JVC

ENGLISH

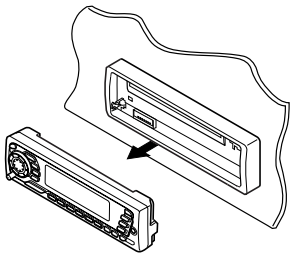
ESPAÑOL

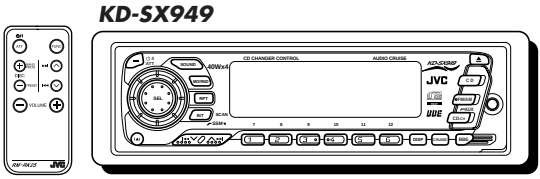
FRANÇAIS

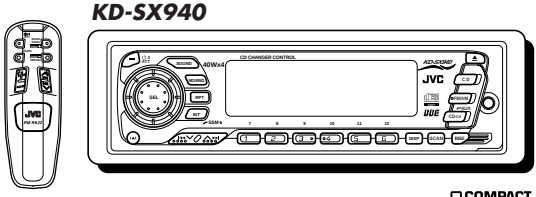
CD RECEIVER KD-SX949/KD-SX940

RECEPTOR CON CD KD-SX949/KD-SX940

RECEPTEUR CD KD-SX949/KD-SX940







BBE®

COMPACT disc DIGITAL AUDIO TEXT

For installation and connections, refer to the separate manual.
Para la instalación y las conexiones, refiérase al manual separado.
Pour l'installation et les raccordements, se référer au manuel séparé.

For customer Use:

Enter below the Model No. and Serial No. which are located on the top or bottom of the cabinet. Retain this information for future reference.

Model No.

Serial No.

INSTRUCTIONS

MANUAL DE INSTRUCCIONES

MANUEL D'INSTRUCTIONS

FSUN3070-632
[J]

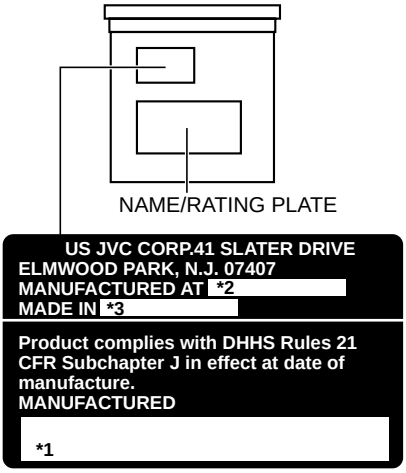
INFORMATION (For USA)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Identification and Certification labels

Bottom of the main unit



Notes:

**1 The date of manufacture.*
**2 The ID code of manufacturing plant.*
**3 Marking of country origin.*

IMPORTANT FOR LASER PRODUCTS (For USA only)

Precautions:

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user-serviceable parts inside. Leave all servicing to qualified service personnel.
4. **CAUTION:** This CD player uses invisible laser radiation, however, is equipped with safety switches to prevent radiation emission when unloading CDs. It is dangerous to defeat the safety switches.
5. **CAUTION:** Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

BEFORE USE

**** 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.

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.

ENGLISH

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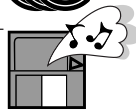

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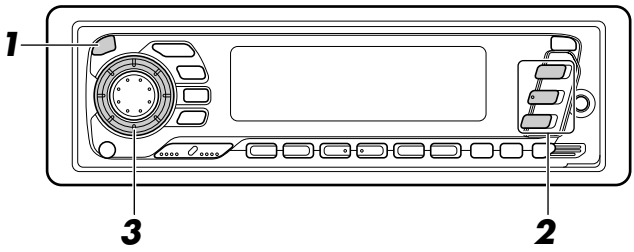


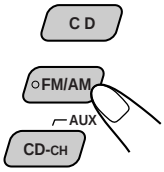
Note:
When you use this unit for the first time, set the built-in clock correctly, see page 20.

1

Turn on the power.

Note on One-Touch Operation:
When you select a source in step 2 below, the power automatically comes on. You do not have to press this button to turn on the power.

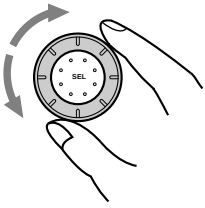
2



Select the source.

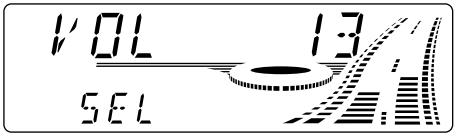
To operate the tuner, see pages 6 – 10.
To operate the CD player, see pages 11 – 15.
To operate the CD changer, see pages 31 – 33.
To operate the external component connected to the auxiliary input jack on the front panel, see page 34.

3



Adjust the volume.

Volume level appears.



4 Adjust the sound as you want (see pages 16 – 19).

To drop the volume in a moment

Press ⏻/ I /ATT briefly while listening to any source. "ATT" starts flashing on the display, and the volume level will drop in a moment.

To resume the previous volume level, press the button briefly again.

To turn off the power

Press ⏻/ I /ATT for more than 1 second.

CAUTION on Volume Setting
CDs produces very little noise compared with other sources. If the volume level is adjusted for the tuner, for example, the speakers may be damaged by the sudden increase in the output level. Therefore, lower the volume before playing a CD and adjust it as required during playback.

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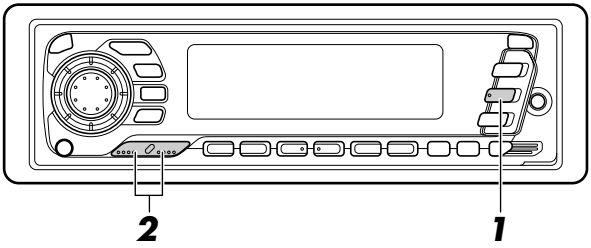
Listening to the radio

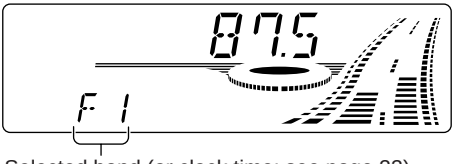


1

Select the band (FM1, FM2, FM3 or AM).

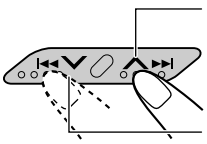
You can select any one of FM1, FM2, and FM3 to listen to an FM station.

→ **F1** → **F2** → **F3** → **AM**
(FM1) (FM2) (FM3)



Selected band (or clock time: see page 23) appears.

2



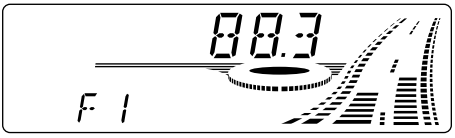
To search stations of higher frequencies.

To search stations of lower frequencies.

Start searching a station.

While searching stations, "SEEK" appears on the display.

When a station is received, searching stops.



To stop searching before a station is received, press the same button you have pressed for searching.

To tune in a particular frequency without searching

1 Press FM/AM repeatedly to select the band (FM or AM).

2 Press and hold ∧ ▶▶| or |◀◀ ∨ until "MANU (manual)" starts flashing on the display.
Now you can manually change the frequency while "MANU" is flashing.

3 Press ∧ ▶▶| or |◀◀ ∨ repeatedly until the frequency you want is reached.

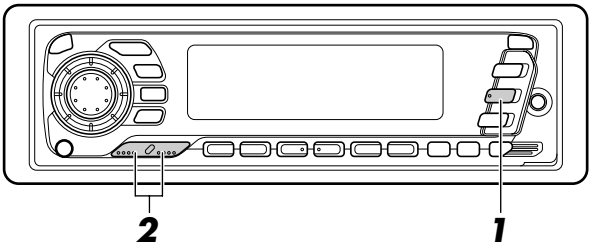
• If you hold down the button, the frequency keeps changing until you release the button.

Storing stations in memory

You can use one of the following two methods to store broadcasting stations in memory.
- Automatic preset of FM stations: SSM (Strong-station Sequential Memory)
- Manual preset of both FM and AM stations

FM station automatic preset: SSM

You can preset 6 local FM stations in each FM band (FM1, FM2 and FM3).

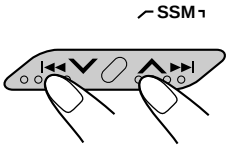


1

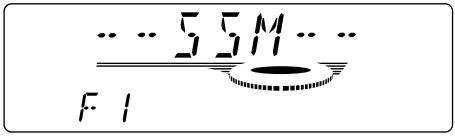
Select the FM band number (FM1, FM2 or FM3) you want to store FM stations into.

→ **F1** (FM1) → **F2** (FM2) → **F3** (FM3) → AM

2



Press and hold both buttons for more than 2 seconds.



"SSM" appears, then disappears when automatic preset is over.

Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2 or FM3). These stations are preset in the number buttons — No. 1 (lowest frequency) to No. 6 (highest frequency).
When automatic preset is over, the station stored in number button 1 will be automatically tuned in.

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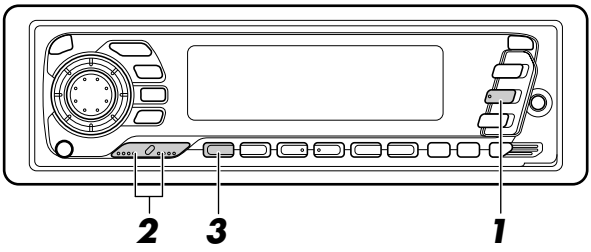
Manual preset

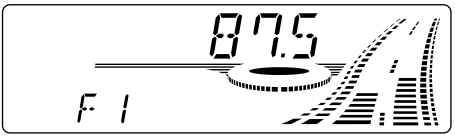
You can preset up to 6 stations in each band (FM1, FM2, FM3 and AM) manually.

EXAMPLE: Storing an FM station of 88.3 MHz into the preset number 1 of the FM1 band

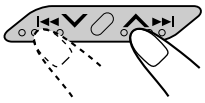


1

Select the FM1 band.

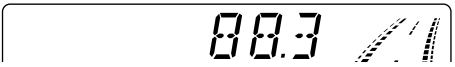


2

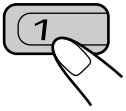


Tune into a station of 88.3 MHz.

See page 6 to tune into a station.

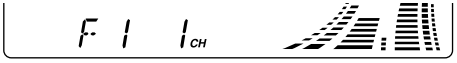


3



Press and hold the number button (in this example, 1) for more than 2 seconds.

Preset number and “MEMO” flashes alternately for a while.



4

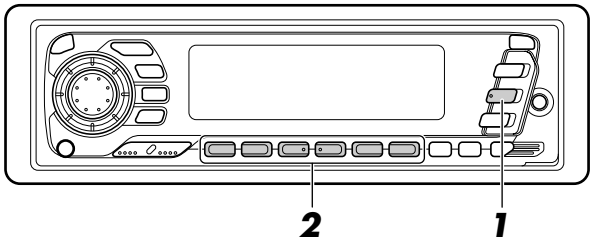
Repeat the above procedure to store other stations into other preset numbers.

Notes:

- *A previously preset station is erased when a new station is stored in the same preset number.*
- *Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.*

Tuning into a preset station

You can easily tune into a preset station.
Remember that you must store stations first. If you have not stored them yet, see pages 7 and 8.

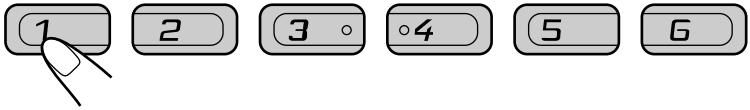


1

Select the band (FM1, FM2, FM3 or AM) you want.

→ F1 → F2 → F3 → AM
(FM1) (FM2) (FM3)

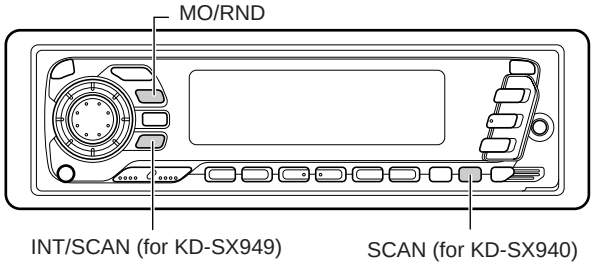
2



Select the number (1 – 6) for the preset station you want.

ENGLISH

Other convenient tuner functions



Scanning broadcast stations

When you press INT/SCAN (Intro/Scan for KD-SX949) or SCAN (Scan for KD-SX940) while listening to the radio, station scanning starts. Each time a broadcast is tuned in, scanning stops for about 5 seconds ("SCAN" flashes on the display), and you can check what program is now being broadcast.

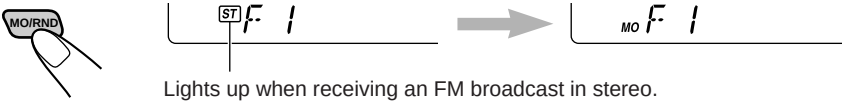
If you want to listen to that program, press the same button again to stop scanning.

Selecting FM reception sound

When an FM stereo broadcast is hard to receive:

Press MO/RND (Mono/Random) while listening to an FM stereo broadcast. The MO (Mono) indicator lights up on the display.

The sound you hear becomes monaural but reception will be improved.

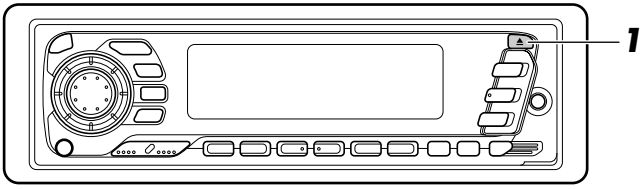


Lights up when receiving an FM broadcast in stereo.

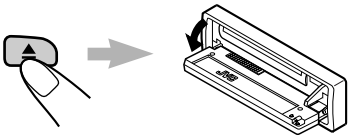
To restore the stereo effect, press the same button again.

When using this unit in an area other than North or South America:
You need to change the AM/FM channel intervals. See "Changing the AM/FM channel intervals" on page 25.

Playing a CD

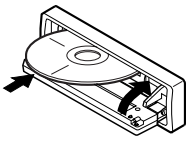


1



Open the control panel.

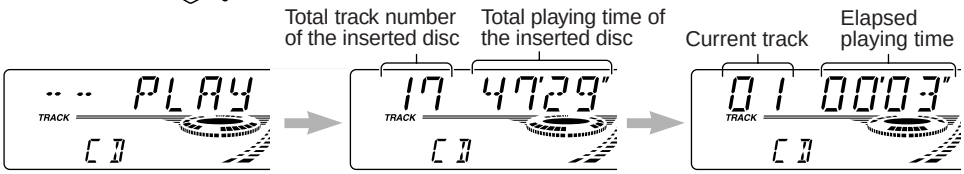
2



1. Insert a disc into the loading slot.

   The unit turns on, draws a CD and starts playback automatically.

2. Close the control panel by hand.



Notes:

- *When a CD is inserted up side down, "PLEASE EJECT" appears on the display. When you open the control panel by pressing ⏏, the CD automatically ejects.*
- *When you play a CD Text, the disc title and performer appear on the display. Then the current track and elapsed playing time appears on the display. See also "Playing a CD Text" (page 15) and "Selecting the scroll mode" (page 24).*
  If a CD Text includes much text information, some may not appear on the display.

> **Note on One-Touch Operation:**
> *When a CD is already in the loading slot, pressing CD turns on the unit and starts playback automatically.*

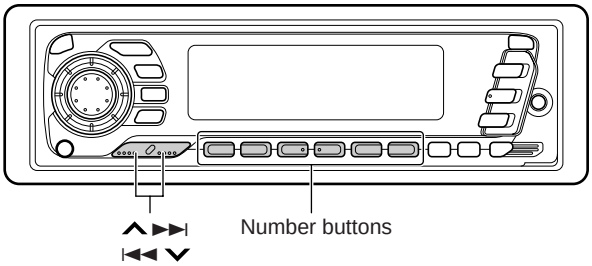
To stop play and eject the CD

Press ⏏.

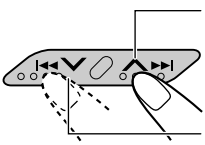
CD play stops, the control panel opens, then the CD automatically ejects from the loading slot. If you change the source to FM, AM, CD changer or external component, the CD play also stops (without ejecting the CD this time).

- *If the ejected disc is not removed for about 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust. (CD play will not start this time.)*
- *You can eject the CD even when the unit is turned off.*

Locating a track or a particular portion on a CD



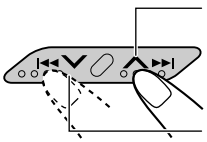
To fast forward or reverse the track



Press and hold ∧ ►►|, while playing a CD, to fast forward the track.

Press and hold |◄◄ ∨, while playing a CD, to reverse the track.

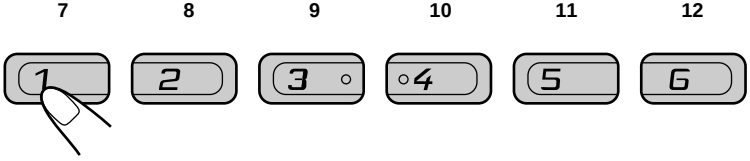
To go to the next track or the previous track



Press ∧ ►►| briefly, while playing a CD, to go ahead to the beginning of the next track. Each time you press the button consecutively, the beginning of the next track is located and played back.

Press |◄◄ ∨ briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous track is located and played back.

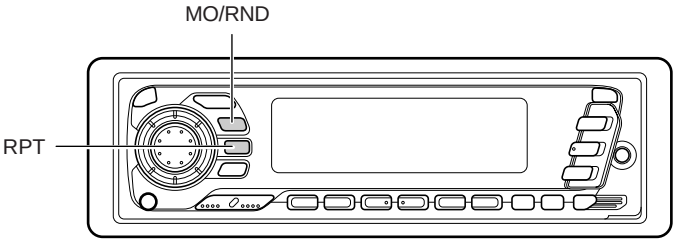
To go to a particular track directly



Press the number button corresponding to the track number to start its playback.

- To select a track number from 1 – 6:
  Press 1 (7) – 6 (12) briefly.
- To select a track number from 7 – 12:
  Press and hold 1 (7) – 6 (12) for more than 1 second.

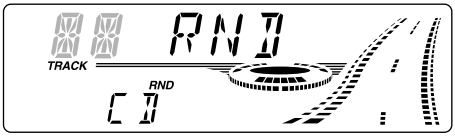
Selecting CD playback modes



To play back tracks at random (Random Play)

You can play back all tracks on the CD at random.

Each time you press MO/RND (Mono/Random) while playing a CD, CD random play mode turns on and off alternately.
When the random mode is turned on, the RND indicator lights up on the display and a track randomly selected starts playing.



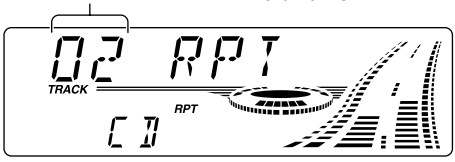
To play back tracks repeatedly (Repeat Play)

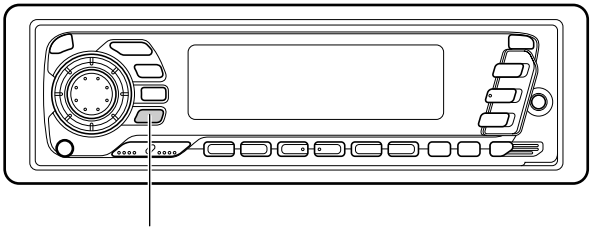
You can play back the current track repeatedly.

Each time you press RPT (Repeat) while playing a CD, CD repeat play mode turns on and off alternately.

When the repeat mode is turned on, the RPT indicator lights up on the display.

Track number of the currently playing track

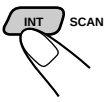




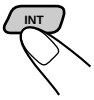
INT/SCAN (KD-SX949)
INT (KD-SX940)

To play back only intros (Intro Scan)

KD-SX949

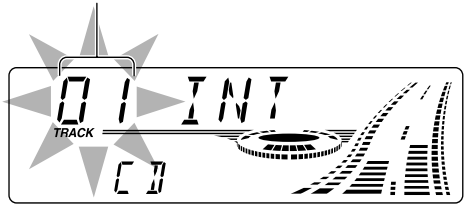


KD-SX940



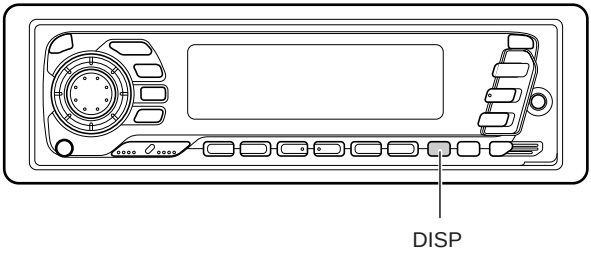
Each time you press INT/SCAN (Intro/Scan for KD-SX949) or INT (Intro for KD-SX940) briefly while playing a CD, CD intro scan mode turns on and off alternately.
When the intro scan mode is turned on, “INT” appears on the display for 5 seconds and the track number flashes. The first 15 seconds of each track are played sequentially.

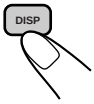
Track number of the currently playing track



Playing a CD Text

In a CD Text, some information about the disc (its disc title, performer and track title) is recorded. You can show these disc information on the display.





Select text display mode while playing a CD Text.

Each time you press the button, the display changes as follows:

Disc Title / Performer → **Track Title**

Current track and Elapsed playing time ←

Notes:

- *The display shows up to 8 characters at one time and scrolls if there are more than 8 characters. See also "Selecting the scroll mode" on page 24.*
  Some characters or symbols will not be shown (and be blanked) on the display.
  (Ex. "ABCå!d#" ⇨ "ABCA D ")
- *When you press DISP while playing a conventional CD, "NO NAME" appears for the disc tittle/ performer and the track title.*

Prohibiting CD ejection

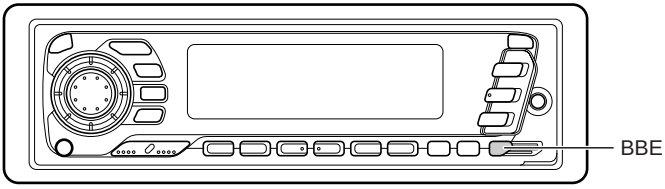
You can prohibit CD ejection and can lock a CD in the loading slot.

While pressing CD, press and hold ⏻/I/ATT for more than 2 seconds. "NO EJECT" flashes on the display for about 5 seconds, and the CD is locked and cannot be ejected.

To cancel the prohibition and unlock the CD, press ⏻/I/ATT again for more than 2 seconds, while pressing CD. "EJECT OK" flashes on the display for about 5 seconds, and the CD is unlocked.

Turning on/off the BBE function

The BBE* function restores the brilliance and clarity of the original live sound in recording, broadcasts, etc.
When a speaker reproduces sound, it introduces frequency-dependent phase shifting, causing high-frequency sounds to take longer to reach the ear than low frequency sounds. The BBE function adjusts the phase relationship between the low, mid and high frequencies by adding a progressively longer delay time to the low and mid frequencies, so that all frequencies reach the listener's ears at the proper time.
In addition, the BBE function boosts low and high frequencies, which loudspeakers tend to be less efficient in reproducing, through dynamic, program-driven augmentation. When combined with the phase compensation feature, the resulting sound has a clearer, more finely detailed "live" presence.

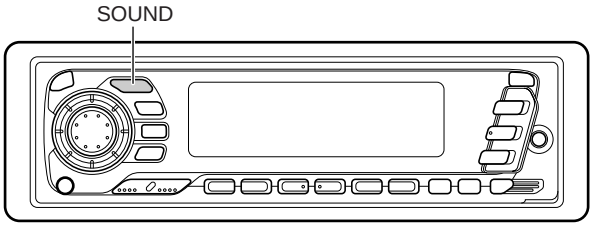


Each time you press BBE, the BBE function turns on and off alternately.

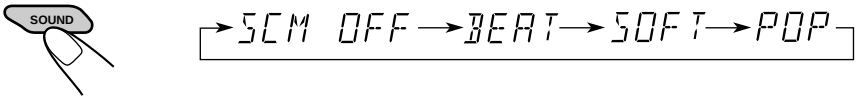
*** Under license from BBE Sound, Inc.**
***BBE* is a trademark of BBE Sound, Inc.**

Selecting preset sound modes

You can select a preset sound adjustment suitable to the music genre.



Each time you press SOUND, the sound control mode (SCM) changes as follows.



Indication	For:	Preset values		
		Bass	Treble	BBE
SCM OFF	(Flat sound)	00	00	On
BEAT	Rock or disco music	+02	00	On
SOFT	Quiet background music	+01	–03	Off
POP	Light music	+04	+01	Off

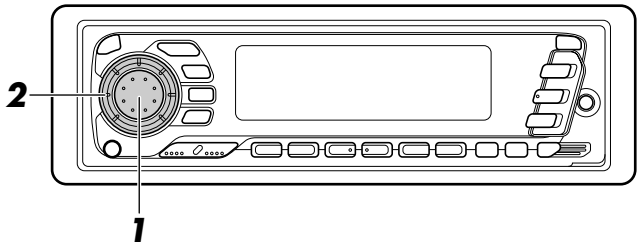
Notes:

- *You can adjust the preset sound control mode to your preference, and store in memory. If you want to adjust and store your original sound control mode, see "Storing your own sound adjustments" on page 19.*
- *To adjust only the bass and treble reinforcement levels to your preference, see "Adjusting the sound" on page 18.*

ENGLISH

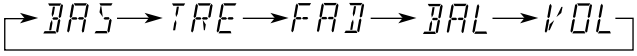
Adjusting the sound

You can adjust the sound characteristics to your preference.



1

Select the item you want to adjust.

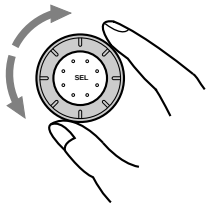


Indication	To do:	Range
BAS (Bass)	Adjust the bass	–06 (min.) — +06 (max.)
TRE (Treble)	Adjust the treble	–06 (min.) — +06 (max.)
FAD (Fader)*	Adjust the front and rear speaker balance	R06 (rear only) — F06 (front only)
BAL (Balance)	Adjust the left and right speaker balance	L06 (left only) — R06 (right only)
VOL (Volume)	Adjust the volume	00 (min.) — 50 (max.)

Note:

* *If you are using a two-speaker system, set the fader level to "00."*

2



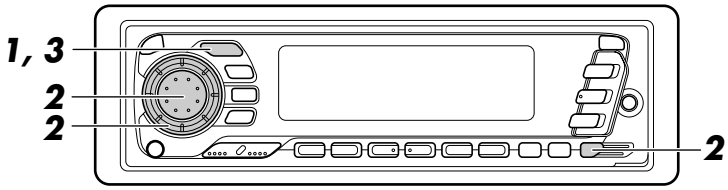
Adjust the level.

Note:

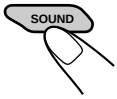
Normally the control dial works as the volume control. So you do not have to select "VOL" to adjust the volume level.

Storing your own sound adjustments

You can adjust the sound control modes (BEAT, SOFT, POP: see page 17) to your preference and store your own adjustments in memory.



1

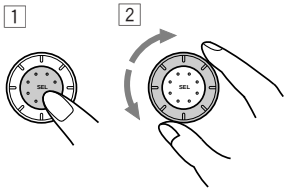


Call up the sound control mode you want to adjust.

See page 17 for details.

Within 5 seconds

2



To adjust the bass or treble level

1 Select “BAS” or “TRE.”

Within 5 seconds

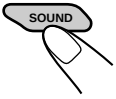
2 Adjust the bass or treble level.

To turn on or off the BBE function

See page 16.

Within 5 seconds

3



Press and hold SOUND until the sound control mode you selected flashes on the display.

Your setting is stored in memory.

4

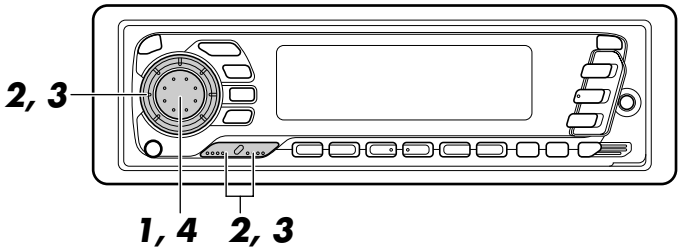
Repeat the same procedure to store other settings.

To reset to the factory settings

Repeat the same procedure and reassign the preset values listed in the table on page 17.

ENGLISH

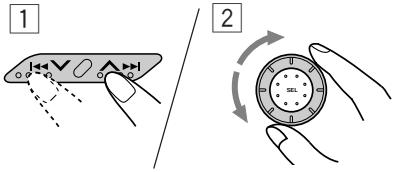
Setting the clock



1

Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.

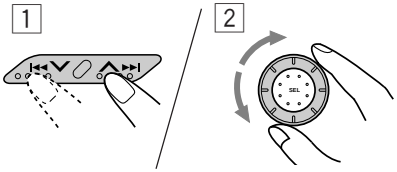
2



Set the hour.

1 Select “CLOCK H (Hour)” if not shown on the display.
2 Adjust the hour.

3



Set the minute.

1 Select “CLOCK M (Minute).”
2 Adjust the minute.

4

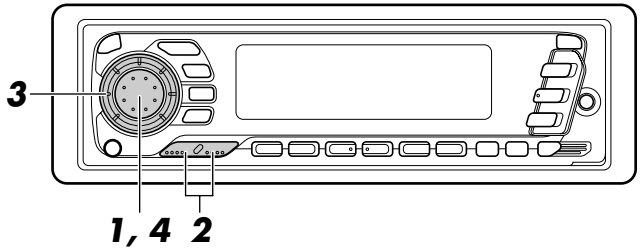
Start the clock.

To check the current clock time while the unit is turned off, press DISP.
The power turns on, the clock time is shown for 5 seconds, then the power turns off.

Changing the general settings (PSM)

You can change the items listed on the next page by using the PSM (Preferred Setting Mode) control.

Basic Procedure



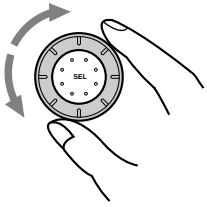
1

Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.

2

Select the PSM item you want to adjust. (See page 22.)

3

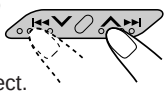
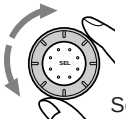


Select or adjust the PSM item selected above.

4

Finish setting.

ENGLISH

1 2  Select.		3  Set.		Factory-preset settings	See page
CLOCK H	Hour adjustment	Back	Advance	1:00	20
CLOCK M	Minute adjustment	Back	Advance		
CLOCK	Clock display	OFF	ON	ON	23
LEVEL	Level display	OFF	AUDIO	AUDIO	23
DIMMER	Dimmer	AUTO ↔ OFF ↳ ON ↵		AUTO	23
BEEP *	Key-touch tone	OFF	ON	ON	24
SCROLL	Name display	ONCE ↔ AUTO ↳ OFF ↵		ONCE	24
AUX	Auxiliary component	EXTRA ↔ TV ↔ VIDEO ↳TAPE ↔ MD ↵		EXTRA	25
AREA	Channel interval	AREA US	AREA EU	AREA US	25

**** ONLY FOR KD-SX949***

- Press SEL (Select) when the setting is complete.

Selecting the clock display

You can select either the clock or the source name to be shown on the lower part of the display. When shipped from the factory, the clock is selected.

- ON: Clock
- OFF: Source name (or station band)

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. Select "CLOCK" with ∧ ►►I or I◄◄ ∨.
3. Select the desired mode with the control dial.
   The clock display mode alternates between on and off.

ON ↔ OFF

To check the other information during play

Press DISP (Display). Each time you press the button, the other information (either the clock or the source name) will be shown on the lower part of the display for a while.

Selecting the level display

You can select the level display according to your preference. When shipped from the factory, the level indicator on the display shows the audio level.

- AUDIO: Audio level indicator
- OFF: Volume level indicator

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. Select "LEVEL" with ∧ ►►I or I◄◄ ∨.
3. Select the desired mode with the control dial.
   The level display setting alternates between AUDIO and OFF.

AUDIO ↔ OFF

Selecting the dimmer mode

When you turn on the car head lights, the display automatically dims (Auto Dimmer).
When shipped from the factory, Auto Dimmer mode is activated.

- AUTO: Activates Auto Dimmer
- OFF: Cancels Auto Dimmer
- ON: Always dims the display

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. Select "DIMMER" with ∧ ►►I or I◄◄ ∨.
3. Select the desired mode with the control dial.
   The dimmer mode changes as follows:

→ AUTO ↔ OFF ↔ ON ←

Note on Auto Dimmer:

Auto Dimmer equipped with this unit may not work correctly on some vehicles, particularly on those having a control dial for dimming.
In this case, set the dimmer mode to "ON" or "OFF".

Turning on/off the key-touch tone (ONLY FOR KD-SX949)

You can deactivate the key-touch tone if you do not want to make it beep when you press a button. When shipped from the factory, the key-touch tone is activated.

- ON: Activates the key-touch tone.
- OFF: Deactivates the key-touch tone.

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. Select "BEEP" with ∧ ►►I or I◄◄ ∨.
3. Select the desired mode with the control dial.
   The key-touch tone alternates between on and off.

ON ↔ OFF

Selecting the scroll mode

You can select the scroll mode for the name display and disc information if it consists of more than 8 characters. When shipped from the factory, Auto Scroll mode is set to "ONCE."

- ONCE: Scrolls only once
- AUTO: Repeats the scroll (5-second intervals in between)
- OFF: Cancels Auto Scroll

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. Select "SCROLL" with ∧ ►►I or I◄◄ ∨.
3. Select the desired mode with the control dial.
   The scroll mode changes as follows:

→ ONCE ↔ AUTO ↔ OFF ←

Note:

Even if the scroll mode is set to "OFF," you can scroll the display by pressing DISP for more than 1 second.

Setting the name of the external component

You can select the name of the external component which will be shown on the upper part of the display when you press CD-CH/AUX. When shipped from the factory, the name of the external component is set to “EXTRA.”

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. Select “AUX (auxiliary)” with ^ ►►I or I◄◄ v.
3. Select the desired source name with the control dial.
   The source name to be shown on the upper part of the display changes as follows:

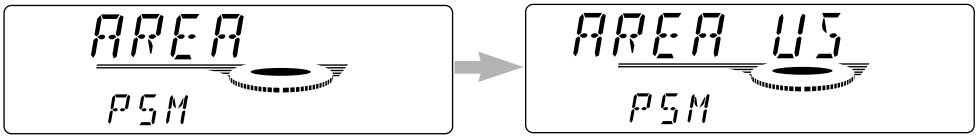
EXTRA ↔ TV ↔ VIDEO ↔ MD ↔ TAPE

Changing the AM/FM channel intervals

When this unit is shipped from the factory, the channel intervals are set to 10 kHz for AM and 200 kHz for FM (AREA US settings).
You will have to change the channel intervals when using this unit in an area other than North America and South America.

- **AREA EU**: Select this when using this unit in an area other than North and South America. (9 kHz for AM and 50 kHz (for manual tuning) / 100 kHz (for searching) for FM)
- **AREA US**: Select this when using this unit in North or South America. (10 kHz for AM and 200 kHz for FM)

1. Press and hold SEL (Select) for more than 2 seconds so that one of the PSM items appears on the display.
2. If “AREA” does not appear, press ^ ►►I or I◄◄ v until it appears.

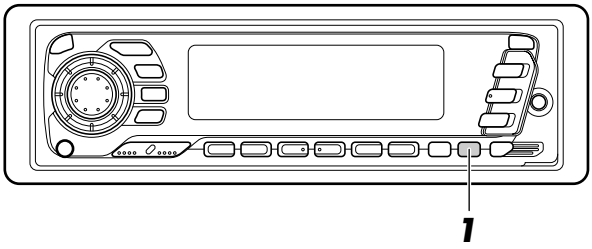


3. Turn the control dial clockwise or counterclockwise to select the correct channel intervals.

ENGLISH

Controlling the volume automatically

This function is ONLY FOR KD-SX949.
This unit changes the volume level automatically (at 3 possible levels) based on the driving speed of your car by detecting the alternator's generating frequency (Audio Cruise).
If you want to use this function, follow the procedures below. (When shipped from the factory, this mode is set to "OFF.")



1

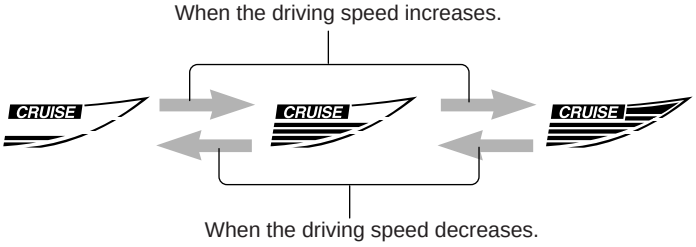
Select the proper cruise mode for your car.

- Each time you press the button, the Audio Cruise mode changes as follows.

CRUISE 1 → CRUISE 2 → OFF

- CRUISE 1: Select this if your car is relatively quiet.
- CRUISE 2: Select this if your car is relatively loud.
  The volume increase rate is twice as much as that of the CRUISE 1 setting.
- OFF: Cancels Audio Cruise.

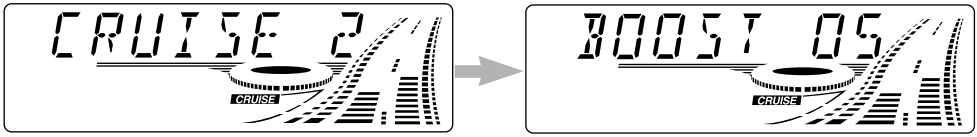
When this function is turned on (the CRUISE indicator lights up on the display), the proper volume level is automatically selected among the 3 possible levels according to the driving speed, and the selected level is shown on the display.



To adjust the volume increase rate

If you find Audio Cruise increase (or decrease) the volume either too much or too little as the driving speed changes. You can adjust the increase rate by changing the boost level.
To change it, follow the procedure below.

1. Press CRUISE to select either “CRUISE 1” or “CRUISE 2.”
2. Press and hold CRUISE until the maximum boost level appears on the display.



Ex. When you have selected “CRUISE 2”

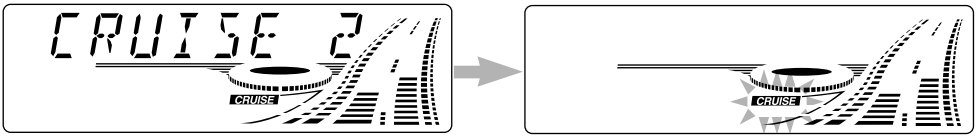
3. Turn the control dial, while the maximum boost level is shown on the display, to change the boost level (among 01 to 15) as you want.
   - To increase the volume increase rate, turn it clockwise.
   - To decrease the volume increase rate, turn it counterclockwise.

If Audio Cruise does not function correctly

You may need to store the idling speed into memory to make Audio Cruise function correctly.

NOTICE that a number of factors, such as electric power steering, wipers, power windows, air conditioner, etc. do generate noises and, as a result, may cause Audio Cruise not to function correctly. If this is the main cause of malfunction, connect the memory backup lead (yellow lead) directly to the car battery to prevent these noises from affecting Audio Cruise.

1. Start the engine and let it warm up.
2. Press CRUISE to select either “CRUISE 1” or “CRUISE 2.”
3. Press and hold CRUISE and SEL for more than 2 seconds to store the idling speed into memory.



Ex. When you have selected “CRUISE 2”

When the setting is complete, the unit automatically checks to see if Audio Cruise functions correctly with this new idling setting. If it does not function correctly, Audio Cruise is canceled automatically and the idling setting becomes invalid.
- *If this happens, see the NOTICE above.*

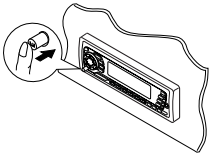
Detaching the control panel

You can detach the control panel when leaving the car.
When detaching or attaching the control panel, be careful not to damage the connectors on the back of the control panel and on the panel holder.

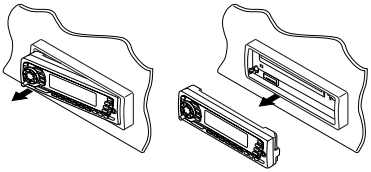
How to detach the control panel

Before detaching the control panel, be sure to turn off the power.

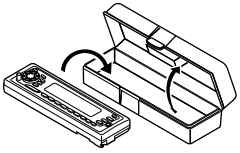
1 Unlock the control panel.



2 Pull the control panel out of the unit.

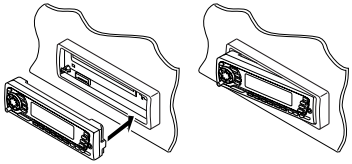


3 Put the detached control panel into the provided case.

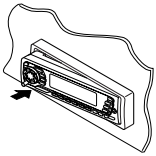


How to attach the control panel

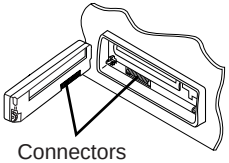
1 Insert the right side of the control panel into the groove on the panel holder.



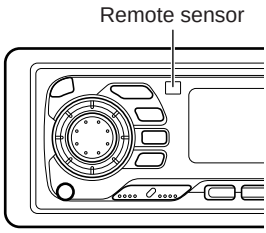
2 Press the left side of the control panel to fix it to the panel holder.



Note on cleaning the connectors:
If you frequently detach the control panel, the connectors will deteriorate.
To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.



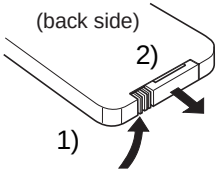
Before using the remote controller:
- Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.
- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).

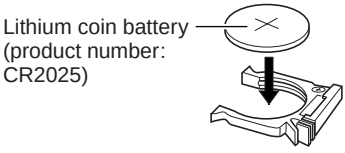


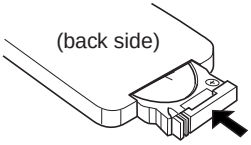
Installing the batteries

When the controllable range or effectiveness of the remote controller decreases, replace the batteries.

For KD-SX949:







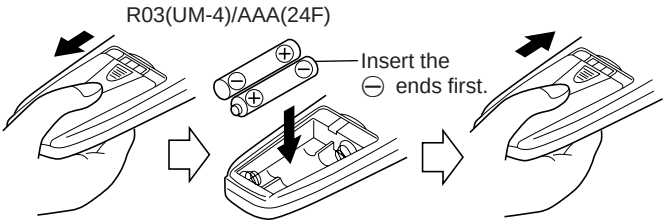
1. **Remove the battery case.**
   1) Push in the direction indicated by the arrow with your right hand thumbnail.
   2) Remove the battery case.

2. **Replace the battery.**
   Put the battery in the case with the + side facing upwards.

3. **Return the battery case.**
   Insert again the battery case pushing until you hear a clicking sound.

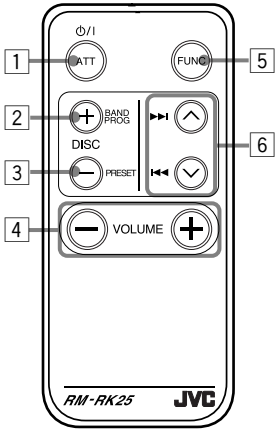
WARNING:
- *Store the batteries in a place which children cannot reach.*
  If a child accidentally swallows the battery, immediately consult a doctor.
- *Do not recharge, short, disassemble or heat the batteries or dispose of in a fire.*
  Doing any of these things may cause the batteries to give off heat, crack or start a fire.
- *Do not leave the batteries with other metallic materials.*
  Doing this may cause the batteries to give off heat, crack or start a fire.
- *When throwing away or saving the batteries, wrap in tape and insulate; otherwise, , it may cause the batteries to give off heat, crack or start a fire.*
- *Do not poke the batteries with tweezers or similar tools.*
  Doing this may cause the batteries to give off heat, crack or start a fire.

For KD-SX940:

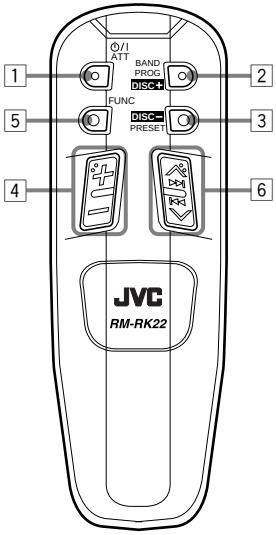


Using the remote controller

For KD-SX949



For KD-SX940



1 Functions the same as the ⏻/I/ATT button on the main unit.

2 • Functions as the BAND button while listening to the radio. Each time you press the button, the band changes.
• Functions as the DISC + button while listening to the CD changer.
Each time you press the button, the disc number increases, and the selected disc starts playing.
• Does not function as the PROG button.

3 • Functions as the PRESET button while listening to the radio.
Each time you press the button, the preset station number increases, and the selected station is tuned in.
• Functions as the DISC – button while listening to the CD changer.
Each time you press the button, the disc number decreases, and the selected disc starts playing.

4 Functions the same as the control dial on the main unit.
Note: *This button does not function for the preferred setting mode adjustment.*

5 Select the source.
Each time you press FUNC (function), the source changes.

6 • Searches stations while listening to the radio.
• Fast forwards or reverses the track if pressed and held while listening to a CD.
• Skips to the beginning of the next tracks or goes back to the beginning of the current (or previous tracks) if pressed briefly while listening to a CD.

CD CHANGER OPERATIONS

ENGLISH

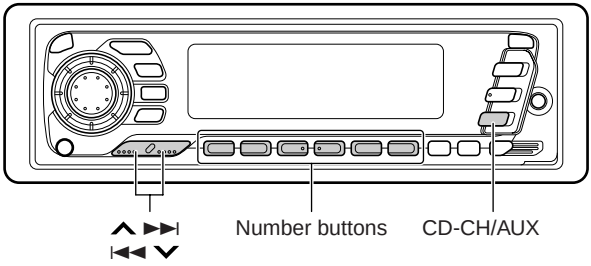
We recommend that you use one of the CH-X series (ex: CH-X1200) with your unit.
If you have another CD automatic changer, consult your JVC car audio dealer for connections.

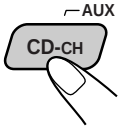
- *For example, if your CD automatic changer is one of the KD-MK series, you need a cord (KS-U15K) for connecting it to this unit.*

Before operating your CD automatic changer:

- Refer also to the Instructions supplied with your CD changer.
- If no discs are in the magazine of the CD changer or the discs are inserted upside down, "NO DISC" will appear on the display. If this happens, remove the magazine and set the discs correctly.
- If "RESET 1 - RESET 8" appears on the display, something is wrong with the connection between this unit and the CD changer. If this happens, check the connection, connect the connecting cord(s) firmly if necessary, then press the reset button of the CD changer.

Playing CDs



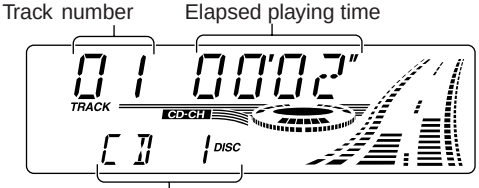


Select the CD automatic changer.

Each time you press the button, you can select the CD automatic changer and the external component alternately.

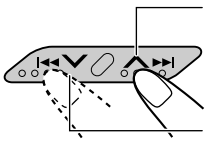
CD-CH ⟷ AUX

Playback starts from the first track of the first disc.
All tracks of all discs are played back.



Note on One-Touch Operation:
When you press CD-CH/AUX, the power automatically comes on. You do not have to press ⏻/I/ATT *to turn on the power.*

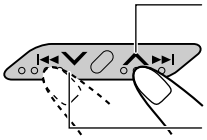
To fast forward or reverse the track



Press and hold ∧ ►►I, while playing a CD, to fast forward the track.

Press and hold I◄◄ ∨, while playing a CD, to reverse the track.

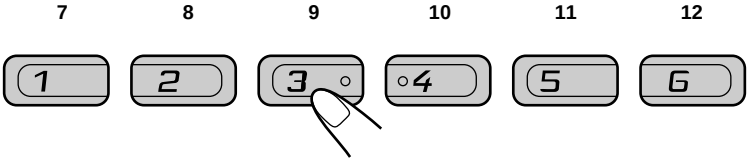
To go to the next track or the previous track



Press ∧ ►►I briefly, while playing a CD, to go ahead to the beginning of the next track. Each time you press the button consecutively, the beginning of the next track is located and played back.

Press I◄◄ ∨ briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous track is located and played back.

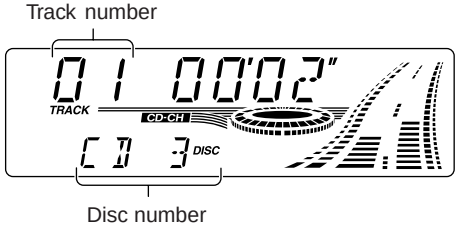
To go to a particular disc directly



Press the number button corresponding to the disc number to start its playback (while the CD changer is playing).

- To select a disc number from 1 – 6:
  Press 1 (7) – 6 (12) briefly.
- To select a disc number from 7 – 12:
  Press and hold 1 (7) – 6 (12) for more than 1 second.

Ex. When disc number 3 is selected



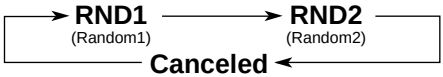
To show the CD Text information

See “Playing a CD Text” on page 15.

Selecting CD playback modes

To play back tracks at random (Random Play)

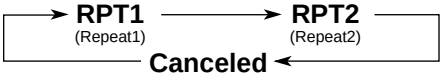
Each time you press MO/RND (Mono/Random) while playing a CD, CD random play mode changes as follows:



Mode	RND Indicator	Plays at random
RND1	Lights	All tracks of the current disc, then the tracks of the next disc, and so on.
RND2	Flashes	All tracks of all discs inserted in the magazine.

To play back tracks repeatedly (Repeat Play)

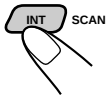
Each time you press RPT (Repeat), while playing a CD, CD repeat play mode changes as follows:



Mode	RPT Indicator	Plays repeatedly
RPT1	Lights	The current track (or specified track).
RPT2	Flashes	All tracks of the current disc (or specified disc).

To play back only intros (Intro Scan)

KD-SX949



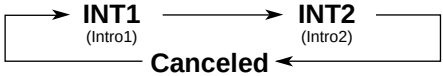
KD-SX949

Each time you press INT/SCAN (Intro/Scan) briefly while playing a CD, CD intro scan mode changes as follows:

KD-SX940

KD-SX940

Each time you press INT (Intro) briefly while playing a CD, CD intro scan mode changes as follows:

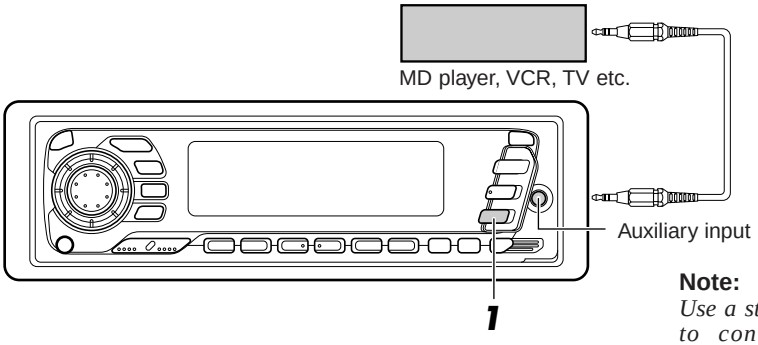


Mode	Indication	Plays the beginnings (15 seconds)
INT1	Track number flashes	Of all tracks on all inserted discs.
INT2	Disc number flashes	Of the first track on each inserted disc.

EXTERNAL COMPONENT OPERATIONS

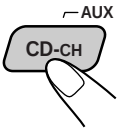
ENGLISH

After connecting an external component to the auxiliary input jack on the front panel, you can select the component as the sound source.



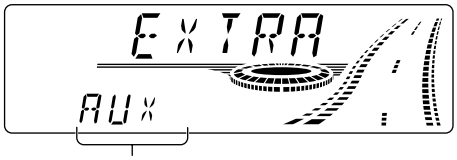
Note:
Use a stereo mini-plug cord to connect an external component to the unit.

1



Select the external component.

Each time you press the button, you can select the CD automatic changer and the external component alternately.



"AUX" (or clock time: see page 23) appears.

Note:
When selecting an external component as the source, what appears on the upper part of the display depends on the "AUX" setting (see page 25).

Note on One-Touch Operation:
When you press CD-CH/AUX, the power automatically comes on. You do not have to press ⏻/I/ATT *to turn on the power.*

2

Operate the external component.

- Refer to the instructions supplied with your external component.

Handling CDs

This unit has been designed only to reproduce the CDs bearing the COMPACT disc DIGITAL AUDIO and COMPACT disc DIGITAL AUDIO TEXT marks.

Other discs cannot be played back.

How to handle CDs

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

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

Center holder

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

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

To keep CDs clean

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

To play new CDs

New CDs may have some rough spots around the inner and outer edges. If such a CD is used, this unit may reject the CD.

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

Moisture condensation

Moisture may condense on the lens inside the 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 CD player may malfunction. In this case, eject the CD and leave the unit turned on for a few hours until the moisture evaporates.

CAUTIONS:

- *Do not insert 8cm (3 3/16") CDs (single CDs) into the loading slot. (Such CDs cannot be ejected.)*
- *Do not insert any CD of unusual shape – like a heart or flower; otherwise, it will cause a malfunction.*
- *Do not expose CDs to direct sunlight or any heat source or place them in a place subject to high temperature and humidity. Do not leave them in a car.*
- *Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean CDs.*

About mistracking:

Mistracking may result from driving on extremely rough roads. This does not damage the unit and the CD, but will be annoying.

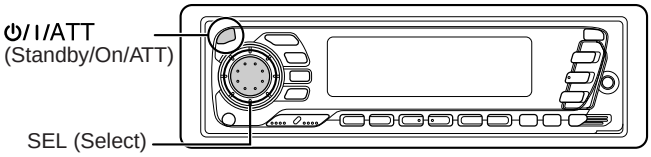
We recommend that you stop CD play while driving on such rough roads.

How to Reset your unit

Press and hold both the SEL (Select) and ⏻/I/ATT (Standby/On/ATT) buttons at the same time for several seconds.

This will reset the built-in microcomputer.

NOTE: Your preset adjustments — such as preset channels or sound adjustments — will also be erased.



TROUBLESHOOTING

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

Symptoms	Causes	Remedies
• CD cannot be played back.	CD is inserted upside down.	Insert the CD correctly.
• CD sound is sometimes interrupted.	You are driving on rough roads.	Stop CD play while driving on rough roads.
	CD is scratched.	Change the CD.
	Connections are incorrect.	Check the cords and connections.
• Sound cannot be heard from the speakers.	The volume is set to the minimum level.	Adjust it to the optimum level.
	Connections are incorrect.	Check the cords and connections.
• SSM (Strong-station Sequential Memory) automatic preset does not work.	Signals are too weak.	Store stations manually.
• Static noise while listening to the radio.	The antenna is not connected firmly.	Connect the antenna firmly.
• “NO DISC” appears on the display.	No CD is in the loading slot (or in the magazine).	Insert CD.
	CD is inserted incorrectly.	Insert it correctly.
• “RESET 8” appears on the display.	This unit is not connected to a CD changer correctly.	Connect this unit and the CD changer correctly and press the reset button of the CD changer.
• “RESET 1-RESET 7” appears on the display.	———	Press the reset button of the CD changer.
• CD can be neither played back nor ejected.	The CD player may function incorrectly.	Press CD and SEL at the same time for more than 2 seconds. (“PLEASE EJECT” appears on the display.) When you open the control panel by pressing ⏏, be careful not to drop CD when it is ejected.
• This unit does not work at all. • The CD changer does not work at all.	The built-in microcomputer may function incorrectly due to noise, etc.	Press ⏻/I/ATT and SEL at the same time for more than 2 seconds to reset the unit. (The clock setting and preset stations stored in memory are erased.) (See page 35.)

SPECIFICATIONS

AUDIO AMPLIFIER SECTION

Maximum Power Output:
- Front: 40 watts per channel
- Rear: 40 watts per channel

Continuous Power Output (RMS):
- Front: 16 watts per channel into 4 Ω, 40 to 20,000 Hz at no more than 0.8 % total harmonic distortion.
- Rear: 16 watts per channel into 4 Ω, 40 to 20,000 Hz at no more than 0.8 % total harmonic distortion.

Load Impedance: 4 Ω (4 to 8 Ω allowance)
Tone Control Range:
- Bass: ±10 dB at 100 Hz
- Treble: ±10 dB at 10 kHz

Frequency Response: 40 to 20,000 Hz
Signal-to-Noise Ratio: 70 dB
Line-Out Level/Impedance:
2.0 V/20 kΩ load (full scale)
Output Impedance: 1 kΩ
Input: AUX (3.5 mm dia. stereo mini jack)

TUNER SECTION

Frequency Range:
- FM: 87.5 to 107.9 MHz (with channel interval set to 200 kHz)
  87.5 to 108.0 MHz (with channel interval set to 50 kHz)
- AM: 530 to 1,710 kHz (with channel interval set to 10 kHz)
  531 to 1,602 kHz (with channel interval set to 9 kHz)

[FM Tuner]
Usable Sensitivity: 11.3 dBf (1.0 µV/75 Ω)
50 dB Quieting Sensitivity:
16.3 dBf (1.8 µV/75 Ω)
Alternate Channel Selectivity (400 kHz):
65 dB
Frequency Response: 40 to 15,000 Hz
Stereo Separation: 35 dB
Capture Ratio: 1.5 dB

[AM Tuner]
Sensitivity: 20 µV
Selectivity: 35 dB

CD PLAYER SECTION

Type: Compact disc player
Signal Detection System: Non-contact optical pickup (semiconductor laser)
Number of channels: 2 channels (stereo)
Frequency Response: 5 to 20,000 Hz
Dynamic Range: 96 dB
Signal-to-Noise Ratio: 98 dB
Wow and Flutter: Less than measurable limit

GENERAL

Power Requirement:
Operating Voltage: DC 14.4 volts (11 to 16 volts allowance)
Allowable Working Temperature:
0°C to +40°C (32°F to 104°F)
Grounding System: Negative ground
Dimensions (W x H x D):
Installation Size:
182 x 52 x 150 mm
(7-3/16" x 2-1/16" x 5-15/16")
Panel Size: 188 x 58 x 11 mm
(7-7/16" x 2-5/16" x 7/16")
Mass: 1.4 kg (3.1 lbs) (excluding accessories)

Design and specifications subject to change without notice.

If a kit is necessary for your car, consult your telephone directory for the nearest car audio speciality shop.

Having TROUBLE with operation?
Please reset your unit

Refer to page of How to Reset

Still having trouble??

USA ONLY

Call 1-800-252-5722

http://www.jvcservice.com

We can help you!

JVC
VICTOR COMPANY OF JAPAN, LIMITED