显示器指示控制

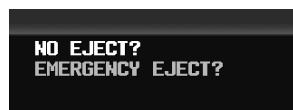
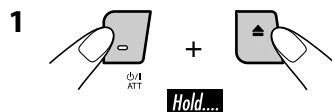
想要切换显示器显示



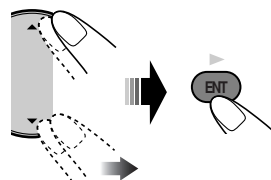
- 每次按 DISP (D) 键，显示画面在播放源画面和图片播放之间切换。

禁止碟片弹出

您可以在载槽中将碟片锁定。



2 选择“NO EJECT?”。



“No Eject” 字样闪烁。

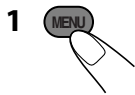
想要取消碟片锁定时，重复相同步骤选择“EJECT OK?”即可。

双区操作

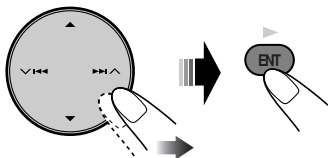
同时播放两个播放源

将外接音频设备连接至后面板上的 2nd AUDIO OUT 插孔，相对于在本机上选择的播放源单独播放碟片。在聆听任何播放源的过程中您都可以启动双区功能。

- 当使用双区功能时，您只能用遥控器来操作 DVD/CD 播放机。
- 当使用双区时，环绕声设定（参阅第23页）无效且不能调整。扬声器不发出声音。



2 选择“Dual Zone”，然后选择“On”或“On-Surround”。



Off: 关闭双区。

On: 启动双区。

On-Surround*1*2:

启动双区并往碟片播放声音增添头戴耳机环绕效果*3。当戴着耳机聆听碟片播放声音时选择此项。

*1 当播放 MPEG 碟片时无效。

*2 当将“DISC”选为播放源时，可以为发自扬声器声音增加环绕声效果。

*3 JVC 独创耳机虚拟环绕系统。

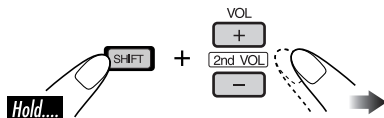
声音自动切换为“DISC”且 **DUAL**

在显示器上出现。

想要从扬声器聆听其他播放源时，按控制面板上的 SRC 键。

- 使用控制面板上的按键，您可以操作新选择的播放源而不影响双区操作。

3 通过 2nd AUDIO OUT 插头，用遥控器调整音量。



4 参照显示器画面，使用遥控器操作 DVD/CD 播放机。

想要取消双区操作，在左栏的步骤 2 中选择“Off”。（**DUAL** / **DUAL-SURR** 消失。）

在遥控器上：

您也可以启动或关闭双区。



想要要在“On”和“On-Surround”之间切换双区模式，在左栏的步骤 2 中选择双区模式。

关于通过后部端子再生的声音

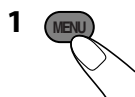
通过 2nd AUDIO OUT，发射双声道信号。当播放以多声道编码的碟片时，下行混合多声道信号。

音频和视频菜单设定

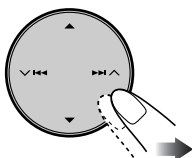
基本步骤

您可以在音频和视频菜单上调整本机的各项设定。

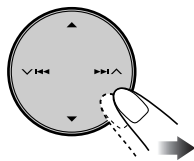
音频和视频菜单包含下图所示的菜单项目和子菜单。



2 选择想要设定的菜单项目。

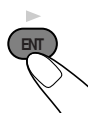


3 调整选择的项目。



4 如需要，重复步骤 2 和 3 调整其他项目。

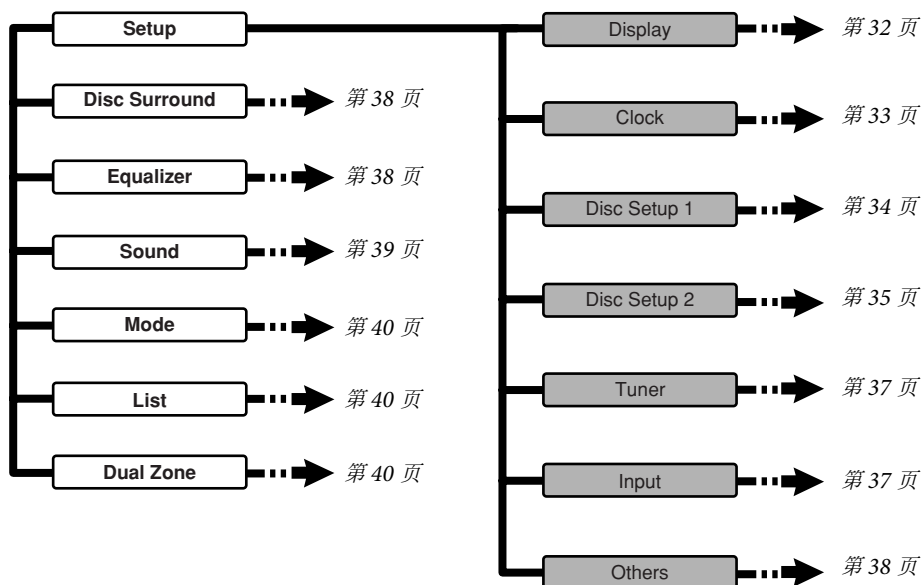
5 完成设定。



- 有关操作的详情，另参阅第 11 页的“音频和视频菜单操作的基本步骤”。

中文

音频和视频菜单的菜单项目



音频和视频菜单项目

中文

Display (显示)	显示	可选择的设定, [参考页码]
	Wall Paper (墙纸)	您可以从中选取显示器背景图片: Standard [初始设定], Rose, Gold, Black, Metal, Honeycomb-Red, Honeycomb-Green, Clown fish, Ocean, Earth.
	Scroll (文本捲动)	Off: 取消。 Once: [初始设定]; 捲动碟片信息一次。 Auto: 重复捲动显示 (5 秒钟间隔)。 • 即使“Scroll”被设定为“Off”, 您也可以按住 D DISP 键 1 秒钟以上以捲动显示。
	Tag Display (标签显示)	Off: 取消。 On: [初始设定]; 当播放 MP3/WMA/WAV 曲目时显示标签数据。
	Dimmer (减光器模式)	Off: 取消。 On: 启动减光器。 Auto: [初始设定]; 当您启动车前灯时, 调暗显示屏亮度。 Time Set: 设定减光器启动 / 关闭时间。
	Bright (亮度)	您可以调整光亮度使显示屏更清晰可见。 -15 (最暗) 至 +15 (最亮) [初始设定]: 00 • 想要调整播放图像的光亮度时, 调整下面“Screen Control”中的“Bright”选项。
	Screen Control (屏幕调整)*1	您可以调整“DISC”和“AV-IN”播放图像的颜色和光亮度。设定将对应“DISC”和“AV-IN”分别储存。 -15 至 +15 [初始设定]: 00 Bright: 如果图像太亮或太暗, 调整此项。 Contrast: 调整图像亮暗部分的对比度。 Color: 调整图像颜色—浅或浓。 Tint: 如果人物的肤色看起来不自然, 调整图像色彩。

*1 仅当播放源为包含图片或影片的碟片或为“AV-IN”时可进行调整。

显示

可选择的设定，〔参考页码〕

Aspect*1（纵横比）

您可以根据播放源的纵横比调整显示器上的画面形状。从下列选项中选择最佳的一项。

	输入信号的纵横比	
	4:3	16:9
Normal（普通）： 对应 4:3 的原始形状		
Full（全屏）： [初始设定]； 对应 16:9 的原始形状		
Just（适度）：		
Zoom（放大）：		
Auto（自动）：	根据输入的信号自动从上述选项中选择形状。	

- 您也可以按控制面板上的 ASPECT (A) 键或遥控器上的 ASPECT 键调整画面形状。[19]

NTSC/PAL（颜色制式）

选择播放碟片的颜色制式（**NTSC** 或 **PAL**）。
[初始设定]；PAL

- 关闭电源并再次打开，使新的设定生效。

Language（语言）

您可以在显示器上选择指示语言。
English（英语） [初始设定]，**Chinese Simple**（简体中国语），**Chinese Trad.**（繁体中国语）。

- 关闭电源并再次打开，使新的设定生效。

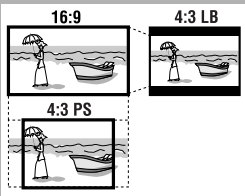
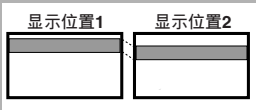
Time Set（时间调整）

您可以调整本机的内设时钟。[10]
[初始设定]；1:00 AM

12Hours / 24Hours（时钟模式）

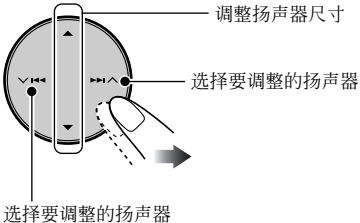
12Hours / 24Hours, [11]
[初始设定]；12Hours

*1 仅当播放源为 DVD, VCD, JPEG 或 MPEG 碟片时可进行调整。

显示	可选择的设定, [参考页码]
Menu Language (菜单语言) *1	选择初始碟片菜单语言。
Audio Language (声音语言) *1	选择初始声音语言。
Sub Title (字幕语言) *1	选择初始字幕语言或删除字幕 (OFF)。
OSD Language (画面表示语言) *1	为外部显示器上显示的某些指示信息选择语言。
Monitor Type (屏幕类型) 	选择显示类型, 以在显示器上观赏宽屏画面。 • 16:9: [初始设定]; 当显示器的纵横比为 16:9 时选择此项。 • 4:3 LB [4:3 信箱屏幕]: 当显示器的纵横比为 4:3 时选择此项。在观赏宽屏画面时, 在屏幕的顶部和底部会出现黑栏。 • 4:3 PS [4:3 全景屏幕]: 当显示器的纵横比为 4:3 时选择此项。在观赏宽屏画面时, 黑栏不出现; 但图像左右两侧的边缘会显示不全。
OSD Position (显示位置) 	选择屏幕菜单栏的位置。[24] • 1: [初始设定]; 靠上 • 2: 靠下
File Type (文件类型)	当碟片包含不同类型的文件时, 选择播放文件类型。 • Audio (音频): [初始设定]; 播放 MP3/WMA/WAV 文件。 • Picture (静止图像): 播放 JPEG 文件。 • Video (视频): 播放 MPEG 1/2 文件。

*1 关于语言设定, 另参阅第 48 页的语言代码列表。

*2 仅当播放源为 DISC 且播放停止时可进行选择。

显示	可选择的设定, [参考页码]
D. Range Compres. (动态范围控制) *1	在播放杜比数码软体的过程中, 您可以在低音量或中音量水平下欣赏强劲音效。 • AUTO (自动): 选择此项以在多声道编码的软体 (不包括单声道和双声道软体) 中增强此效果。 • ON (通): [初始设定]; 想要一直使用此功能时选择此项。
Speaker Size (扬声器尺寸) *1 	当播放源为碟片且播放停止时, 您可以根据使用的扬声器调整前置 / 后置扬声器和中心扬声器的扬声器尺寸。 • Front SPK (前置扬声器): Small, Large [初始设定] • Center SPK (中心扬声器): None [初始设定], Small, Large<1> • Rear SPK (后置扬声器): None<2>, Small, Large [初始设定] • Subwoofer (重低音扬声器): On [初始设定], Off<2> • 扬声器尺寸: “Large” 对应 13 cm 直径或更大; “Small” 对应 13 cm 直径或更小。 <1> 当对应前置或后置扬声器未选取 “Large” 时不可进行选择。 <2> 当未启用中重低音功能时无效。  • 当对应除前置扬声器以外的所有扬声器选择 “None” 或 “Off” 时... - Disc Surround [38] 自动切换为 “Surround Off”。 - Disc Surround [38] 不能调整。

*1 仅当播放源为 DISC 且播放停止时可进行选择。

*2 仅当播放源为 DISC 时可进行选择。

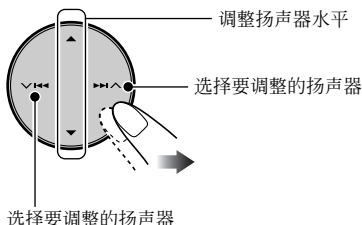
显示

Speaker Level (扬声器水平)^{*1}

可选择的设定, [参考页码]

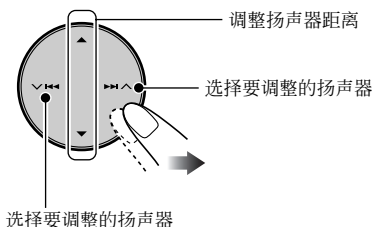
您可以通过测试音调整每个扬声器的输出水平。
按住 ENT 键启动 (或取消) 测试音调。

- **Front Lch/Center ch/Front Rch/Rear Rch/Subwoofer^{*2}/Rear Lch:** 在 -10dB $-+10\text{dB}$ 的范围内调整每个扬声器的输出水平。[初始设定]: 00dB

**Speaker Distance (扬声器距离)^{*4}**

您可以根据扬声器的聆听位置的距离分别调整各个扬声器的输出时间。

- **Front Lch/Center ch/Front Rch/Rear Rch/Rear Lch:** 在 15 cm 至 600 cm 的范围内调整扬声器距离每一步调整 15 cm 。
[初始设定]: 120 cm (对应中心扬声器), 150 cm (对应其他扬声器)

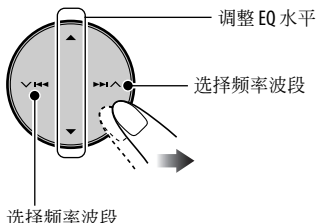


- ^{*1} 当检测音调起动时, 白噪声每隔 2 秒钟发出一次, 并在 “Speaker Size” 上启动的扬声器间循环。当检测音调从目标扬声器发出时, 重复按 ▲ / ▼ 键来调整设定 (在调整过程中检测音调继续从目标扬声器中发出) [35]。
- ^{*2} 仅当播放多声道播放源且碟片环绕声打开, 或当启用 Dolby PLII Movie/Music 时设定有效。在其他情况下, 调整 “Subwoofer” [39]。
- ^{*3} 仅当播放源为 DISC 时可选择。
- ^{*4} 当所有扬声器, 除前置扬声器以外, 在 “Speaker Size” 上启动时将不能选择 [35]。

显示	可选择的设定，〔参考页码〕
Tuner (收音机) IF Band Width (中频滤波器)	在某些地区，邻近的电台可能会互相干扰。如果发生干扰，可能会听见噪音。 Auto: [初始设定]；此种干扰发生时，本机自动增加调谐器选择性从而减少噪音。（立体声效果可能丢失。） Wide: 受邻近电台的干扰，但声音质量不会下降且不丢失立体声效果。
Input (输入)	您可以决定 LINE IN 和 VIDEO IN 插孔的用途。 Off: 当不需要将 AV-Input 作为播放源使用时选择该项（从播放源项目中删除 AV-IN）。 Audio&Video: [初始设定]；当连接音频和视频部件，如 VCR 时选择该项。 Audio: 当连接音频部件，如卡式座时选择该项。 Camera^{*1}: 当连接后视照相机时选择该项。 Camera Reverse^{*1}: 后视镜像在显示器上显示。（仅在本机上的显示器上显示；外接显示器上出现普通后视画面）。
	External Input (外接输入) Changer/iPod/D. Player^{*2} (换碟机 / iPod / D. 播放机) : [初始设定]；想要使用 JVC CD 换碟机，iPod，JVC D. 播放机等。[42, 45] External Input (外接输入) : 想要使用上述以外的外接组件时。[44]

^{*1} 需要连接反向表示灯。参阅安装 / 连接手册（别册）。当您将变速器转到反向（R）位置时，通过像机得到的后视画面，按完全纵横比在显示上出现（无论纵横比设定如何）。

^{*2} 取决于连接的外接组件类型，播放源显示自动进行切换。

	显示	可选择的设定, [参考页码]
Others (其它)	Beep (按键音)	如果不想每次按键时发出声音, 您可以关闭触键音。 Off: 取消。 On: [初始设定]; 打开触键音。
	Telephone Muting (电话静音)	Off: [初始设定]; 取消。 Muting1/Muting2: 使用手机时, 选择其中一项使声音静止。
Disc Surround (碟片环绕)	Surround Off (环绕断)	选择此项关闭环绕功能。
	Surround On (环绕通)	选择此项打开环绕功能。[23] Auto [初始设定], Dolby PLII Movie*2, Dolby PLII Music*2
Equalizer (均衡器)	Flat/Hard Rock/R&B/Pop/Jazz/Dance/Country/Reggae/Classic/User 1/User 2/User 3 	您可以选择预设均衡器设定。 [初始设定]; Flat 您可以调整声音模式并将调整储存进 User 1/2/3 中。 - 选择需要调整的波段— 60 Hz, 150 Hz, 400 Hz, 1kHz, 2.5kHz, 6.3kHz, 15kHz。 - 调整所选波段水平 (-05 至 +05)。 - 重复步骤 1 和 2 调整其他频率波段。 - 按 ENT 键。 - 选择想要存储设定的预设名称 (User 1, User 2, User 3)。 - 按 ENT 键。  调整 EQ 水平 选择频率波段 选择频率波段

*1 仅当播放源为 DISC 时可进行选择。

*2 对应 “Dolby PLII Movie” 和 “Dolby PLII Music” 的菜单项目, 参阅第 23 页。

*3 当播放源为 DISC 且环绕功能开启时不可进行选择 (参阅第 23 页)。

显示

可选择的设定, [参考页码]

Fader/Balance (衰减器 / 平衡器)

调整衰减器—前置和后置扬声器之间的扬声器输出平衡。

• 最高—仅前置

• 最低—仅后置

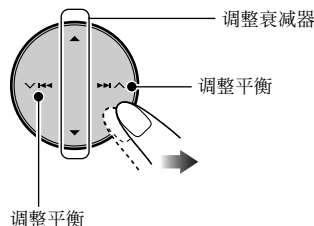
使用双扬声器系统时, 将衰减器设定在中间位 (00)。

调整平衡—左置和右置扬声器的扬声器输出平衡。

• 最左—仅左置

• 最右—仅右置

按 ENT 键完成设定。

**Volume Adjust** (音量调整)

调整并储存除 FM 以外的每种播放源的音量水平。

一旦进行调整, 该调整会被记忆储存, 且当您切换播放源时, 音量水平随调整水平自动增加或降低。

调整符合 FM 声音水平的输入水平。

• -12 (最小) 至 +12 (最大) [初始设定: 00]

Subwoofer (重低音扬声器)

调整以下子菜单中的设定:

• **Phase:** 重低音扬声器音阶。选择 “Normal” 或 “Reverse”, 再生出更佳的音质。• **Level*1:** 重低音扬声器输出水平。水平: -06 (dB) 至 +08 (dB) [初始设定: +00 (dB)]。**High Pass Filter** (高通滤波器)**Through:** [初始设定]; 当不连接重低音扬声器时选择此项。**On:** 当连接重低音扬声器时选择此项。**Crossover** (交界频率)

在前置 / 后置扬声器和重低音扬声器之间调整交界频率。

80Hz, 120Hz [初始设定], **150Hz**

*1 仅当播放多声道播放源且碟片环绕打开, 或当启用 Dolby PLII Movie/Music 时设定无效。在该情况下, 调整 “Speaker Level” [36]。

	显示	可选择的设定, [参考页码]
Sound (声道)	Amplifier Gain (功率放大器)	您可以切换本接收机的最大音量水平。 Amplifier Off: 关闭内置放大器。 Low Power: VOL 00 – VOL 30 (如果扬声器的最大功率小于 50 W 时, 为避免损坏扬声器, 请选择此项。) High Power: [初始设定]; VOL 00 – VOL 50
	Rear Speaker (后置扬声器输出) *1	您可以启动 / 关闭后置扬声器。 Off, On [初始设定]
Mode (模式)	Mono (单声道) *2	当 FM 广播接收困难时启动。[12] Off [初始设定], On
	DX / Local *2	选择 FM 选择灵敏度。[12] DX [初始设定], Local
	SSM *2	搜索 FM 电台并自动存储。[13]
	Title Entry (命名) *3	您可以为预设电台输入名称, 指定 AV Input 和 External Input 等的音源名称。[41]
	Off/Intro/Repeat/Random (断 / 序曲 / 重复 / 任意) *4	您可以选择本机中及 CD 换碟器中碟片的播放模式[28, 43]
List (清单)		从屏幕画面清单上选择广播电台, 文件夹, 文件和碟片。[14, 29, 42] • 可选择清单因音源不同而不同。
Dual Zone (双区功能)		启动 / 关闭双区功能。[30] Off [初始设定], On, On-Surround

*1 仅当双区功能启动时有效。(参阅第 30 页)

*2 仅当音源为调谐器时出现。

*3 当音源为下列时出现: Tuner, AV-IN, EXT-IN, CD-CH 或传统 CD。

*4 可选播放模式因碟片类型而不同。关于可供选择的播放模式, 参阅第 28 和 43 页。

其他主要功能

为播放源命名

您可以为电台频率和 CD（在本机和 CD 换碟器中的 CD）命名并为 AV-INPUT 和 EXT-INPUT 的播放源更改名称。

播放源	最多可输入字符数
FM/AM 调谐器	最多 16 个字符（最多 30 个电台频率）
AV-INPUT/EXT-INPUT	最多 16 个字符
DISC/CD-CH	最多 32 个字符（最多 30 张碟片）

• 您只可以为传统 CD（CD-DA）配备名称。

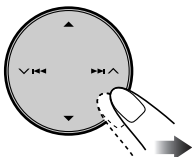
1 选择播放源。

- 想要选择 FM/AM 调谐器：调收一个电台。
- 想要选择 AV-IN/EXT-IN：选择播放源。
- 想要选择本机上的 CD：装入 CD。
- 想要选择 CD 换碟器上的 CD：先选择“CD-CH”，然后选择碟片号码。

2



3 选择“Mode”，然后选择“Title Entry”。



例：当选择“AV-IN”为播放源时

4 配备名称。

1 选择一个字符组。



2 选择一个字符。



- 关于可供选择的字符，参阅第 3 页。

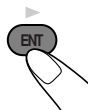
3 移至后一个（或前一个）字符位。



4 重复步骤 1 至 3，直到完成名称输入。



5 完成设定。



如何清除整个名称

在左栏步骤 3 中....



CD 换碟器的操作

关于 CD 换碟器

建议您在本机上使用 JVC MP3 兼容式 CD 换碟器。

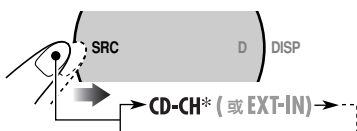
- 当连接 JVC 文本 CD 兼容式 CD 换碟器时，可以显示文本 CD 中录制的碟片文本信息。

在操作您的 CD 换碟器之前：

- 请参阅随 CD 换碟器附带的使用手册。
- 您不能控制和播放任何 CD 换碟器中 DVD 视频 / DVD 音频, VCD, WMA, WAV, MPEG 或 JPEG 碟片。

所装入碟片的所有曲目将重复播放直到您切换播放源或从 CD 换碟器中退出碟片仓。

1



* 如果已将“External Input”设定为“External Input”（参阅第 37 页），不能选择 CD 换碟器。



所选碟片号码

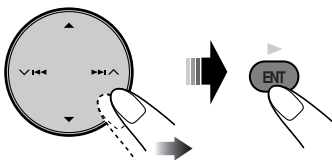
2

选择碟片。

1

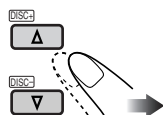


2 选择“List”，然后选择想要播放的碟片。



- 当前碟片是 MP3 碟片时，您不能通过按 ►► 键移动 FOLDER LIST。
- 中文标签和其他文本信息不能正确显示。

使用遥控器时....



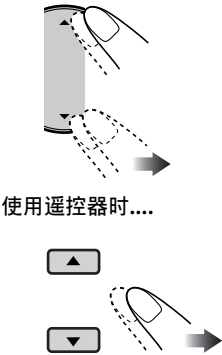
如何快进或倒退曲目



如何播放后面或前面的曲目



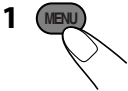
如何播放后面或前面的文件夹（仅对应MP3 碟片）



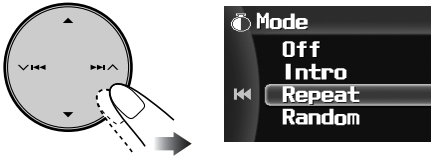
使用遥控器时....

选择播放模式

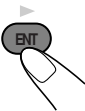
您一次只能使用以下一种播放模式。



2 选择“Mode”，然后选择想要的播放模式。



3 完成设定。



可选择的模式

Off

关闭简介 / 重复 / 随机播放。

Intro

模式	播放最初的 15 秒钟
Track:	所装入碟片的所有曲目。 • INT 指示灯点亮。
Folder*:	当前碟片的所有文件夹中第一首曲目。 • INT 指示灯点亮。
Disc:	所有装入碟片的第一首曲目。 • INT 指示灯点亮。
Off:	取消。

Repeat

模式	重复播放
Track:	当前曲目。 • RPT 指示灯点亮。
Folder*:	当前文件夹中的所有曲目。 • RPT 指示灯点亮。
Disc:	当前碟片的所有曲目。 • RPT 指示灯点亮。
Off:	取消。

Random

模式	随机播放
Folder*:	当前文件夹中的所有曲目，然后是下一个文件夹中的曲目，以此类推。 • RND 指示灯点亮。
Disc:	当前碟片的所有曲目。 • RND 指示灯点亮。
All:	所装入碟片的所有曲目。 • RND 指示灯点亮。
Off:	取消。

* 仅当播放 MP3 碟片时

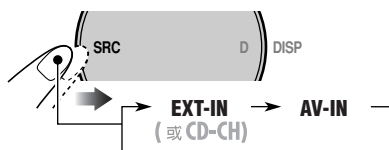
外接组件的操作

播放外接组件

您可以将外接组件接至后面板上的 LINE IN 和 VIDEO IN 插孔，或使用 KS-U57 线路输入适配器（另购）或 KS-U58 AUX 线路输入适配器（另购）接至后面板上的 CD 换碟器插孔。

- 关于如何连接，参阅安装 / 连接手册（别册）。

1



AV-IN: 用于选择连接至 LINE IN 和 / 或 VIDEO IN 插孔的外接组件。

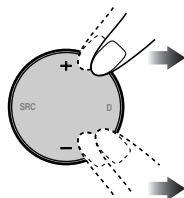
- 想要改变 AV INPUT 的设定，参阅第 37 页。

EXT-IN: 用于选择连接至后面板上 CD 换碟器插孔的外接组件。

- 如果“EXT-IN”字样未出现，参阅第 37 页并选择外接输入（EXT-IN）。

2 启动所连接的组件并开始播放播放源。

3 调整音量。



4 根据需要调整均衡器。（参阅第 38 页。）

iPod®/D. 播放机的操作

本机可以从控制面板操作 Apple iPod 或 JVC D. 播放机。

- 您也可以在下列操作中使用遥控器上对应的按键。

在操作 iPod 或 D. 播放机之前：

将下列（另购）之一连接至本机后面板上 CD 换碟器的插孔。

- **iPod 界面适配器**—KS-PD100 用于控制 iPod。
- **D. 播放机界面适配器**—KS-PD500 用于控制 D. 播放机。

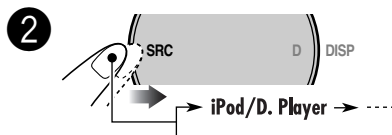
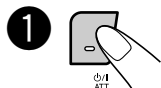
- 关于如何连接，参阅安装 / 连接手册（别册）。
- 详情另参阅界面适配器附带的使用手册。

注意：

在连接或断开 iPod 或 D. 播放机之前，请确保本机或点火开关已关闭。

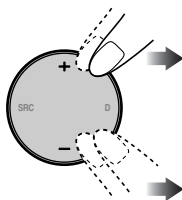
准备：

确保在外接输入设定中已选择“Changer / iPod / D. Player”，参阅第 37 页。



播放从上次暂停（iPod）或停止（D. 播放机）的地方自动开始。

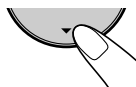
3 调整音量。



4 根据需要调整均衡器。（参阅第 38 页。）

- 确保 iPod 或 D. 播放机上的均衡器已关闭。

如何暂停（iPod）或停止（D. 播放机）播放



想要继续播放，再次按该键。

如何快进或倒退曲目



如何移到后面或前面的曲目



从菜单中选择曲目

1 进入 iPod 或 D. 播放机的主菜单。



此时 ▲/▼/▼ |◀◀/▶▶| ▲ 键用作菜单选择键*1。

2 选择所需的菜单。



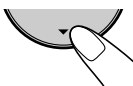
对应 iPod:

播放列表 ↔ 演出者 ↔ 专辑
乐曲类型 ↔ 作曲者 ↔ 歌曲

对应 D. 播放机:

播放单 ↔ 演出者 ↔ 专辑
类型 ↔ 歌曲

3 确认选择。



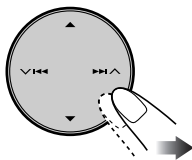
想要返回到先前菜单，按 ▲ 键。

- 若已选择曲目，播放会自动开始。
- 若所选项目有另一层级，您将会进入那一级。重复步骤 2 和 3 直到确定所选曲目。
- 按住 ▼ |◀◀/▶▶| ▲ 键可每次跳播 10 个项目。

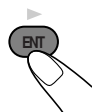
*1 菜单选择模式将被取消:

- 约 5 秒种内不进行任何操作。
- 当您确认曲目选择时。

2 选择“Mode”，然后选择所需的播放模式。



3 完成设定。



可选择的模式

Off

取消重复 / 随机播放

Repeat

模式	重复播放
One:	该功能与 iPod 中的“重复播放一首”或 D. 播放机中的“重复模式一曲”相同。 ● RPT 点亮。
All:	该功能与 iPod 中的“重复播放全部”或 D. 播放机中的“重复模式全部”相同。 ● ALL RPT 点亮。
Off:	取消。

Random

模式	随机播放
Album:	该功能与 iPod 中的“随机播放专辑”相同。 ● ALB RND 点亮。
Song:	该功能与 iPod 中的“随机播放歌曲”相同。 ● SONG RND 点亮。
On:	该功能与 D. 播放机中的“随机播放”相同。 ● RND 点亮。
Off:	取消。

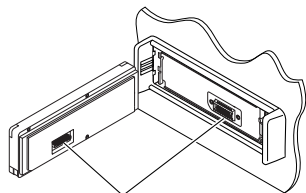
选择播放模式

1



如何清洁连接器

经常性的拆卸会损坏连接器。为了降低这种可能性，定期用棉条或布沾酒精擦拭，要小心避免损坏连接器。



连接器

水蒸气结露

在下列情况下，DVD/CD 播放机内部的镜头可能发生水蒸气结露：

- 打开车内取暖气后。
- 若车内异常潮湿。

发生此种情况时，DVD/CD 播放机可能发生故障。此时可弹出碟片，将主机启动几个小时，直到结露蒸发掉。

如何保养碟片

当将碟片从盒中取出时，请握持碟片的边缘，同时按下盒内的中央钮将其取出。

- 请一定握持碟片的边缘。切勿触摸其录音面。

欲将碟片放回盒中时，请将碟片轻轻套在中央钮上（使印刷面朝上）。

- 使用后务必将碟片放入盒中保存。

中央钮



如何保持碟片的清洁

脏污的碟片无法正确播放。

如果碟片确实脏污，请用软布从中心到边缘直线擦拭。

- 切勿使用任何溶剂（例如：传统的录音清洁剂，喷雾剂，稀释剂，轻油精等）来清洁碟片。



如何播放新碟片

新碟片的里面边缘和外边缘上可能有一些粗糙的污点。使用这样的碟片时，本机可能将其退出。

若要去除这些粗糙的污点时，请用铅笔或圆珠笔等擦拭碟片的边缘。



切勿使用下列碟片：

弯曲的
碟片



黏贴纸



黏贴纸
标签



上面贴的
标签

语言代码

代码	语言	代码	语言	代码	语言
AA	阿法尔语	IK	依努底克语	RN	基隆迪语
AB	阿布哈兹语	IN	印尼语	RO	罗马尼亚语
AF	南非利堪斯语	IS	冰岛语	RW	基尼阿万达语
AM	阿姆哈拉语	IW	希伯来语	SA	梵语
AR	阿拉伯语	JI	依地语	SD	信德语
AS	阿萨姆语	JW	爪哇语	SG	桑戈语
AY	埃马拉语	KA	格鲁吉亚语	SH	塞尔维亚-克罗地亚语
AZ	阿塞拜疆语	KK	哈萨克语	SI	僧加罗语
BA	巴什基尔语	KL	格陵兰语	SK	斯洛伐克语
BE	白俄罗斯语	KM	柬埔寨语	SL	斯洛文尼亚语
BG	保加利亚语	KN	坎纳达语	SM	萨摩亚语
BH	比哈尔语	KO	朝鲜语 (KOR)	SN	绍纳语
BI	比斯拉玛语	KS	克什米尔语	SO	索马里语
BN	孟加拉语	KU	库尔德语	SQ	阿尔巴尼亚语
BO	藏语	KY	吉尔吉斯语	SR	塞尔维亚语
BR	布列塔尼语	LA	拉丁语	SS	塞斯瓦替语
CA	加泰隆语	LN	林加拉语	ST	塞索托语
CO	科西嘉语	LO	老挝语	SU	苏丹语
CS	捷克语	LT	立陶宛语	SW	斯瓦希利语
CY	威尔士语	LV	拉托维亚语	TA	泰米尔语
DZ	不丹语	MG	马达加斯加语	TE	泰卢固语
EL	希腊语	MI	毛利语	TG	塔吉克语
EO	世界语	MK	马其顿语	TH	泰国语
ET	爱沙尼亚语	ML	马拉雅拉姆语	TI	提格里尼亚语
EU	巴斯克语	MN	蒙古语	TK	土库曼语
FA	波斯语	MO	摩尔达维亚语	TL	塔加路族语
FI	芬兰语	MR	马拉提语	TN	塞茨瓦纳语
FJ	斐济语	MS	马来语 (MAY)	TO	汤加语
FO	法罗语	MT	马尔他语	TR	土耳其语
FY	弗里西语	MY	缅甸语	TS	从咖语
GA	爱尔兰语	NA	瑙鲁语	TT	鞑靼语
GD	苏格兰语	NE	尼泊尔语	TW	特维语
GL	加利西亚语	NO	挪威语	UK	乌克兰语
GN	瓜拉尼语	OC	奥克西唐语	UR	乌尔都语
GU	古吉拉特语	OM	(阿梵) 奥洛莫语	UZ	乌兹别克语
HA	豪萨语	OR	奥利亚语	VI	越南语
HI	印地语	PA	旁遮普语	VO	沃拉普克语
HR	克罗地亚语	PL	波兰语	WO	沃洛夫语
HU	匈牙利语	PS	普什图语	XH	科萨语
HY	亚美尼亚语	PT	葡萄牙语	YO	约鲁巴语
IA	国际语 A	QU	凯楚亚语	ZU	祖鲁语
IE	国际语 E	RM	利托-罗曼语		

关于本接收机的附加信息

基本操作

启动电源

- 按本机上的 SRC 键，您也可以启动电源。

选择播放源

- 当本机中没有装载碟片和双区功能关闭时，“DISC”不能被选取。
- 不与 CD 换碟器连接时，“CD-CH”不能被选取。

关闭电源

- 如果您在聆听碟片时关闭电源，下次启动电源时，碟片会自动播放。

调谐器的操作

将电台存储在记忆体中

- 在 SSM 搜索过程中...
 - 该波段原本储存的所有电台被删除，电台被重新储存。
 - 接收到的电台被预设到号码 1（频率最低的电台）至号码 6（频率最高的电台）。
 - SSM 结束后，自动调收储存在号码 1 里的电台。
- 手动储存电台时，当一个新的电台被存到同一个预设号码上时，原来的预设电台被抹除。

碟片的操作

一般操作

- 在本使用手册中，当指代音乐 / 图像 / 电影文件及其文件名称时，单词“曲目”和“文件”交替使用。
- 本机也可以播放 8 公分的碟片。
- 如果同一张碟片中录制有不同类型的文件，本机仅能播放音频 CD（CD-DA）。
 - 如果首先检测到不同类型的文件，本机会跳过第一首曲目。
- 当碟片已经装入载槽时，选择“DISC”作为播放源开始播放碟片。

切换播放源

- 如果您切换播放源，播放也会停止（碟片不会弹出）。
下次您选择“DISC”为播放源（未启动双区）时，碟片自动开始播放。

弹出碟片

- 如果 15 秒以内弹出的碟片没有被拿出，碟片会自动再次插入载槽以免被弄脏。（此次碟片不会播放。）

播放可录制 / 反复录制碟片

- 仅可使用“格式化”之后的碟片。
- 若碟片包含多种文件，本机可以播放 MP3/WMA/WAV 文件，JPEG 文件或 MPEG 文件。在开始播放包含不同种类文件的碟片之前，在音频和视频菜单设定（参阅第 34 页）中设定播放文件类型。
- 仅对应 CD-R/CD-RW：本机可播放多区段数据碟片，但在播放时将跳过未关闭的区段。
- 基于碟片本身的特性和下述原因，某些可录制 / 可再编辑碟片可能无法在本机上播放：
 - 碟片脏污或被刮伤。
 - 主机内部的镜头发生水蒸气结露。
 - 主机内部的读取头脏污。
 - 碟片在以“数据包”方法写入的文件上。
 - 碟片不是以 UDF-Bridge 格式写入的（例如 UDF 格式或 ISO 格式）。
 - 录制错误（丢失数据等）或媒介出现问题（污块，刮痕或弯曲等）。
- 反复录制碟片可能需要较长的读取时间。
- 切勿使用下列碟片：
 - 表面贴有贴纸，标签或起防护作用的标志的碟片。
 - 标签可直接用喷墨打印机打印的碟片。
 在高温或极度潮湿的情况下使用这些碟片可能会导致故障或损坏碟片。

播放 MP3/WMA/WAV 碟片

- 本机可以播放带有增设码 <.mp3>，<.wma> 或 <.wav> 的 MP3/WMA/WAV 文件（不论字母大小写一大写 / 小写）。
- 本机可以显示 MP3/WMA/WAV 文件的专辑名称，演唱者（表演者），及标签（版本 1.0, 1.1, 2.2, 2.3 或 2.4）。
- 本机可以在下述条件下播放 MP3/WMA/WAV 文件：
 - 比特率：MP3: 32 kbps — 320 kbps
WMA: 32 kbps — 320 kbps
 - 抽样频率：
 - 48 kHz, 44.1 kHz, 32 kHz（对应 MPEG-1）
 - 24 kHz, 22.05 kHz, 16 kHz（对应 MPEG-2）
 - 48 kHz, 44.1 kHz, 32 kHz（对应 WMA）
 - 44.1 kHz（对应 WAV）
 - 碟片格式：ISO 9660 Level 1 / Level 2, Romeo, Joliet, Windows 长文件名
- 文件 / 文件夹名最多允许的字符数因采用的碟片格式而异（包括 4 位增设字符—<.mp3> <.wma> 或 <.wav>）。
 - ISO 9660 Level 1: 最多 12 个字符
 - ISO 9660 Level 2: 最多 31 个字符
 - Romeo: 最多 128 个字符
 - Joliet: 最多 64 个字符
 - Windows 长文件名: 最多 128 个字符
- 本机总共可以识别 3500 个文件，250 个文件夹（每个文件夹最多 999 个文件）。

- 本机可以播放以 VBR（可变比特率）录制的文件。
以 VBR 录制的文件在显示已过播放时间上会有差异，并不显示实际已过播放时间。特别是在操作搜索功能之后，这种差异更为明显。
- 本机不能播放下列文件：
 - 以 MP3i 和 MP3 PRO 格式编码的 MP3 文件。
 - 以不适当格式编码的 MP3 文件。
 - 以 1/2 层编码的 MP3 文件。
 - 以无损的，专业的声音格式编码的 WMA 文件。
 - 非基于 Windows Media® Audio 的 WMA 文件。
 - 以 DRM 拷贝保护的 WMA 格式文件。
 - 以 MBR（多比特率）格式录制的 WMA 格式文件。
 - 包含如 AIFF，ATRAC3 等数据的文件。

播放 JPEG 碟片

- 建议以 640 x 480 的分辨率录制文件。（如果文件是以大于 640 x 480 的分辨率录制的，显示文件将花更长的时间。）
- 本机仅能播放基线 JPEG 文件。不能播放渐进 JPEG 文件或无损 JPEG 文件。
基线 JPEG 格式：用于数码相机，网络等。
渐进 JPEG 格式：用于网络。
无损 JPEG 格式：较老的类型，现已很少使用。
- 如果播放渐进或无损 JPEG 文件，会出现黑屏。在此情况下，停止播放并选择基线 JPEG 文件。注意选择另一个文件会花较长的时间。

播放 MPEG 碟片

- 本机可以播放带有增设码 <.mpg> 的 MPEG 1/2 文件。
- 音频流应与 MPEG1 Layer 2 相一致。

音频和视频菜单

- 如果您选择的语言未被录制在碟片上，原始语言被自动用作初始语言。此外，由于内部碟片程序不同，某些碟片的初始语言设定无效。在您切换任何语言设定之后，弹出碟片并重新装入（或装入另一张碟片）以激活您的设定。
- 当您为纵横比为 4:3 的图片选择“16:9”时，图片宽度的转换会引起图片稍微变形。
- 对应某些 DVD，即使您选择了“4:3 PS”，画面尺寸也可能显示为“4:3 LB”。这取决于碟片被如何录制。
- 如果您在音量设定高于“VOL 30”时将“Amplifier Gain”设定从“High Power”切换为“Low Power”，本机则会自动将音量水平切换为“VOL 30”。

其他主要功能

- 若您试图为第 31 个电台或第 31 张碟片命名时，“Name Full”字样就会在显示屏上闪烁。命名之前删除不想要的名称即可。
- 如果从本机播放碟片，则为 CD 换碟器中的碟片所做的命名也会出现。

iPod® 或 D. 播放机的操作

- 当您启动本机时，iPod 或 D. 播放机通过本机进行充电。
- 当 iPod 或 D. 播放机连接至本机时，将不能从 iPod 或 D. 播放机进行操作。所有的操作须在本机上进行。
- 文本信息可能无法正确显示。
 - 某些字符如重音字母无法在显示屏上正确显示。
 - 中文字符不能在显示屏上正确显示。
 - 取决于 iPod 或 D. 播放机和本机连接的情况。
- 若文本信息包含多于 18 个字符，该文本信息将在显示屏上滚动（参阅第 32 页）。本机最多可显示 40 个字符。

中文文本信息

- GB13000 字符设定用于当您将“Chinese Simple”选择为表示语言时显示标题和其他文本信息。当您选择“Chinese Trad.”时，使用 Big5 字符设定（参阅第 33 页）。
- 如果对应专辑名称和演唱者（表演者）名称使用不同的字符设定，某些字符可能无法正确显示。
- 显示器上可以显示文件 / 文件夹名称的中文字符最多为 12 - 25（包括增设码）。最大字符数因字符设定而异。

注意：

当操作 iPod 或 D. 播放机时，可能无法正确进行某些操作。此种情况下，参阅下列 JVC 网站：

对应 iPod 用户：<<http://www.jvc.co.jp/english/car/support/ks-pd100/index.html>>

对应 D. 播放机用户：<<http://www.jvc.co.jp/english/car/support/ks-pd500/index.html>>

屏幕指南图标

在播放过程中，以下指南图标可能会在显示器上出现片刻。

：出现在含多音频语言影片的开始处（仅对应 DVD）。

：出现在含多字幕语言影片的开始处（仅对应 DVD）。

：出现在含多角度欣赏影片的开始处（仅对应 DVD）。

：播放

：暂停

：慢动作前进（仅对应 DVD 和 VCD）

：慢动作回放（仅对应 DVD）

：快进搜索

：倒退搜索

声音模式（预设频率水平设定）

下表说明对应每种声音模式的预设频率水平设定（参阅第 38 页）。

声音模式	预设均值						
	60 Hz	150 Hz	400 Hz	1 kHz	2.5 kHz	6.3 kHz	15 kHz
Flat	00	00	00	00	00	00	00
Hard Rock	+03	+03	+01	00	00	+02	+01
R&B	+03	+02	+02	00	+01	+01	+03
Pop	00	+02	00	00	+01	+01	+02
Jazz	+03	+02	+01	+01	+01	+03	+02
Dance	+04	+02	00	-02	-01	+01	+01
Country	+02	+01	00	00	00	+01	+02
Reggae	+03	00	00	+01	+02	+02	+03
Classic	+02	+03	+01	00	00	+02	00

故障排除

所出现的问题并不总是严重的故障。在洽询维修服务中心之前，请首先检查下述要点。

中文

	症状	措施 / 原因
一般	扬声器不发出声音。	- 将音量设定在合适的水平。 - 检查导线和线路连接。
		检查导线和线路连接。
	本机完全不工作。	重设本机（参阅第 2 页）。
	遥控器完全不工作。	启动双区功能（参阅第 30 页）。 启动双区功能后，遥控器仅在操作 DVD/CD 播放机时有效。
	“No Signal” 字样在显示器上出现。	- 切换播放源。 - 开始播放连接至 VIDEO IN 插孔的外接组件。 - 检查导线和连接。 - 信号输入太弱。
FM/AM	表示语言不改变。	关闭电源再次打开（参阅第 33 页）。
	SSM 自动预设功能失效。	手动储存电台。
	收听广播时有静电干扰。	将天线连接牢固。
碟片播放	不能播放碟片。	正确装入碟片。
	- 不能播放可录制 / 可再编辑碟片。 - 不能跳播可录制 / 可再编辑碟片上的曲目。	- 装入已格式化的碟片。 - 使用您用来录音的组件将碟片格式化。
	不能识别碟片。	强制弹出碟片（参阅第 2 页）。
	“No Disc” 字样在显示器上出现。	正确装入碟片。
	“Not Support” 字样在显示器上出现。	使用本机支持的文件格式（参阅第 4 页）。
	“Disc Error” 字样在显示器上出现。	- 正确装入碟片。 - 装入录制并已终结的碟片。
	“No Files” 字样在显示器上出现。	碟片中没有可以播放的文件。插入含有可播放文件的碟片。
	声音及图片有时中断或失真。	- 行驶在崎岖颠簸的道路上时，停止播放碟片。 - 检查导线和线路连接。
	无播放图片在显示屏上出现。	未正确连接手刹车线路。 参阅安装 / 连接手册。

	症状	措施 / 原因
碟片播放	无任何图片在外接显示器上出现。	- 正确连接视频导线。 - 在显示器上选择正确的输入。
	图片的边缘在画面上显示不全。	- 选择除“Zoom”之外的一个纵横比。（参阅第 33 页。） - 选择“4:3LB〔信箱屏幕〕”。（参阅第 34 页。）
	不能正确显示播放图片。	颜色制式（NTSC/PAL）不正确。正确设定颜色制式（参阅第 33 页）。
播放 MP3/WMA/WAV	碟片无法播放。	- 使用包含以适当格式录制的曲目的碟片。（参阅第 4 页）。 - 在文件名中加入增设码 <.mp3>，<.wma> 或 <.wav>。
	产生噪音。	跳至另一首曲目或切换碟片。（切勿在不同类型的文件上加入增设码 <.mp3>，<.wma> 或 <.wav>。）
	需要较长的读取时间。	切勿使用太多层级和文件夹。
	您想播放的曲目无法播放。	播放顺序在文件录制时已决定。
	已过播放时间不正确。	在播放过程中有时会发生此种情况。原因出自曲目如何录制在碟片上。
播放 JPEG/MPEG	无法播放碟片。	- 使用包含以适当格式录制的 JPEG/MPEG 文件的碟片。（参阅第 4 页）。 - 在文件名中加入增设码 <.jpg> 或 <.mpg>。
CD 换碟器	“No Disc” 字样在显示器上出现。	- 将碟片装入碟片仓中。 - 正确装入碟片。
	“No Magazine” 字样在显示器上出现。	置入碟片仓。
	“Reset08” 字样在显示器上出现。	正确连接本机与 CD 换碟器，并按 CD 换碟器上的复原设定键。
	“Reset01” – “Reset07” 字样在显示器上出现。	按 CD 换碟器上的复原设定键。
	CD 换碟器完全不工作。	重设本机（参阅第 2 页）。

症状	措施 / 原因
• iPod 或 D. 播放机不能起动或根本无法工作。	• 检查连接电缆及其连接。 • 更新 D. 播放机的固件版本。 • 更换 iPod/D. 播放机的电池。
• 声音失真。	启动本机或 iPod/D. 播放机上的均衡器。
• “Disconnect” 字样在显示屏上出现。	检查连接电缆及其连接。
• 在播放 iPod 过程中，播放停止。	耳机在播放过程中与 iPod 断开连接。重新开始播放操作。
• 当连接 iPod nano 时，没有声音传出。	将 iPod nano 上的耳机断开连接。
• 没有声音传出。 • 当连接 D. 播放机时，“Error 01” 字样在显示屏上出现。	将 D. 播放机上的适配器断开连接。然后，重新连接。
• “No Files” 或 “No Track” 字样在显示屏上出现。	未储存曲目。将曲目输入 iPod 或 D. 播放机。
• “Reset 1” – “Reset 7” 字样在显示屏上出现。	将本机和 iPod/D. 播放机上的适配器断开连接。然后，重新连接。
• “Reset 8” 字样在显示屏上出现。	检查适配器与本机的连接。
• 与本机断开连接后，iPod 或 D. 播放机控制键无法工作。	重置 iPod 或 D. 播放机。

- Microsoft 和 Windows Media 是美国和 / 或其他国家微软公司的注册商标或商标。
- iPod 是 Apple Computer, Inc. 在美国及其他国家注册的商标。

■ 音频放大器部分

最大功率输出：

前声道：每声道 50 W

后声道：每声道 50 W

连续功率输出（RMS）：

前声道：每声道 20 W，在 40 Hz 至 20 000 Hz 时驱动于 4 Ω ，总谐波失真不超过 0.8%。

后声道：每声道 20 W，在 40 Hz 至 20 000 Hz 时驱动于 4 Ω ，总谐波失真不超过 0.8%。

负载阻抗：4 Ω （4 Ω 至 8 Ω 容限）

均衡器控制范围：

频率：60 Hz, 150 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 15 kHz

水平： ± 10 dB

信噪比：70 dB

线路输入水平 / 阻抗：

1.5 V/20 k Ω 负载

线路输出水平 / 阻抗：

中心扬声器输出水平 / 阻抗：

重低音扬声器输出水平 / 阻抗：

2.5 V/20 k Ω 负载（满刻度）

颜色制式：NTSC/PAL

视频输入（复合）：1 V_{p-p}/75 Ω

视频输出（复合）：1 V_{p-p}/75 Ω

其他端子：

2nd AUDIO OUT，CD 换碟器

■ 调谐器部分

频率范围：

FM：87.5 MHz 至 108.0 MHz

AM：531 kHz 至 1 602 kHz

[FM 调谐器]

有效灵敏度：11.3 dBf (1.0 μ V/75 Ω)

50 dB 静噪灵敏度：

16.3 dBf (1.8 μ V/75 Ω)

交流声道选择性 (400 kHz)：65 dB

频率响应：40 Hz 至 15 000 Hz

立体声分隔频率：35 dB

接收比：1.5 dB

[AM 调谐器]

灵敏度：20 μ V

选择性：35 dB

■ DVD/CD 播放机部分

信号检测系统：无接合光学拾波（半导体辐射）

声道数：双声道（立体声）

频率响应：

DVD fs=48 kHz 16 Hz 至 22 000 Hz

fs=96 kHz 16 Hz 至 44 000 Hz

VCD, CD: 16 Hz 至 20 000 Hz

动态范围：93 dB

信噪比：95 dB

抖晃率：小到不可测量

MP3：最大比特率：320 kbps

WMA：最大比特率：320 kbps

■ 显示器部分

显示屏：3.5 英寸宽屏液晶面板

像素数：224 640 像素

驱动方式：

TFT（薄膜晶体管）主动型矩阵格式

颜色制式：NTSC/PAL

■ 一般资讯

电源要求：

操作电压：

直流 14.4 V（11 V 至 16 V 容限）

接地系统：负极接地

允许操作温度：

0°C 至 +40°C

体积（宽 × 高 × 深）：

安装尺寸（大约）：

182 mm × 52 mm × 160 mm

面板尺寸（大约）：

188 mm × 58 mm × 12 mm

重量（大约）：

1.9 kg（不包括附件）

设计和规格若有变更恕不另行通知。

Having TROUBLE with operation?

Please reset your unit

Refer to page of How to reset your unit

在操作时遇到麻烦了？

请重设本机

参阅如何重设本机之页

JVC



EN, CS

© 2006 Victor Company of Japan, Limited

0506MNMMDWJEIN

CONSTRUCTION OF A DIVERSE AND INCLUSIVE CURRICULUM