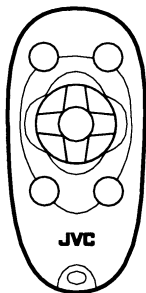
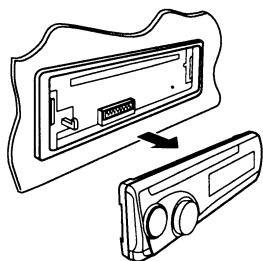


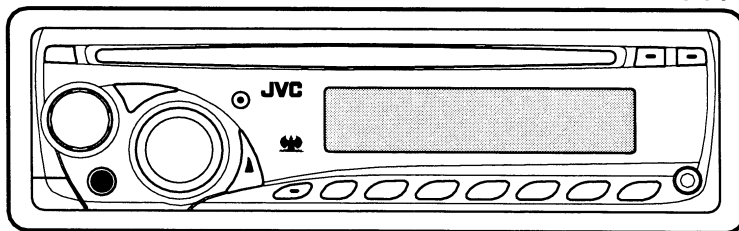


**CD RECEIVER**  
**RECEPTOR CON CD**  
**RÉCEPTEUR CD**

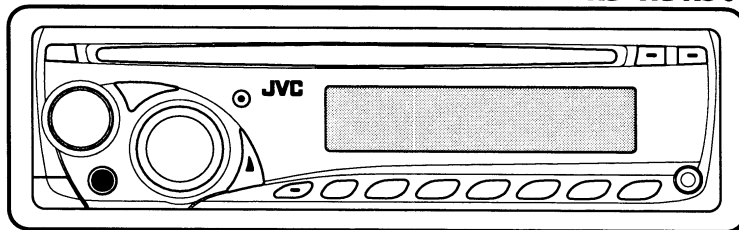
## KD-AHD39/KD-HDR30



**KD-AHD39**



**KD-HDR30**



Only for KD-AHD39

For canceling the display demonstration, see page 7.  
Para cancelar la demostración en pantalla, consulte la página 7.  
Pour annuler la démonstration des affichages, référez-vous à la page 7.

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.

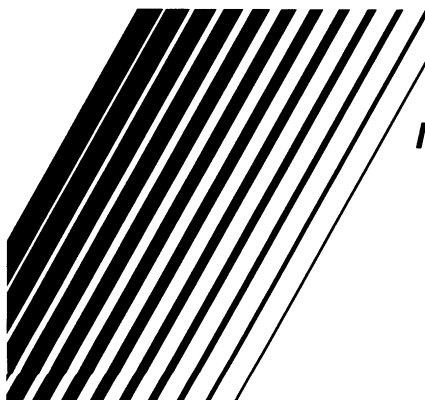
Model No. \_\_\_\_\_  
Serial No. \_\_\_\_\_

# INSTRUCTIONS

MANUAL DE INSTRUCCIONES  
MANUEL D'INSTRUCTIONS

LVT1775-001A

[J]



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.

**INFORMATION (For U.S.A.)**

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.

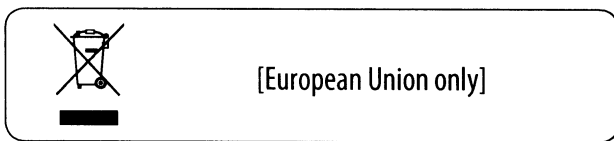
**Caution:**

Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

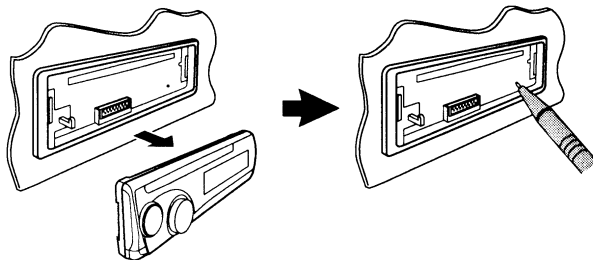
**IMPORTANT FOR LASER PRODUCTS**

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:** (For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam. (For Canada) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.

<p><b>CAUTION</b> VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)</p>	<p><b>ATTENTION</b> RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)</p>	<p><b>AVISO</b> RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)</p>	<p><b>VARNING</b> SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)</p>	<p><b>注意</b> ここを開くと可視 及び/または不可視 のクラス1M レーザー放射が 出ます。 光学装置で直接 見ないでください。 (JPN)</p>	<p><b>CAUTION</b> VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44603-003A</p>
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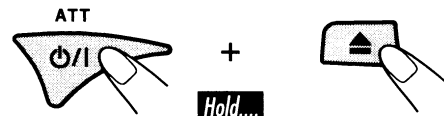


**How to reset your unit**



- Your preset adjustments will also be erased (except the registered Bluetooth device, see pages 19 and 20).

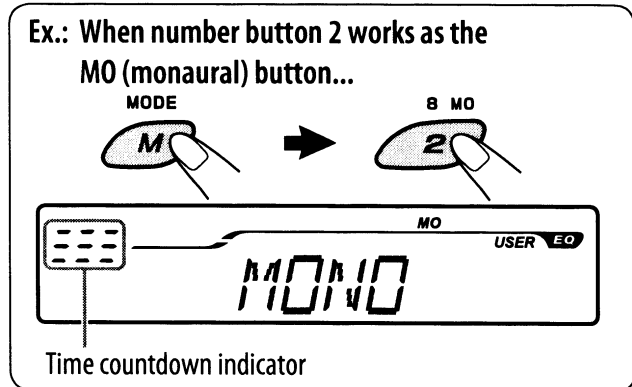
**How to forcibly eject a disc**



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

## How to use the M MODE button

If you press the M MODE button, the unit goes into functions mode, then the number buttons and ▲/▼ buttons work as different function buttons.



To use these buttons for their original functions again after pressing the M MODE button, wait for 5 seconds without pressing any of these buttons until the functions mode is cleared or press the M MODE button again.

## How to read this manual

- Button operations are mainly explained using the illustrations in the table below.
- Illustrations of KD-HDR30 are mainly used for explanation.
- Some related tips and notes are explained in "More about this unit" (see pages 31 – 33).

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

The following marks are used to indicate...

- : Built-in CD player operations.
- : External CD changer operations.
- : Indicator displayed for the corresponding operation.

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<b>Specifications</b> .....	<b>39</b>

### Warning:

If you need to operate the unit while driving, be sure to look around carefully or you may be involved in a traffic accident.

### For safety...

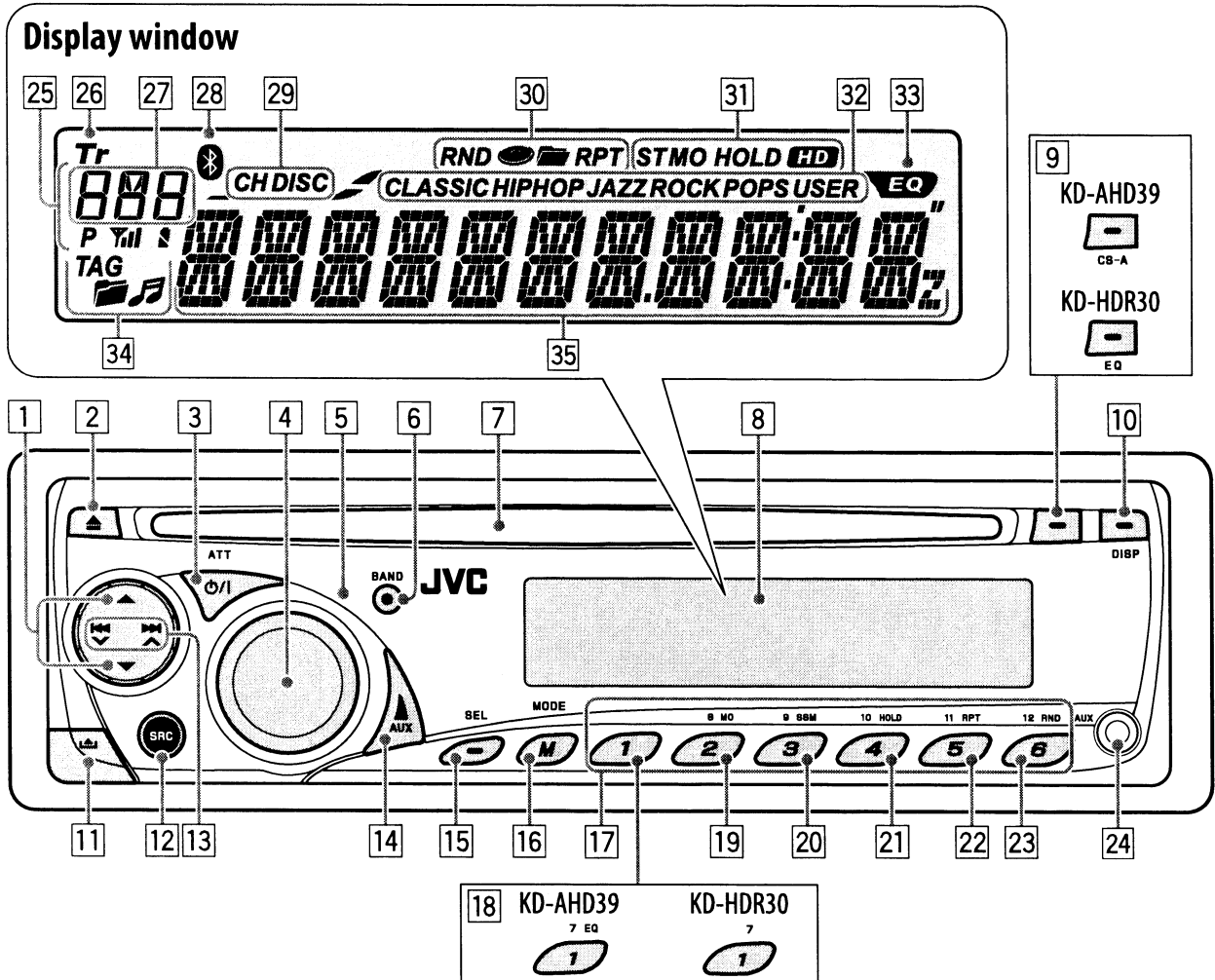
- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

### 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.

# Control panel



## Parts identification





- |  |  |
|--|--|
| <p>1 ▲ (up) / ▼ (down) buttons</p> <p>2 ▲ (eject) button</p> <p>3 ⏻/⏻ ATT (standby/on attenuator) button</p> <p>4 Control dial</p> <p>5 Remote sensor<br/>DO NOT expose the remote sensor to strong light (direct sunlight or artificial lighting).</p> <p>6 BAND button</p> <p>7 Loading slot</p> <p>8 Display window</p> <p>9 <b>KD-AHD39</b>: CS-A (SRS Circle Surround Auto™) button<br/><b>KD-HDR30</b>: EQ (equalizer) button</p> <p>10 DISP (display) button</p> <p>11 ▲ (control panel release) button</p> | <p>12 SRC (source) button</p> <p>13 ◀◀▶▶/▶▶▲ buttons</p> <p>14 AUX (auxiliary) button</p> <p>15 SEL (select) button</p> <p>16 M MODE button</p> <p>17 Number buttons</p> <p>18 <b>KD-AHD39</b>: EQ (equalizer) button<br/><b>KD-HDR30</b>: EQ (equalizer) button</p> <p>19 MO (monaural) button</p> <p>20 SSM (Strong-station Sequential Memory) button</p> <p>21 HOLD button</p> <p>22 RPT (repeat) button</p> <p>23 RND (random) button</p> <p>24 AUX (auxiliary) input jack</p> |
|--|--|



## Display window

- 25 Status of Bluetooth device  
(Device number, [1 – 5]; signal strength, [0 – 3]\*<sup>1</sup>;  
battery reminder, [0 – 3]\*<sup>1</sup>)
- 26 Tr (track) indicator
- 27 Sub-display
- 28 Bluetooth indicator  
Lights up when a Bluetooth device is connected.
- 29 Playback source indicators—  
CH: Lights up only when CD-CH is selected as the  
playback source.  
DISC: Lights up only when CD is selected as the  
playback source.
- 30 Playback mode / item indicators— RND (random), ,  (folder), RPT (repeat)

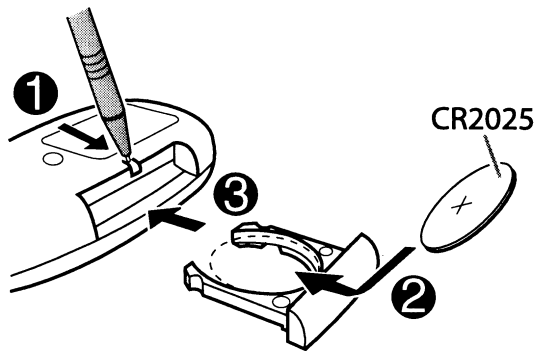
- 31 Tuner reception indicators—ST (stereo), MO  
(monaural), HOLD (reception hold), HD (HD Radio™  
broadcasting)
- 32 Sound mode (preset equalizer) indicators—CLASSIC,  
HIP HOP, JAZZ, ROCK, POPS, USER
- 33 EQ (equalizer) indicator
- 34 Information indicators—TAG,  (folder),  (track/  
file, CS II encoded HD Radio signal\*<sup>2</sup>)
- 35 Main display

\*<sup>1</sup> As the signal/battery becomes stronger, the number increases.

\*<sup>2</sup> KD-AHD39 only

## Remote controller — RM-RK50

### ■ Installing the lithium coin battery (CR2025)



If the range of effectiveness of the remote controller decreases, replace the battery.

#### For USA-California Only

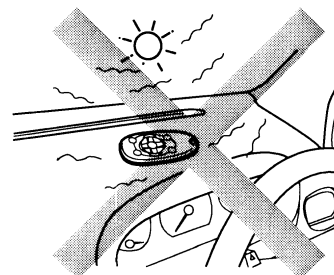
This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material—special handling may apply.  
See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)

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

#### Warning:

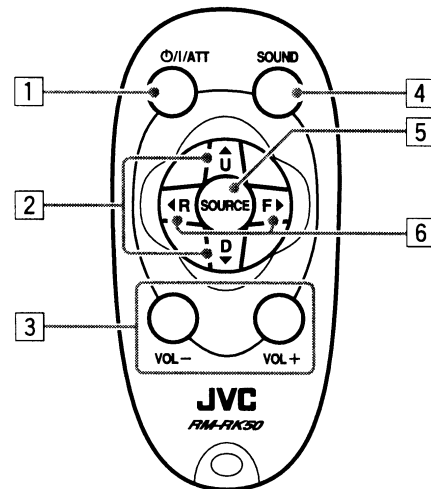
- Do not install any battery other than CR2025 or its equivalent; otherwise, it may explode.
- Store the battery in a place where children cannot reach to avoid risk of accident.
- To prevent the battery from over-heating, cracking, or starting a fire:
  - Do not recharge, short, disassemble, heat the 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.

#### Caution:



Continued on the next page

## Main elements and features



- 1** **⏻/I/ATT** (standby/on/attenuator) button
- Turns the power on if pressed briefly or attenuates the sound when the power is on.
  - Turns the power off if pressed and held.
- 2** **▲ U** (up) / **D (down) ▼** buttons
- Changes the FM/AM bands with **▲ U**.
  - Changes the preset stations with **D ▼**.
  - Changes the HD Radio multicast channel numbers if pressed and held.
  - Changes the folder of the MP3/WMA discs.
  - While playing an MP3 disc on an MP3-compatible CD changer:
    - Changes the disc if pressed briefly.
    - Changes the folder if pressed and held.
  - While listening to the satellite (SIRIUS or XM) radio:
    - Changes the categories.
  - While listening to an Apple iPod:
    - Pauses/stops or resumes playback with **D ▼**.
    - Enters the main menu with **▲ U**. (Now **▲ U** / **D ▼** / **◀ R** / **F ▶** work as the menu selection buttons.)\*
- 3** **VOL - / VOL +** buttons
- Adjusts the volume level.
- 4** **SOUND** button
- Selects the sound mode (EQ mode.)
- 5** **SOURCE** button
- Selects the source.
- 6** **◀ R (reverse) / F (forward) ▶** buttons
- Searches for stations if pressed briefly.
  - Searches for HD Radio stations if pressed and held.
  - Fast-forwards or reverses the track if pressed and held.
  - Changes the tracks if pressed briefly.
  - While listening to the satellite radio:
    - Changes the channels if pressed briefly.
    - Changes the channels rapidly if pressed and held.
  - While listening to an iPod (in menu selecting mode):
    - Selects an item if pressed briefly. (Then, press **D ▼** to confirm the selection.)
    - Skips 10 items at a time if pressed and held.
  - While listening to a Bluetooth audio player
    - Reverse skip/forward skip
- \* **▲ U** : Returns to the previous menu.  
**D ▼** : Confirms the selection.

**Only for KD-AHD39:**

The unit is equipped with the OE remote control (steering wheel remote control) function.

- See the Installation/Connection Manual (separate volume) for connection.

# Getting started

## Basic operations

**1** Turn on the power.



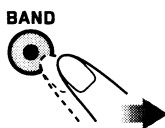
**2**



FM1/FM2/FM3/AM →  
SIRIUS1/SIRIUS2/SIRIUS3\* or  
XM1/XM2/XM3\* → CD\* →  
CD-CH\*/IPOD\* (or EXT INPUT) →  
BT-PHONE\* → BT-AUDIO\* →  
AUX IN → (Back to the beginning)

\* You cannot select these sources if they are not ready or not connected.

**3**



• For conventional FM/AM stations and HD Radio stations

→ FM1 → FM2 → FM3 → AM

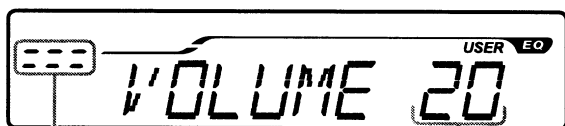
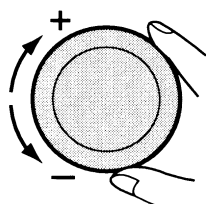
• For SIRIUS radio

→ SIRIUS1 → SIRIUS2 → SIRIUS3

• For XM radio

→ XM1 → XM2 → XM3

**4** Adjust the volume.



Volume level indicator

Volume level appears.

**5** Adjust the sound as you want. (See pages 14 – 16.)

To drop the volume in a moment (ATT)	ATT 
To restore the sound, press it again.	
To turn off the power	ATT 

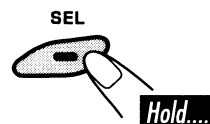
### Caution on volume setting:

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.

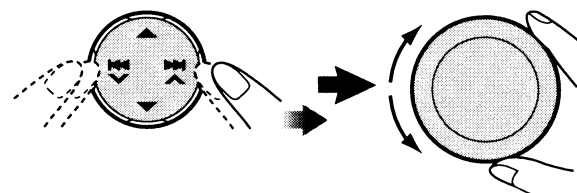
## Basic settings

• See also "General settings — PSM" on pages 17 and 18.

**1**



**2**



**1** Canceling the display demonstration

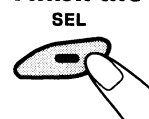
Select "DEMO," then "DEMO OFF."

**2** Setting the clock

Select "CLOCK HOUR," then adjust the hour.

Select "CLOCK MIN" (minute), then adjust the minute.

**3** Finish the procedure.



To check the current clock time during power off with "CLOCK DISP" deactivated



# Radio operations

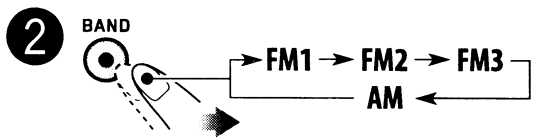
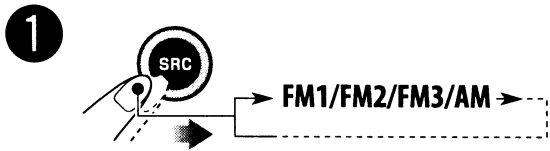
You can tune in to both conventional and HD Radio broadcasts.

- If you want to search for HD Radio stations only, see “To search for HD Radio stations only—HD Search” on page 9.

## What is HD Radio™ broadcasting?

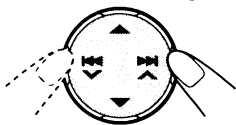
HD Radio stations can deliver high-quality digital sound—AM digital will have FM-like sound quality (in stereo) and FM digital will have CD-like sound quality—with static-free and clear reception. Furthermore, stations can offer text and data, such as artist names and song titles.

- HD Radio tuners can also tune in to conventional analog broadcasts.
- Many HD Radio stations offer more than one channel of programming. This service is called multicasting.
- To find HD Radio stations in your area, visit <<http://www.hdradio.com/>>.



The selected band appears on the sub-display.

### 3 Start searching for a station.

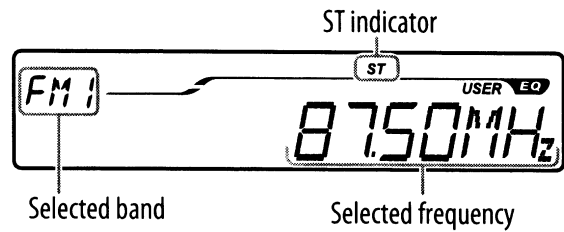


When a station is tuned in, searching stops.

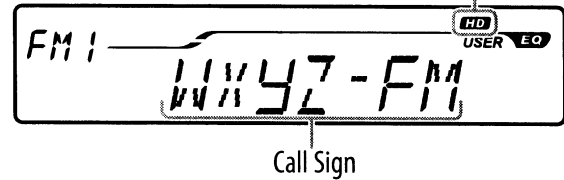
- The ST indicator lights up when the unit receives a stereo signal.
- Only for KD-AHD39:  
The indicator lights up when the unit receives an HD Radio signal encoded with CS II (SRS Circle Surround II™).

**When an HD Radio broadcast is tuned in...**  
Analog signals are received first for a few seconds before digital signals.

EX.: When a conventional FM broadcast is tuned in



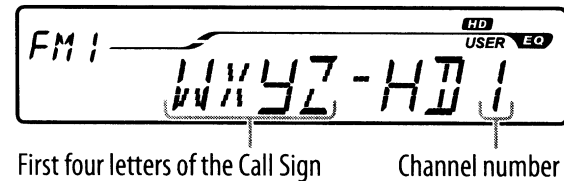
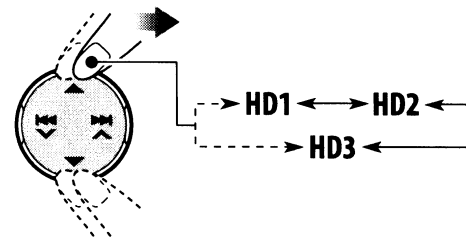
EX.: When an HD Radio broadcast is tuned in  
Flashes first then lights up when a digital audio broadcast is tuned in.



To stop searching, press the same button again.

## Only for HD Radio multicast channels

### 4 Select your desired channel.



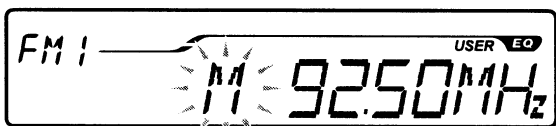
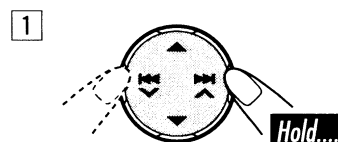
First four letters of the Call Sign

Channel number

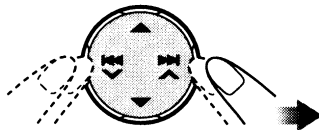
## To tune in to broadcasts manually— Manual Search

**Before starting Manual Search**, select “MANUAL” for “SEARCH MODE” (see page 18).

In step 3 on the left...



2 Select the desired station frequency.

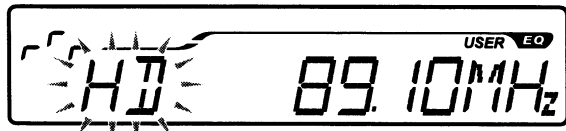


- When you press the M MODE button in step 3 on page 8, you can use HD Search (see below) temporarily by pressing the  $\leftarrow \leftarrow \nabla / \triangleright \triangleright \rightarrow$  buttons even though "MANUAL" is selected for "SEARCH MODE."

**To search for HD Radio stations only—HD Search**

Before starting HD Search, select "HD SEEK" for "SEARCH MODE" (see page 18).

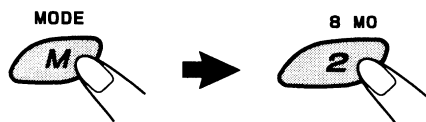
In step 3 on page 8...



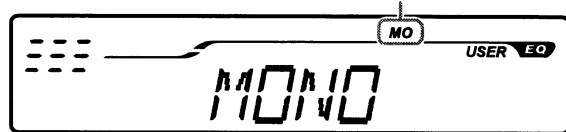
When an HD Radio station is tuned in, searching stops.

- When you press the M MODE button in step 3 on page 8, you can use Manual Search (see page 8) temporarily by pressing the  $\leftarrow \leftarrow \nabla / \triangleright \triangleright \rightarrow$  buttons even though "HD SEARCH" is selected for "SEARCH MODE."

**When an FM stereo broadcast is hard to receive**



Lights up when the monaural mode is activated.



Reception improves, but the stereo effect will be lost.

To restore the stereo effect, repeat the same procedure. "MONO OFF" appears and the MO indicator goes off.

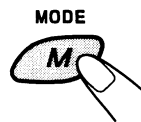
**To change the HD Radio reception mode**

While tuning in to an HD Radio broadcast, the received signals may alternate between digital and analog due to the receiving conditions.

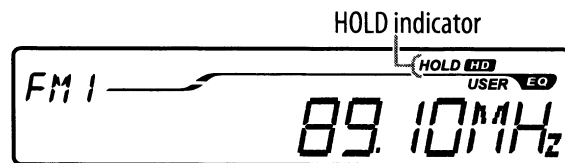
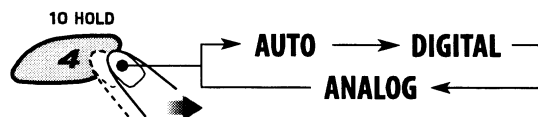
If you want to cancel this function, follow the procedure below.

**While listening to an HD Radio station...**

1



2



**AUTO:** For automatic switching between digital and analog audio.

**DIGITAL:** For playing digital audio only. HOLD indicator lights up.

**ANALOG:** For playing analog audio only. HOLD indicator lights up.

- If no sound comes out with current setting, change the setting to "ANALOG" or "DIGITAL."
- The setting automatically returns to "AUTO" in the following cases:
  - When you tune in to another broadcast.
  - When you change to another source.
  - When you turn off the power.
- This setting does not affect the conventional FM/AM stations.
- If the radio station forces the reception mode to digital, the HOLD indicator flashes.

## Storing stations in memory

You can preset six stations for each band.

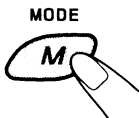
- The HD Radio multicast channels can also be preset.

### Station automatic presetting—SSM (Strong-station Sequential Memory)

1 Select the band you want to store in.



2



3



“SSM” flashes, then disappears when automatic presetting is over.

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

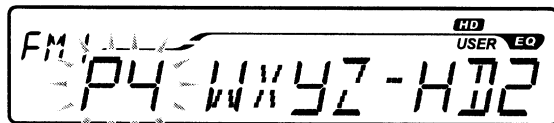
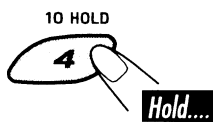
- HD Radio stations are preferentially stored.

### Manual presetting

1 Tune in to the station or channel you want to preset (see pages 8 and 9).

2 Press and hold a number button (1 – 6) to select a preset number.

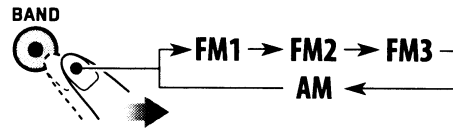
Ex.: Storing channel number 2 of an HD Radio broadcast into preset number 4 of the FM1 band.



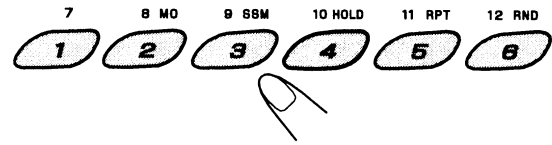
The preset number flashes for a while.

## Listening to a preset station

1

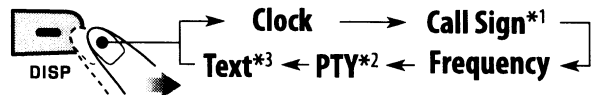


2 Select the preset station (1 – 6) you want.



- “LINKING” appears while linking to an HD Radio multicast channel.

## Changing the display information



**Clock:** Shows the clock.

**Call Sign\*1:** Shows the Call Sign of the HD Radio broadcast tuned in.

**Frequency:** Shows the station frequency.

**PTY\*2:** Shows the genre of the HD Radio program tuned in (Program Type).

**Text\*3:** Shows the Title/Artist/Album name of the current segment.

- Station frequency appears for a while...
  - When you change the frequency.
  - When you change the band.

\*1 No information appears when a Call Sign is not received.

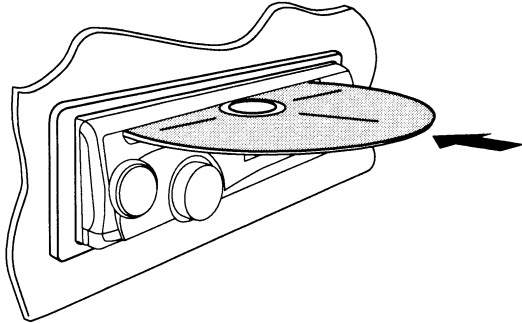
\*2 When no program type (PTY) is received, “HD RADIO” appears for HD Radio broadcasting, and “ANALOG” appears for analog broadcasting.

\*3 “NO TEXT” appears when no text is received.

# Disc operations

## Playing a disc in the unit

All tracks will be played repeatedly until you change the source or eject the disc.



<p>To stop playback and eject the disc</p>	
--	--

## Playing discs in the CD changer

All discs in the magazine will be played repeatedly until you change the source.

- Ejecting the magazine will also stop playback.

1

\* If you have changed the external input setting to "EXT INPUT" (see page 18), you cannot select the CD changer.

2 Select a disc.

For disc numbers 01 – 06:

7	8 MO	9 SSM	10 HOLD	11 RPT	12 RND
1	2	3	4	5	6

For disc numbers 07 – 12:

7	8 MO	9 SSM	10 HOLD	11 RPT	12 RND
1	2	3	4	5	6

## About MP3 and WMA discs

MP3 and WMA "tracks" (the words "file" and "track" are used interchangeably) are recorded in "folders."

## About the CD changer

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

- You can also connect other CH-X series CD changers (except CH-X99 and CH-X100). These units are not compatible with MP3 discs.
- You cannot play any WMA discs in the CD changer.
- You cannot use the KD-MK series CD changers with this unit.
- Disc text information recorded on a CD Text can be displayed when a JVC CD Text compatible CD changer is connected.
- For connection, see Installation/Connection Manual (separate volume).

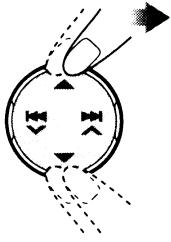
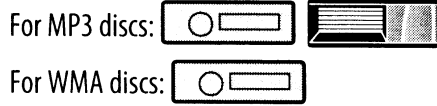
## To fast-forward or reverse the track



## To go to the next or previous tracks

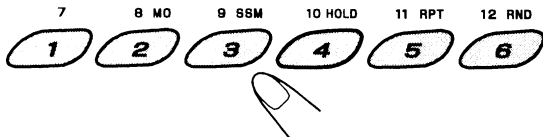


**To go to the next or previous folders (only for MP3 or WMA discs)**

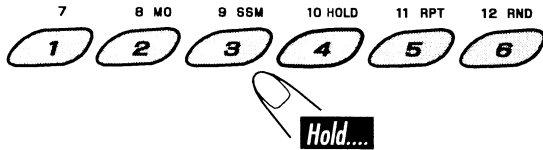


**To locate a particular track (for CD) or folder (for MP3 or WMA discs) directly**

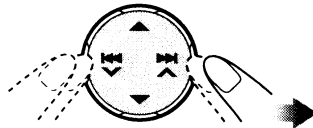
To select a number from 01 – 06:



To select a number from 07 – 12:



To select a particular track in a folder (for MP3 or WMA discs):



**Other main functions**

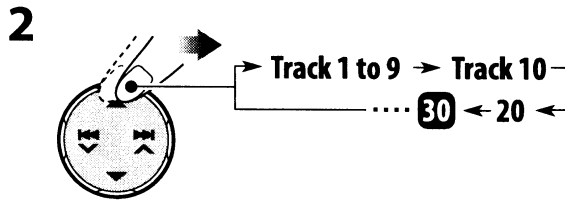
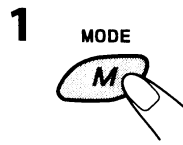
**■ Skipping tracks quickly during playback**



Only possible on JVC MP3-compatible CD changer

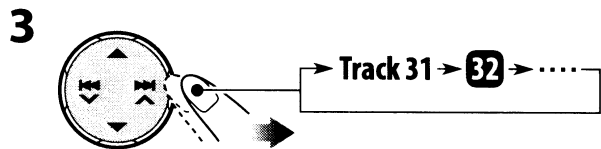
- For MP3 or WMA discs, you can skip tracks within the same folder.

Ex.: To select track 32 while playing a track whose number is a single digit (1 to 9).



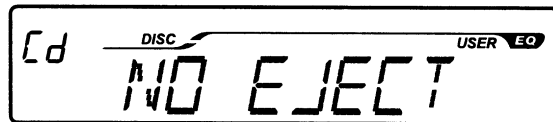
Each time you press the button, you can skip 10 tracks.

- After the last track, the first track will be selected and vice versa.



**■ Prohibiting disc ejection**

You can lock a disc in the loading slot.



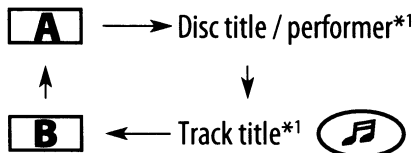
To cancel the prohibition, repeat the same procedure.



## Changing the display information

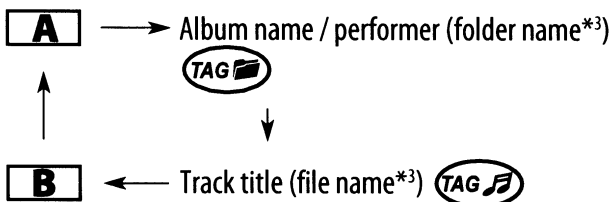


### While playing an audio CD or a CD Text

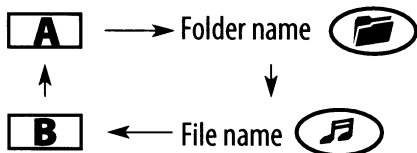


### While playing an MP3 or a WMA\*<sup>2</sup> disc

- When "TAG DISPLAY" is set to "TAG ON" (see page 18)



- When "TAG DISPLAY" is set to "TAG OFF"



**A**: Clock with the current track number

**B**: Elapsed playing time with the current track number

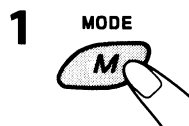
\*<sup>1</sup> If the current disc is an audio CD, "NO NAME" appears.

\*<sup>2</sup> Only for the built-in CD player.

\*<sup>3</sup> If an MP3/WMA file does not have Tag information, the folder name and file name appear. In this case, the TAG indicator will not light up.

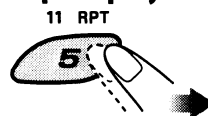
## Selecting a playback mode

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



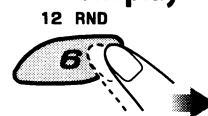
### 2 Select your desired playback mode.

#### Repeat play



Mode	Plays repeatedly
TRACK RPT:	The current track.
FOLDER RPT* <sup>1</sup> :	All tracks of the current folder.
DISC RPT* <sup>2</sup> :	All tracks of the current disc.
RPT OFF:	Cancels.

#### Random play



Mode	Plays at random
FOLDER RND* <sup>1</sup> :	All tracks of the current folder, then the tracks of the next folder and so on.
DISC RND:	All tracks of the current disc.
ALL RND* <sup>2</sup> :	All tracks of the inserted discs.
RND OFF:	Cancels.

\*<sup>1</sup> Only while playing an MP3 or a WMA disc.

\*<sup>2</sup> Only while playing discs in the CD changer.

# Sound adjustments

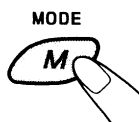
## Using EQ mode

You can select and customize a preset sound mode suitable to the music source using the 7-band equalizer.

### To select a preset EQ mode

1

Only for KD-AHD39



2

KD-AHD39

7 EQ



KD-HDR30

EQ

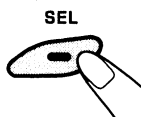


USER:	Flat sound
ROCK:	For rock or discotheque music
CLASSIC:	For classical music
POPS:	For light music
HIP HOP:	For funk or rap music
JAZZ:	For jazz music

### To adjust a preset EQ mode

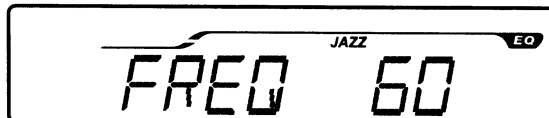
You can adjust the sound modes and store your own adjustments in memory.

1 Select your desired preset mode to customize, referring to "To select a preset EQ mode" on the left, then...

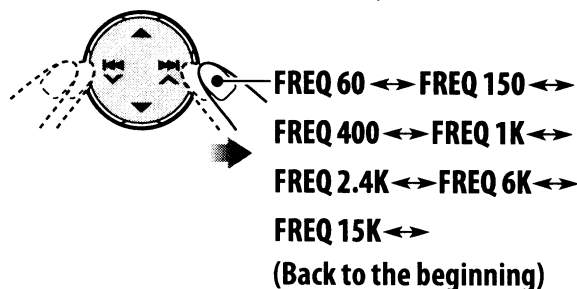


The adjustable frequency level appears.

EX.: When "FREQ 60" of "JAZZ" is selected

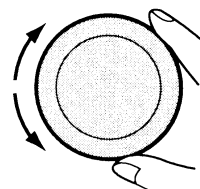


2 Select your desired frequency.



(Back to the beginning)

3



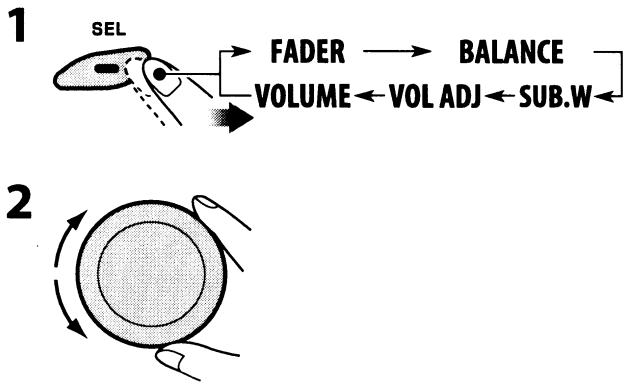
The adjusted frequency level (-05 to +05) will be stored.

4 Repeat the procedure from steps 2 and 3 to adjust other frequencies.

### Initial settings of preset EQ modes

Mode	Initial level of each frequency						
	FREQ 60	FREQ 150	FREQ 400	FREQ 1K	FREQ 2.4K	FREQ 6K	FREQ 15K
USER	00	00	00	00	00	00	00
ROCK	+03	+02	00	00	+01	+02	+01
CLASSIC	+01	+03	+01	00	00	+02	00
POPS	00	+02	00	00	00	+01	+02
HIP HOP	+04	+01	-01	-02	00	+01	00
JAZZ	+03	+02	+01	+01	+01	+03	+01

## Adjusting the sound balance



### Indication [Range]

#### FADER\*1 \*2

Adjust the front and rear speaker balance. [F12 to R12]

#### BALANCE\*2

Adjust the left and right speaker balance. [L12 to R12]

#### SUB.W\*3 (subwoofer)

Adjust the subwoofer output level. [00 to 08]

#### VOL ADJ (volume adjust)

Adjust the input level of each source (except "FM," "BT-PHONE," and "BT-AUDIO"\*4). [-10 to +10]

Adjust to match to the input level of the FM sound level.

- Before making an adjustment, select the source you want to adjust.

#### VOLUME

Adjust the volume. [00 to 30 or 50\*5]

- The volume levels for "BT-PHONE," "BT-AUDIO," and the other sources are stored separately.

\*1 If you are using a two-speaker system, set the fader level to "00."

\*2 This adjustment does not affect the subwoofer output.

\*3 This takes effect only when a subwoofer is connected.

\*4 When "FM," "BT-PHONE," or "BT-AUDIO" is selected as the source, "VOL ADJ FIX" appears on the display and you cannot adjust the setting.

\*5 Depending on the amplifier gain control setting (see page 18).

## Using SRS Circle Surround Auto™ (CS-A mode)

This function is only for KD-AHD39.

SRS Circle Surround Auto™ is a surround technology specially designed for car audio, and it can reproduce 5.1-channel sound through a standard 4-speaker car stereo system (with or without a subwoofer.)

SRS Circle Surround Auto™ is made up of...

#### SRS Circle Surround II™ decoder:

Converts the sound of CD, AM/FM radio broadcast and other various sources into multi-channel sounds.

#### SRS FOCUS®:

Elevates the sound field to a more optimal listening level.

#### SRSTruBass®:

Creates an ultra rich bass using the standard speakers with no subwoofer connected.

### To select a preset mode of SRS Circle Surround Auto™



**TYPE A:** For the system of large front speaker with tweeter and rear tray speaker

**TYPE B:** For the system of large front speaker with tweeter and door-mounted rear speaker

**TYPE C:** For the system of small front speaker and door-mounted rear speaker

**USER:** For your preference

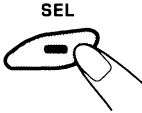
**OFF:** Cancels CS-A mode.

Continued on the next page

## To adjust a preset mode of SRS Circle Surround Auto™

You can adjust the SRS FOCUS® and the SRS TruBass® of each preset CS-A mode and store your own adjustments in memory.

- 1 Select your desired CS-A mode to adjust, referring to "To select a preset mode of SRS Circle Surround Auto™" on page 15, then...

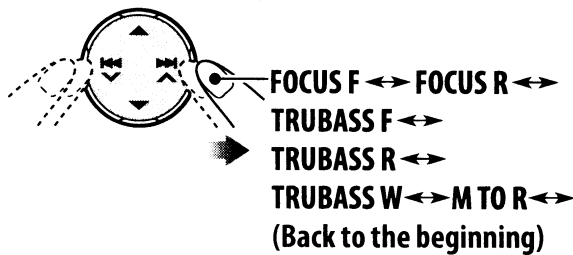


The adjustable item appears.

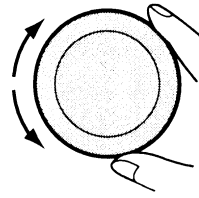


Selected item name appears. Level number (0-9.)

- 2 Select an item to adjust.



3



Adjusted settings will be stored.

### Indication [Range]

**FOCUS F** (SRS FOCUS® Front)

Adjust the SRS FOCUS® of the front speaker. [0 to 9]

**FOCUS R** (SRS FOCUS® Rear)

Adjust the SRS FOCUS® of the rear speaker. [0 to 9]

**TRUBASS F** (SRS TruBass® Front)

Adjust the SRS TruBass® of the front speaker. [0 to 9]

**TRUBASS R** (SRS TruBass® Rear)

Adjust the SRS TruBass® of the rear speaker. [0 to 9]

**TRUBASS W** (SRS TruBass® Subwoofer)

Adjust the SRS TruBass® of the subwoofer. [0 to 9]

**M TO R** (Mix to Rear)

Adjust the level of the front channel signals mixed to the rear for richer sound in the rear seat. [0 to 9]


- 4 Repeat the procedure from steps 2 and 3 to adjust other items.

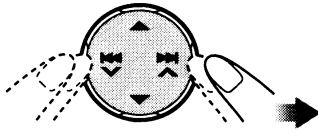
## Initial settings of preset CS-A mode

Mode	Initial level of each item					
	FOCUS F	FOCUS R	TRUBASS F	TRUBASS R	TRUBASS W	M TO R
USER	0	0	0	0	0	2
TYPE A	3	4	3	4	3	2
TYPE B	4	8	5	6	5	2
TYPE C	7	9	7	8	7	2
OFF	No effect applied.					

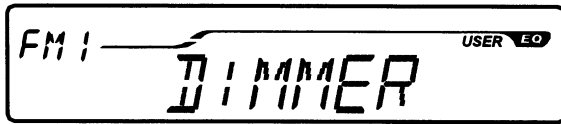
# General settings — PSM

You can change PSM (Preferred Setting Mode) items (except "SID") listed in the table that follows.

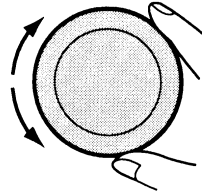
- 1  **Hold...**
- 2 Select a PSM item.



Ex.: When "DIMMER" is selected



- 3 Adjust the PSM item selected.



- 4 Repeat steps 2 and 3 to adjust other PSM items if necessary.
- 5 Finish the procedure.







Indications	Selectable settings, [reference page]
<b>DEMO</b> Display demonstration	<b>DEMO ON:</b> [Initial]; Display demonstration will be activated automatically, [7]. <b>DEMO OFF:</b> Cancels.
<b>CLOCK DISP</b> Display clock	<b>CLOCK ON:</b> Clock time is always shown on the display when the power is turned off. <b>CLOCK OFF:</b> [Initial]; Cancels. Pressing DISP will show the clock time for about 5 seconds when the power is turned off, [7].
<b>CLOCK HOUR</b> Hour adjustment	1 – 12, [7] [Initial: 1 (1:00)]
<b>CLOCK MIN</b> Minute adjustment	00 – 59, [7] [Initial: 00 (1:00)]
<b>CLOCK ADJ</b> Clock adjustment	<b>AUTO:</b> The built-in clock is automatically adjusted using the clock data provided via the HD Radio broadcast.*3 <b>OFF:</b> [Initial]; Cancels.
<b>TIME ZONE*1</b> Time zone	Select your residential area from one of the following time zones for clock adjustment. <b>EASTERN</b> [Initial] ⇄ <b>ATLANTIC</b> ⇄ <b>NEWFOUND</b> ⇄ <b>ALASKA</b> ⇄ <b>PACIFIC</b> ⇄ <b>MOUNTAIN</b> ⇄ <b>CENTRAL</b> ⇄ (back to the beginning)
<b>DST*1</b> Daylight savings time	Activate this if your residential area is subject to DST. <b>DST ON:</b> Activates daylight savings time. <b>DST OFF:</b> [Initial]; Cancels.
<b>SID*2</b> SIRIUS ID	The 12-digit SIRIUS identification number scrolls on the display 5 seconds, [25].
<b>DIMMER</b> Dimmer mode	<b>AUTO:</b> [Initial]; Dims the display when you turn on the headlights. <b>ON:</b> Dims the display illumination of this unit. <b>OFF:</b> Cancels.

\*1 Displayed only when "CLOCK ADJ" is set to "AUTO."

\*2 Displayed only when SIRIUS Satellite radio is connected.

\*3 When the SIRIUS Satellite Radio or XM Satellite Radio is connected, the clock data is provided via the Satellite radio channel.

Continued on the next page

Indications	Selectable settings, [reference page]
<b>TEL MUTING*</b> <sup>1</sup> Telephone muting	<b>MUTING 1/</b> <b>MUTING 2:</b> Select either one which mutes the sounds while using a cellular phone system. <b>MUTING OFF:</b> [Initial]; Cancels. • When "CD" or "CD-CH/IPOD" has been selected as the source, playback pauses during telephone muting.
<b>SCROLL*</b> <sup>2</sup> Scroll mode	<b>ONCE:</b> [Initial]; Scrolls the information once. <b>AUTO:</b> Repeats scrolling (5-second intervals). <b>OFF:</b> Cancels. • Pressing DISP for more than one second can scroll the display regardless of the setting.
<b>SUB.W FREQ</b> Subwoofer cutoff frequency	<b>LOW:</b> Frequencies lower than 90 Hz are sent to the subwoofer. <b>MID:</b> [Initial]; Frequencies lower than 135 Hz are sent to the subwoofer. <b>HIGH:</b> Frequencies lower than 180 Hz are sent to the subwoofer.
<b>EXT INPUT*</b> <sup>3</sup> External input	<b>CHANGER:</b> [Initial]; To use a JVC CD changer, [11] or an Apple iPod, [28]. <b>EXT INPUT:</b> To use any other external component than the above, [30]. • For connecting KS-BTA200, [19]/KS-SRA100, [25]/XMDJVC100 [25], this setting is not required. It is automatically detected.
<b>TAG DISPLAY*</b> <sup>2</sup> Tag display	<b>TAG ON:</b> [Initial]; Shows the Tag information while playing MP3/WMA tracks, [13]. <b>TAG OFF:</b> Cancels.
<b>AMP GAIN</b> Amplifier gain control	You can change the maximum volume level of this unit. <b>HIGH POWER:</b> [Initial]; VOL 00 – VOL 50 <b>LOW POWER:</b> VOL 00 – VOL 30 (Select this if the maximum power of the speaker is less than 50 W to prevent them from being damaged.) <b>OFF:</b> Deactivates the built-in amplifier.
<b>IF BAND</b> Intermediate frequency band	<b>AUTO:</b> [Initial]; Increases the tuner selectivity to reduce interference noises between the stations. (The stereo effect will be lost.) <b>WIDE:</b> Subject to the interference noises from adjacent stations, but sound quality will not be degraded. (The stereo effect will not be lost.)
<b>AREA</b> Tuner channel interval	<b>AREA US:</b> [Initial]; When using the unit in North/Central/South America. The AM/FM intervals are set to 10 kHz/200 kHz. <b>AREA EU:</b> When using the unit in any other areas. The AM/FM intervals are set to 9 kHz/50 kHz (100 kHz during auto search). <b>AREA SA:</b> When using the unit in South American countries where the FM interval is 100 kHz. The AM interval is set to 10 kHz.
<b>SEARCH MODE</b> Radio station search mode	You can change radio station search mode operation using the     buttons. <b>MANUAL:</b> [Initial]; To search for stations manually—for Manual search, [8]. <b>HD SEEK:</b> To search for HD Radio stations only—for HD search, [9].
<b>CS ON HD*</b> <sup>1</sup> CS-A mode standby on HD Radio broadcasting	<b>AUTO:</b> When the unit tunes in to a radio broadcast encoded with CS II, the CS-A mode (see page 15) is automatically set to "USER" even though you have set the mode to "OFF." <b>OFF:</b> [Initial]; Cancels.

\*<sup>1</sup> KD-AHD39 only

\*<sup>2</sup> Some characters or symbols will not be shown correctly (or will be blanked out) on the display.

\*<sup>3</sup> Not displayed when the component connected to the CD changer jack is selected as the source.

# Bluetooth® operations

For Bluetooth operations, it is required to connect the Bluetooth Adapter (KS-BTA200) to the CD changer jack on the rear.

- Refer also to the instructions supplied with the Bluetooth adapter and the Bluetooth device.
- Refer to the list (included in the box) to see the countries where you may use the Bluetooth® function.

**Preparation:** Operate the device to turn on its Bluetooth function.

To use a Bluetooth device through the unit ("BT-PHONE" and "BT-AUDIO") for the first time, you need to establish a Bluetooth wireless connection between the unit and the device.

- Once the connection is established, it is registered on the unit even if you reset your unit. Up to five devices can be registered in total.
- Only one device can be connected at a time for each source ("BT-PHONE" and "BT-AUDIO").

## Connecting a Bluetooth device for the first time

### Registration (Pairing) methods

Use either of the following items in the Bluetooth menu to register and establish the connection with a device.

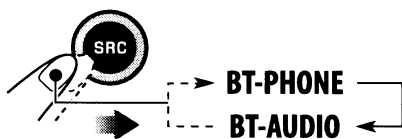
- Select "BT-PHONE" or "BT-AUDIO" as the source to operate the Bluetooth menu.

**OPEN:** Make the unit ready to establish a new Bluetooth connection. The connection is established by operating the Bluetooth device.

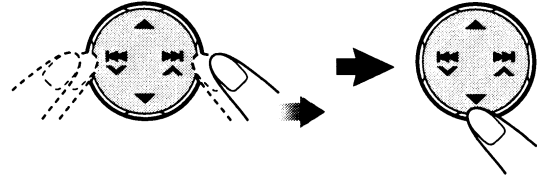
**SEARCH:** Make the unit ready to establish a new Bluetooth connection. The connection is established by operating the unit.

### Basic operations

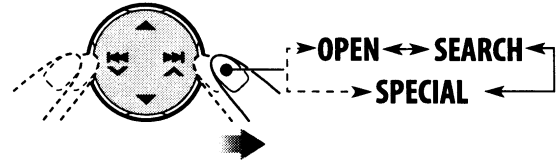
1



- 2 Select "NEW DEVICE" then enter the Bluetooth menu.



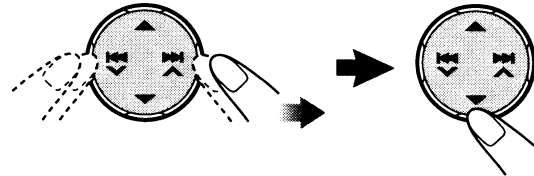
- 3 Select a desired item.



### Registering using "OPEN"

In step 3 above...

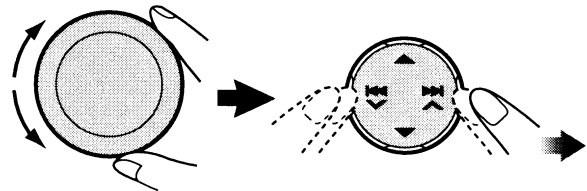
- 1 Select "OPEN."



- 2 Enter a PIN (Personal Identification Number)\* code into the unit.

- You can enter any number you like (1-digit to 16-digit number).

\* Some devices have their own PIN code. Enter the specified PIN code into the unit.

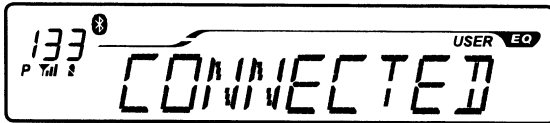


- 3 Confirm the entry.



Continued on the next page

- Operate the target Bluetooth device while "OPEN.." is flashing on the screen. Enter the same PIN code (as entered in step 2) into the device to be connected.



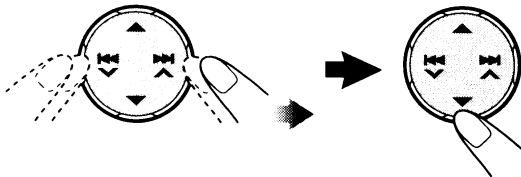
Now the connection is established and you can use the device through the unit.

The device remains registered even after you disconnect it. Use "CONNECT" (or activate "AUTO CNNECT") to connect the same device from next time on (see right and page 24).

### Registering using "SEARCH"

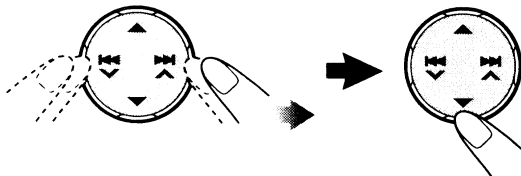
In step 3 on page 19...

- Select "SEARCH."

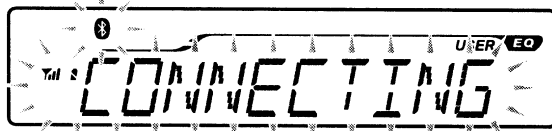


The unit searches for available devices and displays them. (If no available device is detected, "UNFOUNDED" appears.)

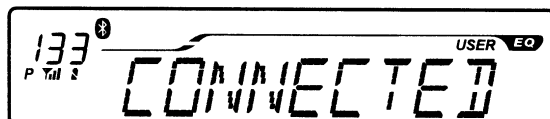
- Select the device you want to connect.



- Enter the specific PIN code of the device into the unit.
  - Refer to the instructions supplied with the device to check the PIN code.



- Use the Bluetooth device to connect.

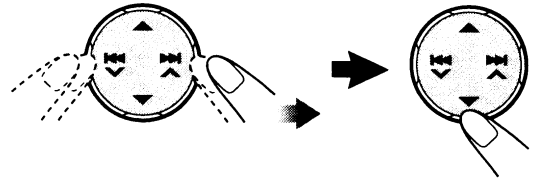


Now the connection is established and you can use the device through the unit.

### Connecting a special device

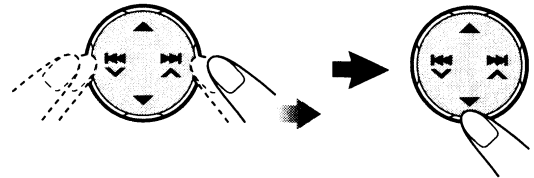
In step 3 on page 19...

- Select "SPECIAL."



The unit displays device names.

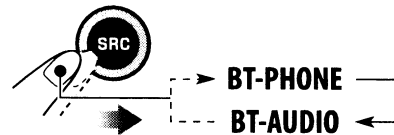
- Select the device you want to connect.



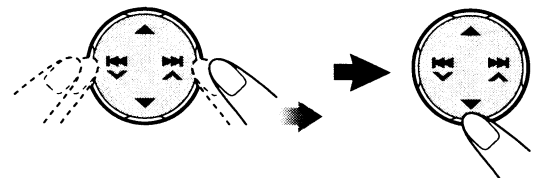
- Use "OPEN" (see page 19) or "SEARCH" (see left) to connect.

### Connecting/disconnecting a registered device

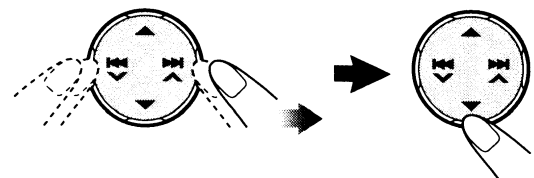
- 



- Select the registered device you want to connect/disconnect then enter the Bluetooth menu.



- Select "CONNECT" or "DISCONNECT" to connect/disconnect the selected device.

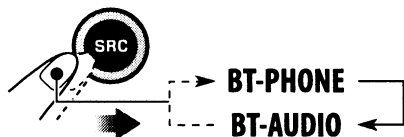


You can set the unit to connect a Bluetooth device automatically when the unit is turned on (see page 24).

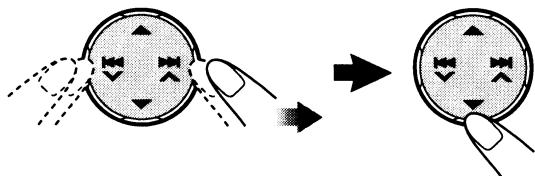


## Deleting a registered device

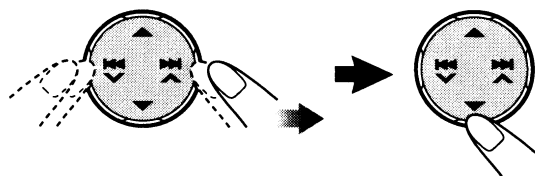
1



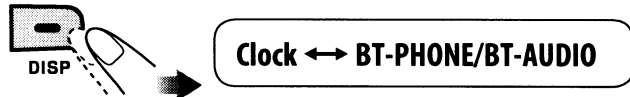
2 Select the registered device you want to delete then enter the Bluetooth menu.



3 Select "DELETE" then "YES."

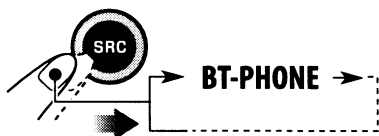


### To check the clock time



## Using the Bluetooth cellular phone

1



2 Establish a connection with a device (see page 20).

3 Enter the Bluetooth menu.



4 Make a call or settings using the Bluetooth menu.

See pages 22 and 24.

- You can adjust the microphone volume level (see page 24).
- You can adjust the volume level for "BT-PHONE" without affecting the volume level for the other sources.

**When the sound is stopped or interrupted while using a Bluetooth device, turn off, then turn on the unit.**

- If the sound is not yet restored, connect the device again (see page 20).

### When a call comes in...

The source is automatically changed to "BT-PHONE." When "AUTO ANSWER" is set to "ON" (see page 24), the unit answers the incoming calls automatically.

- When "AUTO ANSWER" is set to "OFF," press any button (except the  $\text{O/I}$  ATT button) to answer the incoming call.

**To end the call or reject an incoming call, hold any button (except the  $\text{O/I}$  ATT button).**

### When a Text Message comes in...

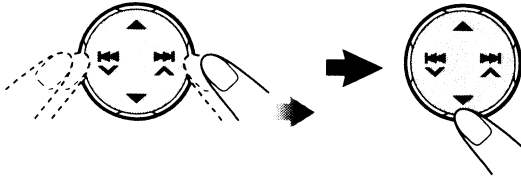
If the cellular phone is compatible with Text Message and "MSG INFO" is set to "AUTO" (see page 24), the unit rings and "RCV MSG" appears on the display to inform you of the arrival of the message.

- You cannot edit or send a message through the unit.

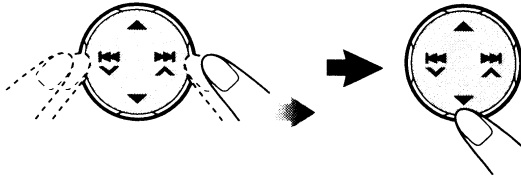
## Making a call

In step 4 on page 21...

### 1 Select "DIAL" to enter the Dial menu.



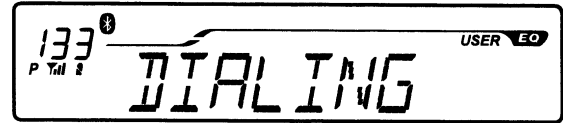
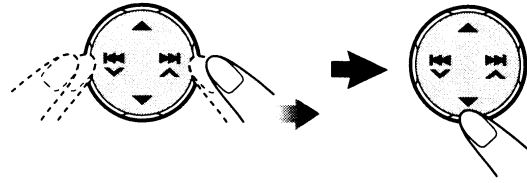
### 2 Select a calling method.



<b>REDIAL:</b>	Shows the phone numbers you have dialed. Go to the following step.
<b>RECEIVED:</b>	Shows the received calls. Go to the following step.
<b>PHONE BOOK:</b>	Shows the phone book of the connected cellular phone. Go to the following step.
<b>MISSED:</b>	Shows the missed calls. Go to the following step.
<b>NUMBER:</b>	Shows the phone number entry display. Enter the phone number in the same way as entering a PIN code (see step 2 on page 19).
<b>VOICE*:</b>	Speak the name you want to call.

\* Only when the connected cellular phone has the voice recognition system.

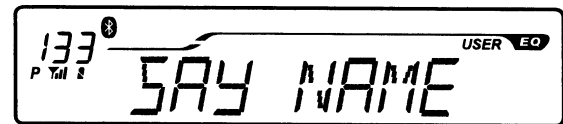
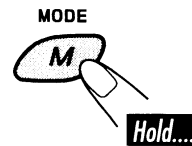
### 3 Select a name/phone number you want to call.



## Voice Dialing

After the connection is established, you can make a call by your voice regardless of the current source.

### 1



### 2 Speak the name you want to call.

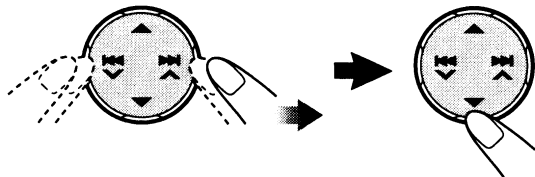
- You can also use this function from the Dial menu. Select "VOICE" from the menu.
- If your cellular phone does not support the voice recognition system, "ERROR" appears on the display.

## Presetting phone numbers

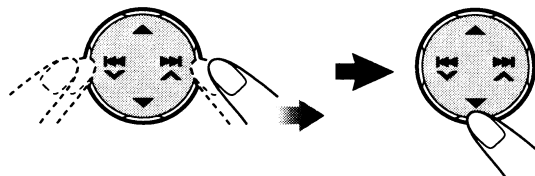
You can preset up to six phone numbers.

In step 2 of "Making a call" on page 22...

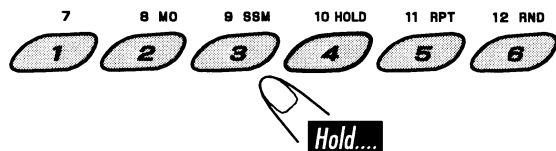
**1** Select "RECEIVED," "PHONE BOOK," or "MISSED."



**2** Select the phone number you want to preset.

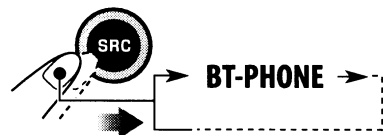


**3** Select a number.

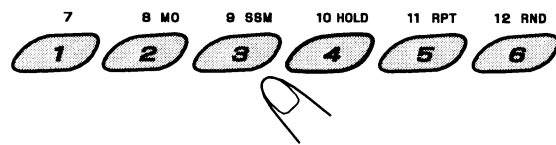


## To call a preset phone number

**1**

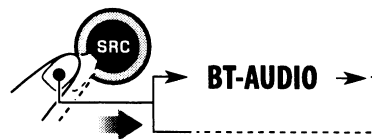


**2** Select the preset number.



## Using the Bluetooth audio player

**1**



If playback does not start automatically, operate the Bluetooth audio player to start playback.

- See pages 19 and 20 for connecting a new device.
- See page 20 for connecting/disconnecting a registered device.
- See page 21 for deleting a registered device.

When the sound is stopped or interrupted while using a Bluetooth device, turn off, then turn on the unit.

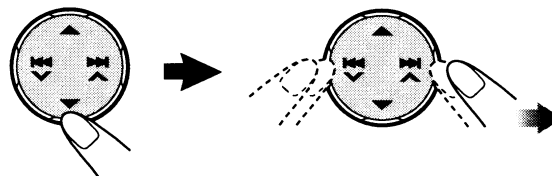
- If the sound is not yet restored, connect the device again (see page 20).

### Playback operations

Button	Operation
▲ (up) button:	Play/pause
◀▶ / ▶▶ / ▶▶▲ buttons:	Reverse skip/forward skip

### To select other registered devices

**1** Go to the device selection menu then select a device.



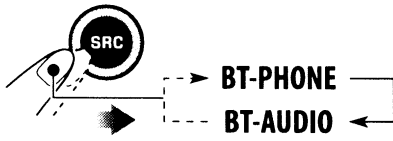
**2** Confirm the selection.



## Bluetooth settings

You can change the settings listed in the right column according to your preference.

1



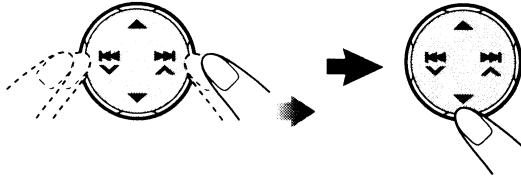
2

Enter the Bluetooth menu.



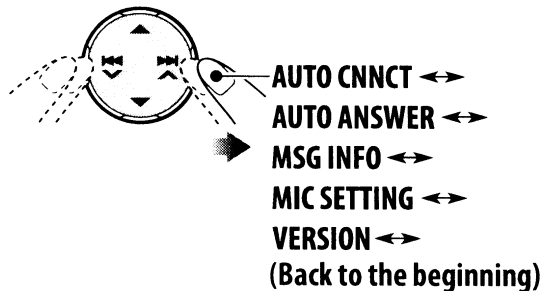
3

Select "SETTINGS."



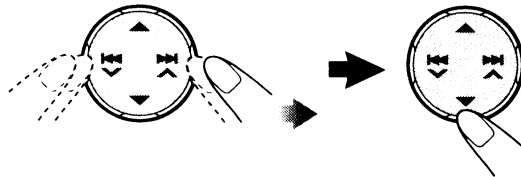
4

Select a desired setting item.



5

Change the setting.



### ■ AUTO CNCT (connect)

When the unit is turned on, the connection is established automatically with...

**LAST\*:** The last connected Bluetooth device

**ORDER:** The available registered Bluetooth device found at first

**OFF:** No Bluetooth device

### ■ AUTO ANSWER

Only for the device being connected for "BT-PHONE."

**ON:** The unit answers the incoming calls automatically.

**OFF\*:** The unit does not answer the calls automatically. Answer the calls manually.

**REJECT:** The unit rejects all incoming calls.

### ■ MSG INFO (message info)

Only for the device being connected for "BT-PHONE."

**AUTO\*:** The unit informs you of the arrival of a message by ringing and displaying "RCV MSG" (receiving message).

**MANUAL:** The unit does not inform you of the arrival of a message.

### ■ MIC SETTING (microphone setting)

Only for the device being connected for "BT-PHONE."

Adjust the volume of the microphone connected to the Bluetooth Adapter, [LEVEL 01/02\*/03].

### ■ VERSION

The Bluetooth software and hardware versions are shown.

\* Initial setting

#### Bluetooth Information:

If you wish to receive more information about Bluetooth, visit the following JVC web site:

<<http://www.jvc-victor.co.jp/english/car/>>

# Satellite radio operations

This unit is satellite (SAT) Radio Ready—compatible with both SIRIUS Satellite radio and XM Satellite radio.

Before operating your satellite radio:

- For connection, see Installation/Connection Manual (separate volume).
- Refer also to the Instructions supplied with your SIRIUS Satellite radio or XM Satellite radio.
- “SIRIUS” and the SIRIUS dog logo are registered trademarks of SIRIUS Satellite Radio Inc.
- XM and its corresponding logos are registered trademarks of XM Satellite Radio Inc.
- “SAT Radio,” the SAT Radio logo and all related marks are trademarks of SIRIUS Satellite Radio Inc., and XM Satellite Radio, Inc.

## ■ Listening to the satellite radio

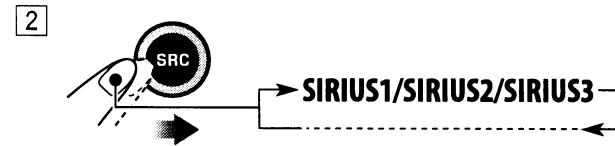
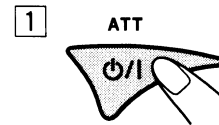
Connect either one of the following (separately purchased) to the CD changer jack on the rear of this unit.

- **SIRIUS satellite radio interface**—KS-SRA100, for listening to the SIRIUS Satellite radio through any SIRIUS Satellite radio tuner.
- **JVC Smart Digital Adapter**—XMDJVC100, for listening to the XM Satellite radio through XMDirect™ Universal Tuner Box.

### GCI (Global Control Information) update:

- If channels are updated after subscription, updating starts automatically.  
“UPDATING” flashes and no sound can be heard.
- Update takes a few minutes to complete.
- During update, you cannot operate your satellite radio.

## Activate your SIRIUS subscription after connection



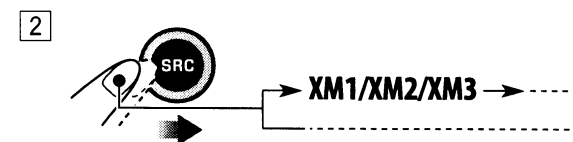
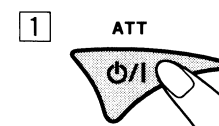
The SIRIUS satellite radio starts updating all the SIRIUS channels.

Once completed, SIRIUS Satellite radio tunes in to the preset channel, CH184.

- 3 Check your SIRIUS ID, see page 17.
- 4 Contact SIRIUS on the internet at <<http://activate.siriusradio.com/>> to activate your subscription, or you can call SIRIUS toll-free at 1-888-539-SIRIUS (7474).  
“SUB UPDT PRESS ANY KEY” scrolls on the display once subscription has been completed.

## Activate your XM subscription after connection

- Only Channel 0, 1, and 247 are available before activation.



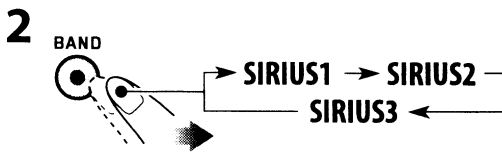
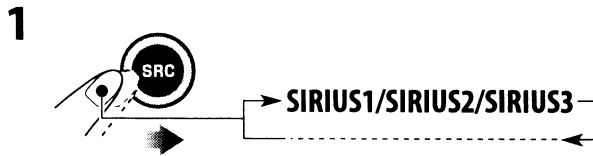
The XMDirect™ Universal Tuner Box starts updating all the XM channels. “Channel 1” is tuned in automatically.

- 3 Check your XM Satellite radio ID labeled on the casing of the XMDirect™ Universal Tuner Box, or tune in to “Channel 0” (see page 27).

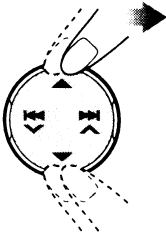
- 4 Contact XM Satellite radio on the internet at <<http://xmradio.com/activation/>> to activate your subscription, or you can call 1-800-XM-RADIO (1-800-967-2346).

Once completed, the XMDirect™ Universal Tuner Box tunes in to one of the available channels (Channel 2 or higher).

### Listening to the SIRIUS Satellite radio



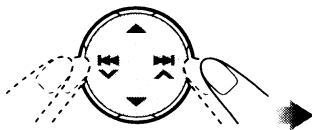
- 3 Select a category.



You can tune in to all the channels of every category by selecting "ALL."

Selecting a particular category (SPORTS, ENTERTAINMENT, etc.) allows you to enjoy only the channels from the selected category.

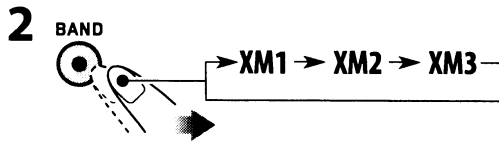
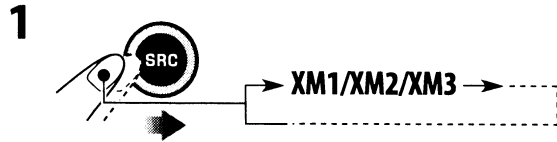
- 4 Select a channel to listen to.



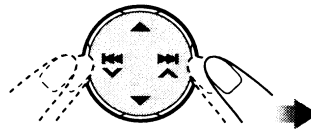
Holding the button changes the channels rapidly.

- When changing the category or channel, invalid and unsubscribed channels are skipped.

### Listening to the XM Satellite radio



- 3 Select a channel to listen to.



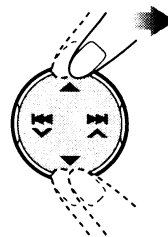
Holding the button changes the channels rapidly.

### Searching for a category/channel

You can search for programs by category (Category Search) or channel number (Channel Search).

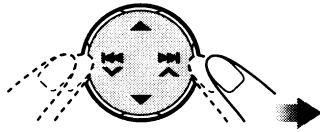
- **In Category Search**, you can tune in to the channels of the selected category. Category Search begins from the currently selected channel. The selected channel number flashes on the display.
- **In Channel Search**, you can tune in to all channels (including non-categorized channels).

- 1 Select a category (Category Search).



- For Channel Search, skip this step.

## 2 Select a channel to listen to.



Ex.: When you select "COUNTRY" for Category Search



Current channel number

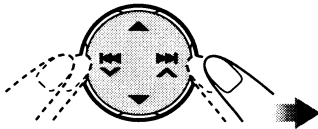
If no operation is done for about 15 seconds, Category Search is canceled.

In Channel Search, the channel name and channel number appear on the display while searching.

- While searching, invalid and unsubscribed channels are skipped.

## Checking the XM Satellite radio ID

While selecting "XM1," "XM2," or "XM3," select "Channel 0."



The display shows "RADIO ID" and the 8-digit (alphanumeric) ID number alternately.

To cancel the ID number display, select any channel other than "Channel 0."

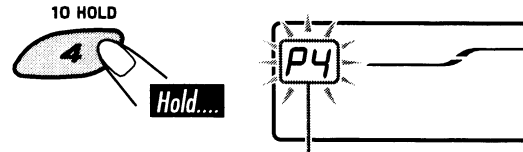
## Storing channels in memory

You can preset six channels for each band.

Ex.: Storing a channel into preset number 4

### 1 Tune in to the channel you want.

2



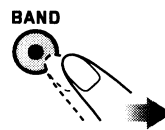
The preset number flashes for a while.

## Listening to a preset channel

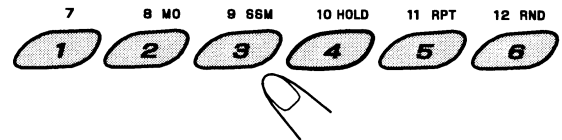
### 1 Select either SIRIUS Satellite radio or XM Satellite radio.



2



### 3 Select the preset channel (1 – 6) you want.



## To change the display information



Clock → Category name → Channel name → Artist name → Composer name\* → Song/program name/title → (back to the beginning)

\* Only for SIRIUS Satellite radio.

# iPod operations

This unit is ready for operating an Apple iPod from the control panel.

Before operating your iPod:

Connect Interface adapter for iPod—KS-PD100 (separately purchased) to the CD changer jack on the rear of this unit for controlling.

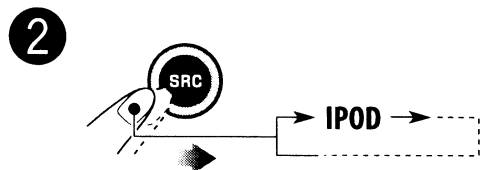
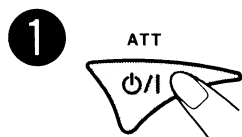
- For connection, see Installation/Connection Manual (separate volume).
- For details, refer also to the manual supplied with the interface adapter.

**Caution:**

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

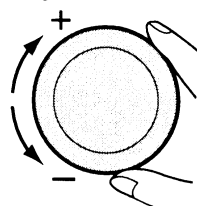
## Preparations

Make sure "CHANGER" is selected for the external input setting (see page 18).



Playback starts automatically from where it has been paused previously.

### 3 Adjust the volume.



### 4 Adjust the sound as you want (see pages 14 – 16).

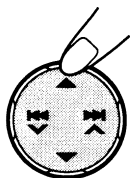
- Make sure the equalizer on the iPod is deactivated.

<p>To pause playback To resume playback, press it again.</p>	
<p>To fast-forward or reverse the track</p>	<p>Hold....</p>
<p>To go to the next or previous tracks</p>	



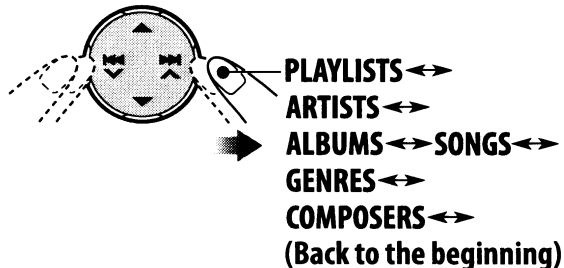
## Selecting a track from the menu

### 1 Enter the main menu.



Now the ▲/▼/◀/▶ buttons work as the menu selection buttons\*<sup>1</sup>.

### 2 Select the desired menu.



### 3 Confirm the selection.



To move back to the previous menu, press ▲.

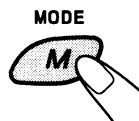
- If a track is selected, playback starts automatically.
- If the selected item has another layer, you will enter the layer. Repeat steps **2** and **3** until the desired track is confirmed.
- Holding ◀◀◀/▶▶▶ can skip 10 items at a time.

\*<sup>1</sup> The menu selection mode will be canceled:

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

## Selecting a playback mode

### 1



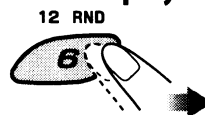
### 2 Select your desired playback mode.

#### ■ Repeat play



Mode	Plays repeatedly
RPT OFF:	Cancels.
ONE RPT:	Functions the same as "Repeat One" of the iPod.
ALL RPT:	Functions the same as "Repeat All" of the iPod.

#### ■ Random play



Mode	Plays at random
RND OFF:	Cancels.
ALBUM RND* <sup>2</sup> :	Functions the same as "Shuffle Album" of the iPod.
SONG RND:	Functions the same as "Shuffle Songs" of the iPod.

\*<sup>2</sup> Only when you select "ALL" in "ALBUMS" of the "Music" menu.

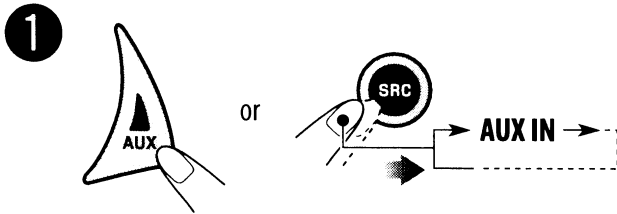
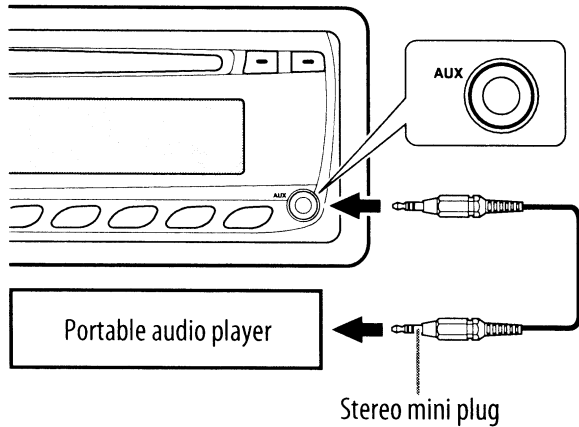
### To check other information



# Other external component operations

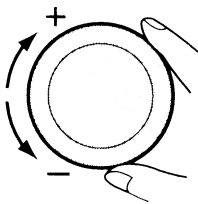
## Connecting to the AUX input jack

You can connect an external component to the AUX (auxiliary) input jack on the control panel.



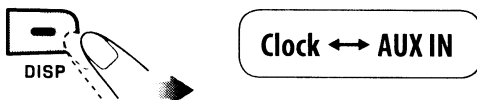
**2** Turn on the connected component and start playing the source.

**3** Adjust the volume.



**4** Adjust the sound as you want (see pages 14 – 16).

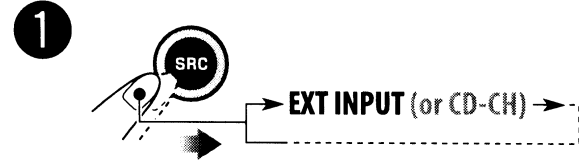
### To check the clock time



## Connecting to the CD changer jack

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

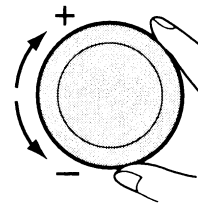
- For connection, see Installation/Connection Manual (separate volume).



If "EXT INPUT" does not appear, see page 18 and select the external input ("EXT INPUT").

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

**3** Adjust the volume.



**4** Adjust the sound as you want (see pages 14 – 16).

### To check the clock time



# More about this unit

## Basic operations

### Turning on the power

- By pressing SRC or AUX on the unit, you can also turn on the power. If the source is ready, playback also starts.

### Turning off the power

- If you turn off the power while listening to a disc, disc play will start from where playback has been stopped previously next time you turn on the power.

## Tuner operations

### Storing stations in memory

- During SSM search...
  - All stations including HD Radio stations are searched and stored for the selected band.
  - 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 a new station is stored with the manual presetting, the previously preset station is erased and the new one is stored in the same preset number.

### Listening to a preset station

- For HD Radio broadcast:  
No sound comes out until a broadcast is tuned in.

## Disc operations

### 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.

## General

- This unit has been designed to reproduce CDs/CD Texts, and CD-Rs (Recordable)/CD-RWs (Rewritable) in audio CD (CD-DA), MP3 and WMA formats.
- When a disc has been loaded, selecting "CD" for the playback source starts disc play.

## Inserting a disc

- When a disc is inserted upside down, "PLEASE" and "EJECT" appear alternately on the display. Press ▲ to eject the disc.
- Do not insert 8 cm (3-3/16") discs (single CD) and unusual shape discs (heart, flower, etc.) into the loading slot.

## Playing a disc

- While fast-forwarding or reversing an MP3 or WMA disc, you can only hear intermittent sounds.

## Playing a CD-R or CD-RW

- Use only "finalized" CD-Rs or CD-RWs.
- This unit can play back only files of the same type which are first detected if a disc includes both audio CD (CD-DA) files and MP3/WMA files.
- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- Some CD-Rs or CD-RWs may not play back on this unit because of their disc characteristics, or for the following reasons:
  - Discs are dirty or scratched.
  - Moisture condensation occurs on the lens inside the unit.
  - The pickup lens inside the unit is dirty.
  - CD-R/CD-RW on which the files are written with "Packet Write" method.
  - There are improper recording conditions (missing data, etc.) or media conditions (stained, scratched, warped, etc.).
- CD-RWs may require a longer readout time since the reflectance of CD-RWs is lower than that of regular CDs.
- Do not use the following CD-Rs or CD-RWs:
  - 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 damage to the unit.

## Playing an MP3/WMA disc

- This unit can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).

*Continued on the next page*

- This unit can show the names of albums, artists (performer), and Tag (Version 1.0, 1.1, 2.2, 2.3, or 2.4) for MP3 files and for WMA files.
- This unit can display only one-byte characters. No other characters can be correctly displayed.
- This unit can play back MP3/WMA files meeting the conditions below:
  - Bit rate: 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)
  - Disc format: ISO 9660 Level 1/Level 2, Romeo, Joliet
- The maximum number of characters for file/folder names vary among the disc format used (includes 4 extension characters—<.mp3> or <.wma>).
  - 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
- This unit can play back files recorded in VBR (variable bit rate).  
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 unit can recognize a total of 512 files and of 255 folders.
- This unit cannot play back the following files:
  - MP3 files encoded with MP3i and MP3 PRO format.
  - MP3 files encoded in an inappropriate 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.
  - Files which have the data such as WAVE, ATRAC3, etc.
- The search function works but search speed is not constant.

### **Changing the source**

- If you change the source, playback also stops (without ejecting the disc).  
Next time you select “CD” for the playback source, disc play starts from where it has been stopped previously.

### **Ejecting a disc**

- If the ejected disc is not removed within 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust.

### **General settings—PSM**

- When the HD Radio broadcast is used for adjusting the built-in clock, it may not be adjusted correctly.
- If you change the “AMP GAIN” setting from “HIGH POWER” to “LOW POWER” while the volume level is set higher than “VOLUME 30,” the unit automatically changes the volume level to “VOLUME 30.”

### **Bluetooth operations**

#### **General**

- While driving, do not perform complicated operation such as dialling the numbers, using phone book, etc. When you perform these operations, stop your car in a safe place.
- Some Bluetooth devices may not be connected to this unit depending on the Bluetooth version of the device.
- This unit may not work for some Bluetooth devices.
- Connecting condition may vary depending on circumstances around you.
- When the unit is turned off, the device is disconnected.

#### **Warning messages for Bluetooth operations**

<b>ERROR CNNECT (connect):</b>	The device is registered but the connection has failed. Use “CONNECT” to connect the device again (see page 20).
<b>ERROR:</b>	Try the operation again. If “ERROR” appears again, check if the device supports the function you have tried.
<b>UNFOUND:</b>	No available Bluetooth device is detected by “SEARCH.”
<b>LOADING:</b>	The unit is updating the phone book and/or Text Message.
<b>PLEASE WAIT:</b>	The unit is preparing to use the Bluetooth function. If the message does not disappear, turn off and turn on the unit, then connect the device again (or reset the unit).
<b>RESET 8:</b>	Check the connection between the adapter and this unit.

## Satellite radio operations

- You can also connect the JVC SIRIUS PnP (Plug and Play), using the SIRIUS radio adapter, KS-U100K (not supplied) to the CD changer jack on the rear.  
By turning on/off the power of the unit, you can turn on/off the JVC SIRIUS PnP. However, you cannot control it from this unit.
- To know more about SIRIUS Satellite radio or to sign up, visit <<http://www.sirius.com>>.
- For the latest channel listings and programming information, or to sign up for XM Satellite radio, visit <<http://www.xmradio.com>>.

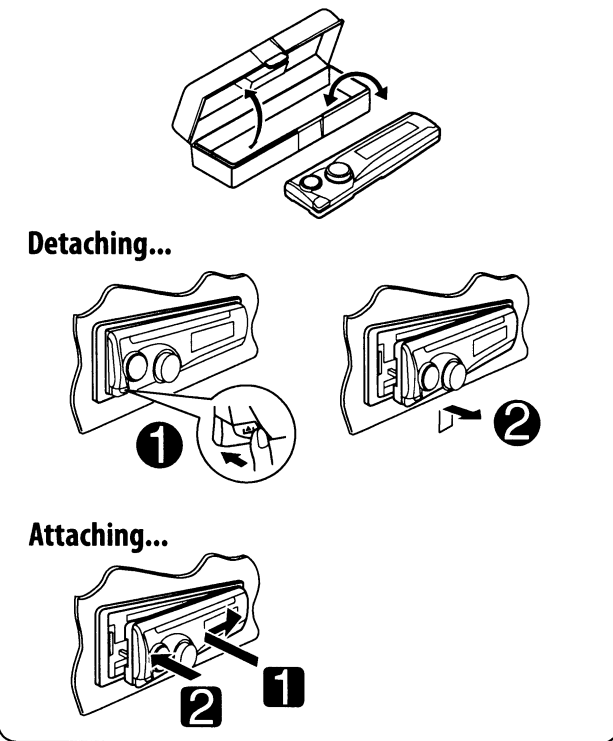
## iPod operations

- You can control the following types of iPods through the interface adapter.
  - iPod with dock connector (3rd Generation)
  - iPod with Click Wheel (4th Generation)
  - iPod mini
  - iPod photo
  - iPod nano\*<sup>1</sup>
  - iPod video (5th Generation)\*<sup>2</sup>
- \*<sup>1</sup> When you connect the iPod nano to the interface adapter, be sure to disconnect the headphones; otherwise, no sound is heard.
- \*<sup>2</sup> It is not possible to browse video files on the "Videos" menu while the iPod is connected to the interface adapter.
- If the iPod does not play correctly, please update your iPod software to the latest version. For details about updating your iPod, visit <<http://www.apple.com>>.
- When you turn on this unit, the iPod is charged through this unit.
- While the iPod is connected to this unit, all operations from the iPod is 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.
  - Depends on the condition of communication between the iPod and the unit.
- If the text information includes more than 11 characters, it scrolls on the display (see also page 18). This unit can display up to 40 characters.

### Notice:

When connecting an iPod, some operations may not be performed correctly or as intended. In this case, visit the following JVC web site:  
<<http://www.jvc.co.jp/english/car/support/ks-pd100/index.html>>

### How to detach/attach the control panel

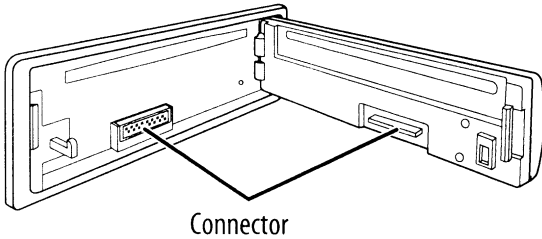


- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- HD Radio™ Technology Manufactured Under License From iBiquity Digital Corp. U.S. and Foreign Patents. HD Radio™ and the HD Radio logo are proprietary trademarks of iBiquity Digital Corp.
- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Victor Company of Japan, Limited (JVC) is under license. Other trademarks and trade names are those of their respective owners.
- CS Automotive, SRS and (●) symbol are trademarks of SRS Labs, Inc.  
CS Automotive technology is incorporated under license from SRS Labs, Inc.

# 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 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 disc and leave the unit turned on for a few hours until the moisture evaporates.

## How to handle discs

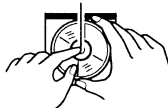
**When removing a disc from its case**, press down the center holder of the case and lift the disc out, holding it by the edges.

- 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.

Center holder



## 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, benzine, 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 unit may reject the disc. To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.



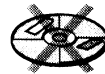
### Do not use the following discs:



Single CD—8 cm (3-3/16") disc



Warped disc



Sticker and sticker residue



Stick-on label



Unusual shape



C-thru Disc (semi-transparent disc)



Transparent or semi-transparent parts on its recording area

# Troubleshooting

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

	Symptoms	Remedies/Causes
General	<ul style="list-style-type: none"> <li>• Sound cannot be heard from the speakers.</li> </ul>	<ul style="list-style-type: none"> <li>• Adjust the volume to the optimum level.</li> <li>• Check the cords and connections.</li> </ul>
	<ul style="list-style-type: none"> <li>• The unit does not work at all.</li> </ul>	Reset the unit (see page 2).
	<ul style="list-style-type: none"> <li>• The built-in clock is inaccurate.</li> </ul>	The clock data provided via the HD Radio broadcast may be wrong. Set "CLOCK ADJ" to "OFF" (see page 17).
FM/AM	<ul style="list-style-type: none"> <li>• SSM automatic presetting does not work.</li> </ul>	Store stations manually.
	<ul style="list-style-type: none"> <li>• Static noise while listening to the radio.</li> </ul>	Connect the antenna firmly.
	<ul style="list-style-type: none"> <li>• Sound quality changes when tuning in to HD Radio broadcasting.</li> </ul>	Fix the reception mode to either "DIGITAL" or "ANALOG" (see page 9.)
	<ul style="list-style-type: none"> <li>• No sound comes out while listening to the radio.</li> </ul>	<ul style="list-style-type: none"> <li>• "ANALOG" is selected when tuning in to all digital broadcasting of HD Radio station. Select "DIGITAL" or "AUTO" (see page 9.)</li> <li>• "DIGITAL" is selected when receiving weak digital signals or tuning in to conventional radio broadcasting. Select "ANALOG" or "AUTO" (see page 9.)</li> </ul>
Disc playback	<ul style="list-style-type: none"> <li>• Disc cannot be played back.</li> </ul>	Insert the disc correctly.
	<ul style="list-style-type: none"> <li>• CD-R/CD-RW cannot be played back.</li> <li>• Tracks on the CD-R/CD-RW cannot be skipped.</li> </ul>	<ul style="list-style-type: none"> <li>• Insert a finalized CD-R/CD-RW.</li> <li>• Finalize the CD-R/CD-RW with the component which you used for recording.</li> </ul>
	<ul style="list-style-type: none"> <li>• Disc can be neither played back nor ejected.</li> </ul>	<ul style="list-style-type: none"> <li>• Unlock the disc (see page 12).</li> <li>• Eject the disc forcibly (see page 2).</li> </ul>
	<ul style="list-style-type: none"> <li>• Disc sound is sometimes interrupted.</li> </ul>	<ul style="list-style-type: none"> <li>• Stop playback while driving on rough roads.</li> <li>• Change the disc.</li> <li>• Check the cords and connections.</li> </ul>
	<ul style="list-style-type: none"> <li>• "NO DISC" appears on the display.</li> </ul>	Insert a playable disc into the loading slot.



	Symptoms	Remedies/Causes
MP3/WMA playback	<ul style="list-style-type: none"> <li>• Disc cannot be played back.</li> </ul>	<ul style="list-style-type: none"> <li>• Use a disc with MP3/WMA tracks recorded in the format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet.</li> <li>• Add the extension code &lt;.mp3&gt; or &lt;.wma&gt; to the file names.</li> </ul>
	<ul style="list-style-type: none"> <li>• Noise is generated.</li> </ul>	<p>Skip to another track or change the disc. (Do not add the extension code &lt;.mp3&gt; or &lt;.wma&gt; to non-MP3 or WMA tracks.)</p>
	<ul style="list-style-type: none"> <li>• A longer readout time is required ("READING" keeps flashing on the display).</li> </ul>	<p>Do not use too many hierarchies and folders.</p>
	<ul style="list-style-type: none"> <li>• Tracks do not play back in the order you have intended them to play.</li> </ul>	<p>Playback order is determined when the files are recorded.</p>
	<ul style="list-style-type: none"> <li>• Elapsed playing time is not correct.</li> </ul>	<p>This sometimes occurs during play. This is caused by how the tracks are recorded on the disc.</p>
	<ul style="list-style-type: none"> <li>• "NO FILES" appears on the display.</li> </ul>	<p>Insert a disc that contains MP3/WMA tracks.</p>
	<ul style="list-style-type: none"> <li>• Correct characters are not displayed (e.g. album name).</li> </ul>	<p>This unit can only display alphabets (upper case), numbers, and a limited number of symbols.</p>
CD changer	<ul style="list-style-type: none"> <li>• "NO DISC" appears on the display.</li> </ul>	<p>Insert a disc into the magazine.</p>
	<ul style="list-style-type: none"> <li>• "NO MAGAZINE" appears on the display.</li> </ul>	<p>Insert the magazine.</p>
	<ul style="list-style-type: none"> <li>• "RESET 8" appears on the display.</li> </ul>	<p>Connect this unit and the CD changer correctly and press the reset button of the CD changer.</p>
	<ul style="list-style-type: none"> <li>• "RESET 1" – "RESET 7" appears on the display.</li> </ul>	<p>Press the reset button of the CD changer.</p>
	<ul style="list-style-type: none"> <li>• The CD changer does not work at all.</li> </ul>	<p>Reset the unit (see page 2).</p>
Bluetooth	<ul style="list-style-type: none"> <li>• Bluetooth device does not detect the unit.</li> </ul>	<p>The unit can be connected with one Bluetooth cellular phone and one Bluetooth audio player at a time. While connecting a device, the unit cannot be detected from another device. Disconnect currently connected device and search again.</p>
	<ul style="list-style-type: none"> <li>• The unit does not detect the Bluetooth device.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the Bluetooth setting of the device.</li> <li>• Search from the Bluetooth device. After the device detects the unit, select "OPEN" on the unit to connect the device (see page 19).</li> </ul>
	<ul style="list-style-type: none"> <li>• The unit does not make pairing with the Bluetooth device.</li> </ul>	<ul style="list-style-type: none"> <li>• Enter the same PIN code into both the unit and the target device. If the PIN code of the device is not indicated on its instructions, try "0000" or "1234."</li> <li>• Select the device name from "SPECIAL," then try to connect again (see page 20).</li> </ul>



	Symptoms	Remedies/Causes
Bluetooth	<ul style="list-style-type: none"> <li>Echo or noise occurs.</li> </ul>	Adjust the microphone unit position.
	<ul style="list-style-type: none"> <li>Phone sound quality is poor.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce the distance between the unit and the Bluetooth cellular phone.</li> <li>Move the car to place where you can get a better signal reception.</li> </ul>
	<ul style="list-style-type: none"> <li>The sound is interrupted or skipped during playback of a Bluetooth audio player.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce the distance between the unit and the Bluetooth audio player.</li> <li>Disconnect the player connected for "BT-AUDIO."</li> <li>Turn off, then turn on the unit.</li> <li>(When the sound is not yet restored,) connect the player again.</li> </ul>
	<ul style="list-style-type: none"> <li>"NEW DEVICE" cannot be selected for "BT-AUDIO."</li> </ul>	Bluetooth audio player is being connected. To select "NEW DEVICE," disconnect it (see page 20).
	<ul style="list-style-type: none"> <li>The connected audio player cannot be controlled.</li> </ul>	Check whether the connected audio device supports AVRCP (Audio Video Remote Control Profile).
Satellite radio	<ul style="list-style-type: none"> <li>"CALL 1-888-539-SIRIUS TO SUBSCRIBE" scrolls on the display while listening to the SIRIUS Satellite radio.</li> </ul>	Starts subscribing SIRIUS Satellite radio (see page 25).
	<ul style="list-style-type: none"> <li>No sound can be heard. "UPDATING" appears on the display.</li> </ul>	The unit is updating the channel information and it takes a few minutes to complete.
	<ul style="list-style-type: none"> <li>"NO SIGNAL" appears on the display.</li> </ul>	Move to an area where signals are stronger.
	<ul style="list-style-type: none"> <li>"NO ANTENNA" appears on the display.</li> </ul>	Connect the antenna firmly.
	<ul style="list-style-type: none"> <li>"NO CHANNEL" appears on the display for about 5 seconds, then returns to the previous display while listening to the SIRIUS Satellite radio.</li> </ul>	<p>No broadcast on the selected channel.</p> <p>Select another channel or continue listening to the previous channel.</p>
	<ul style="list-style-type: none"> <li>"NO (information)*" scrolls on the display while listening to the SIRIUS Satellite radio.</li> <li>"---" appears on the display while listening to the XM Satellite radio.</li> </ul>	No text information for the selected channel.

\* NO CATEGORY, NO ARTIST, NO COMPOSER, and NO SONG/PROGRAM

Continued on the next page

	Symptoms	Remedies/Causes
Satellite radio	<ul style="list-style-type: none"> <li>• "CH---" appears on the display for about 2 seconds, then returns to the previous channel while listening to the XM Satellite radio.</li> </ul>	Selected channel is no longer available or is unauthorized. Select another channel or continue listening to the previous channel.
	<ul style="list-style-type: none"> <li>• "OFF AIR" appears on the display while listening to the XM Satellite radio.</li> </ul>	Selected channel is not broadcasting at this time. Select another channel or continue listening to the previous channel.
	<ul style="list-style-type: none"> <li>• "LOADING" appears on the display while listening to the XM Satellite radio.</li> </ul>	The unit is loading the channel information and audio. Text information are temporarily unavailable.
	<ul style="list-style-type: none"> <li>• "RESET 8" appears on the display.</li> <li>• Satellite radio does not work at all.</li> </ul>	Reconnect this unit and the satellite radio correctly, then reset the unit.
iPod playback	<ul style="list-style-type: none"> <li>• The iPod does not turn on or does not work.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the connecting cable and its connection.</li> <li>• Update the firmware version.</li> <li>• Change the battery.</li> </ul>
	<ul style="list-style-type: none"> <li>• Buttons do not work as intended.</li> </ul>	The functions of the buttons have been changed. Press the M MODE button before performing the operation.
	<ul style="list-style-type: none"> <li>• The sound is distorted.</li> </ul>	Deactivate the equalizer either on the unit or the iPod.
	<ul style="list-style-type: none"> <li>• "NO IPOD" appears on the display.</li> </ul>	Check the connecting cable and its connection.
	<ul style="list-style-type: none"> <li>• Playback stops.</li> </ul>	The headphones are disconnected during playback. Restart the playback operation using the control panel (see page 28).
	<ul style="list-style-type: none"> <li>• "NO FILES" appears on the display.</li> </ul>	No tracks are stored. Import tracks to the iPod.
	<ul style="list-style-type: none"> <li>• "RESET 1" – "RESET 7" appears on the display.</li> </ul>	Disconnect the adapter from both the unit and iPod. Then, connect it again.
	<ul style="list-style-type: none"> <li>• "RESET 8" appears on the display.</li> </ul>	Check the connection between the adapter and this unit.
	<ul style="list-style-type: none"> <li>• The iPod's controls do not work after disconnecting from this unit.</li> </ul>	Reset the iPod.

# Specifications

## AUDIO AMPLIFIER SECTION

Power Output:  
20 W RMS × 4 Channels at 4 Ω and  
≤ 1% THD+N  
Signal to Noise Ratio:  
80 dBA (reference: 1 W into 4 Ω)



SRS Circle Surround Auto™ Compatible\*  
Load Impedance: 4 Ω (4 Ω to 8 Ω allowance)  
Equalizer Control Range:  
60 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz, 15 kHz  
Level: ±10 dB  
Frequency Response: 40 Hz to 20 000 Hz  
Line-Out Level/Impedance:  
KD-AHD39: 5 V / 20 kΩ load (full scale)  
KD-HDR30: 2.5 V / 20 kΩ load (full scale)  
Output Impedance: 1 kΩ  
Subwoofer-Out Level/Impedance:  
KD-AHD39: 5 V / 20 kΩ load (full scale)  
KD-HDR30: 2.5 V / 20 kΩ load (full scale)  
Other Terminal: CD changer  
AUX input  
OE remote input (Steering wheel remote input)\*

## TUNER SECTION

HD Radio System Compatible  
Frequency Range:  
FM: 87.5 MHz to 107.9 MHz  
(with channel interval set to 100 kHz or 200 kHz)  
87.5 MHz to 108.0 MHz  
(with channel interval set to 50 kHz)  
AM: 530 kHz to 1 710 kHz  
(with channel interval set to 10 kHz)  
531 kHz to 1 602 kHz  
(with channel interval set to 9 kHz)

### [FM Tuner]

Usable Sensitivity: 9.3 dBf (0.8 μV/75 Ω)  
50 dB Quieting Sensitivity: 14.3 dBf (1.4 μV/75 Ω)  
Alternate Channel Selectivity (400 kHz): 65 dB  
Frequency Response:  
HD Radio broadcast: 20 Hz to 20 000 Hz  
Conventional broadcast: 40 Hz to 15 000 Hz  
Stereo Separation:  
HD Radio broadcast: 70 dB  
Conventional broadcast: 40 dB  
Capture Ratio: 2.5 dB

### [AM Tuner]

Sensitivity: 20 μV  
Selectivity: 80 dB  
Frequency Response: 40 Hz to 15 000 Hz  
(HD Radio broadcast)  
Stereo Separation: 70 dB (HD Radio broadcast)

## 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 Hz to 20 000 Hz  
Dynamic Range: 96 dB  
Signal-to-Noise Ratio: 98 dB  
Wow and Flutter: Less than measurable limit  
MP3 Decoding Format: MPEG1/2 Audio Layer 3  
Max. Bit Rate: 320 kbps  
WMA (Windows Media® Audio) Decoding Format:  
Max. Bit Rate: 192 kbps

## GENERAL

Power Requirements:  
Operating Voltage: DC 14.4V (11 V to 16 V allowance)  
Grounding System: Negative ground  
Allowable Operating Temperature:  
0°C to +40°C (32°F to 104°F)  
Dimensions (W × H × D):  
Installation Size (approx.): 182 mm × 52 mm × 159.5 mm  
(7-3/16" × 2-1/16" × 6-5/16")  
Panel Size (approx.): 188 mm × 58 mm × 5 mm  
(7-7/16" × 2-5/16" × 1/4")  
Mass (approx.): 1.3 kg (2.9 lbs) (excluding accessories)

\* Only for KD-AHD39

*Design and specifications are 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 your unit**

**Still having trouble??**

**USA ONLY**

**Call 1-800-252-5722**

**<http://www.jvc.com>**

**We can help you!**

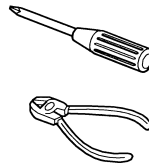
**JVC**



EN, SP, FR

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1107KMMMDWJEIN



LVT1775-002A  
[J]

1107KMMMDWJEIN  
EN, SP, FR

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#### ENGLISH

This unit is designed to operate on **12 V DC, NEGATIVE ground electrical systems**. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC car audio dealers.

#### WARNINGS

To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit.

- **Be sure to ground this unit to the car's chassis again after installation.**

#### Notes:

- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
- It is recommended to connect speakers with a maximum power of more than 50 W (both at the rear and at the front, with an impedance of **4 Ω to 8 Ω**). If the maximum power is less than 50 W, change "AMP GAIN" setting to prevent the speakers from being damaged (see page 18 of the INSTRUCTIONS).
- To prevent short circuits, cover the terminals of the UNUSED leads with insulating tape.
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.



Heat sink  
Sumidero térmico  
Dissipateur de chaleur

#### ESPAÑOL

Esta unidad está diseñada para funcionar con **12 V de CC, con sistemas eléctricos de masa NEGATIVA**. Si su vehículo no posee este sistema, será necesario un inversor de tensión, que puede ser adquirido en los concesionarios de JVC de equipos de audio para automóviles.

#### ADVERTENCIAS

Para evitar cortocircuitos, recomendamos que desconecte el terminal negativo de la batería y que efectúe todas las conexiones eléctricas antes de instalar la unidad.

- **Asegúrese de volver a conectar a masa esta unidad al chasis del automóvil después de la instalación.**

#### Notas:

- Reemplace el fusible por uno con la corriente especificada. Si el fusible se quemase frecuentemente consulte con su concesionario de JVC de equipos de audio para automóviles.
- Se recomienda conectar los altavoces con una potencia máxima de más de 50 W (tanto atrás como adelante, con una impedancia de **4 Ω a 8 Ω**). Si la potencia máxima es de menos de 50 W, cambie "AMP GAIN" para evitar daños en los altavoces (consulte la página 18 del MANUAL DE INSTRUCCIONES).
- Para evitar cortocircuitos, cubra los cables NO UTILIZADOS con cinta aislante.
- El sumidero térmico estará muy caliente después del uso. Asegúrese de no tocarlo al desmontar esta unidad.

#### FRANÇAIS

Cet appareil est conçu pour fonctionner sur des sources de courant continu de **12 V à masse NEGATIVE**. Si votre véhicule n'offre pas ce type d'alimentation, il vous faut un convertisseur de tension, que vous pouvez acheter chez un revendeur d'autoradios JVC.

#### AVERTISSEMENTS

Pour éviter tout court-circuit, nous vous recommandons de débrancher la borne négative de la batterie et d'effectuer tous les raccordements électriques avant d'installer l'appareil.

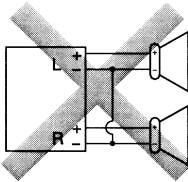
- **Assurez-vous de raccorder de nouveau la mise à la masse de cet appareil au châssis de la voiture après l'installation.**

#### Remarques:

- Remplacer le fusible par un de la valeur précisée. Si le fusible saute souvent, consulter votre revendeur d'autoradios JVC.
- Il est recommandé de connecter des enceintes avec une puissance de plus de 50 W (les enceintes arrière et les enceintes avant, avec une impédance comprise entre **4 Ω et 8 Ω**). Si la puissance maximum est inférieure à 50 W, changez "AMP GAIN" pour éviter d'endommager vos enceintes (voir page 18 du MANUEL D'INSTRUCTIONS).
- Pour éviter les court-circuits, couvrir les bornes des fils qui ne sont PAS UTILISÉS avec de la bande isolante.
- Le dissipateur de chaleur devient très chaud après usage. Faire attention de ne pas le toucher en retirant cet appareil.

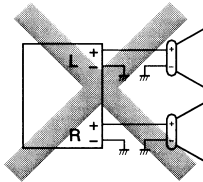
#### PRECAUTIONS on power supply and speaker connections:

- **DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.**
- BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.



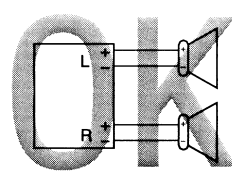
#### PRECAUCIONES sobre las conexiones de la fuente de alimentación y de los altavoces:

- **NO conecte los conductores de altavoz del cable de alimentación a la batería de automóvil, pues podrían producirse graves daños en la unidad.**
- ANTES de conectar a los altavoces los conductores del cable de alimentación, verifique el conexionado de altavoz de su automóvil.



#### PRECAUTIONS sur l'alimentation et la connexion des enceintes:

- **NE CONNECTEZ PAS les fils d'enceintes du cordon d'alimentation à la batterie; sinon, l'appareil serait sérieusement endommagé.**
- AVANT de connecter les fils d'enceintes du cordon d'alimentation aux enceintes, vérifiez le câblage des enceintes de votre voiture.



#### Parts list for installation and connection

The following parts are provided for this unit. If any item is missing, consult your JVC car audio dealer immediately.

#### Lista de piezas para instalación y conexión

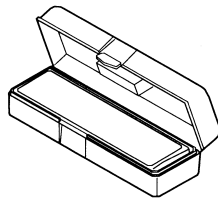
Con esta unidad se suministran las siguientes piezas. Si hay algún elemento faltante, consulte inmediatamente con su concesionario de JVC de equipos de audio para automóviles.

#### Liste des pièces pour l'installation et raccordement

Les pièces suivantes sont fournies avec cet appareil. Si quelque chose manque, consultez votre revendeur autoradio JVC immédiatement.

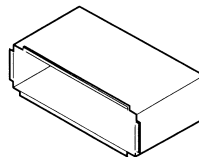
A / B

Hard case/Control panel  
Estuche duro/Panel de control  
Etuie de transport/Panneau de commande



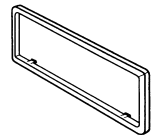
C

Sleeve  
Cubierta  
Manchon



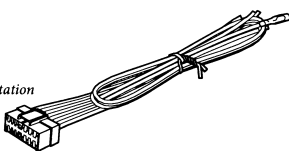
D

Trim plate  
Placa de guarnición  
Plaque d'assemblage



E

Power cord  
Cordón de alimentación  
Cordon d'alimentation



F

Washer (ø5)  
Arandela (ø5)  
Rondelle (ø5)



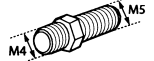
G

Lock nut (M5)  
Tuerca de seguridad (M5)  
Ecrou d'arrêt (M5)



H

Mounting bolt—M4 × 5 mm (M4 × 1/4");  
M5 × 12.5 mm (M5 × 1/2")  
Perno de montaje—M4 × 5 mm (M4 × 1/4 pulgada);  
M5 × 12.5 mm (M5 × 1/2 pulgada)  
Boulon de montage—M4 × 5 mm (M4 × 1/4 pouces);  
M5 × 12.5 mm (M5 × 1/2 pouces)



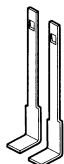
I

Rubber cushion  
Cojín de goma  
Amortisseur en caoutchouc



J

Handles  
Manijas  
Poignées



K

Remote controller  
Control remoto  
Télécommande



RM-RK50

L

Battery  
Pila  
Pile

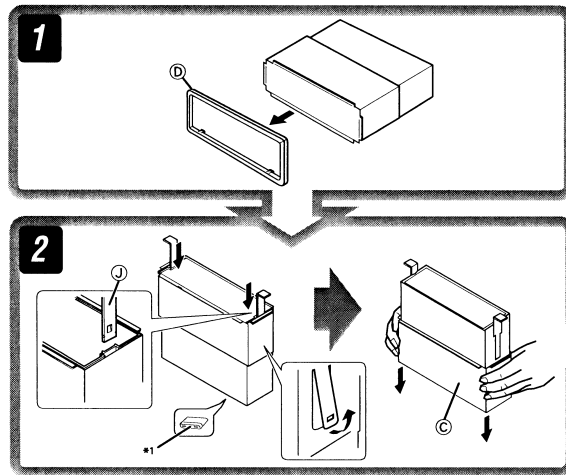


CR2025

## INSTALLATION (IN-DASH MOUNTING)

The following illustration shows a typical installation. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.

- If you are not sure how to install this unit correctly, have it installed by a qualified technician.



- \*1 When you stand the unit, be careful not to damage the fuse on the rear.
- \*1 Al poner la unidad vertical, tenga cuidado de no dañar el fusible provisto en la parte posterior.
- \*1 Lorsque vous mettez l'appareil à la verticale, faire attention de ne pas endommager le fusible situé sur l'arrière.

## INSTALACION (MONTAJE EN EL TABLERO DE INSTRUMENTOS)

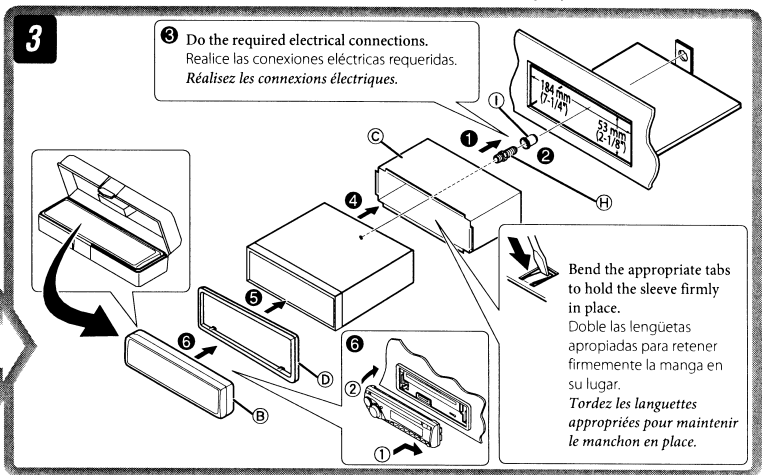
La siguiente ilustración muestra una instalación típica. Si tiene alguna pregunta o necesita información acerca de las herramientas para instalación, consulte con su concesionario de JVC de equipos de audio para automóviles o a una compañía que suministra tales herramientas.

- Si usted no está seguro de cómo instalar correctamente la unidad, hágala instalar por un técnico cualificado.

## INSTALLATION (MONTAGE DANS LE TABLEAU DE BORD)

L'illustration suivante est un exemple d'installation typique. Si vous avez des questions ou avez besoin d'information sur des kits d'installation, consultez votre revendeur d'autoradios JVC ou une compagnie d'approvisionnement.

- Si l'on n'est pas sûr de pouvoir installer correctement cet appareil, le faire installer par un technicien qualifié.



### Removing the unit

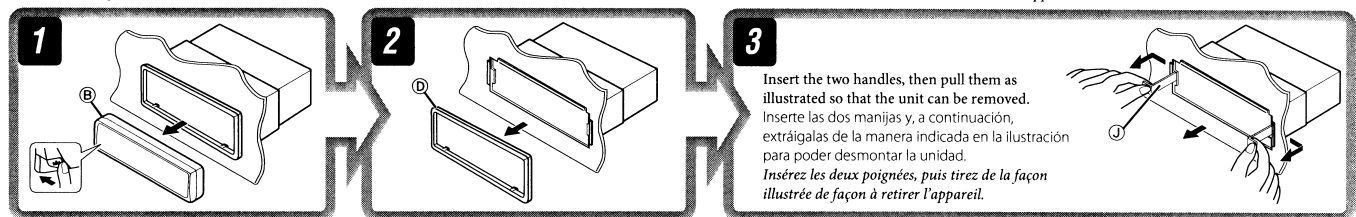
Before removing the unit, release the rear section.

### Extracción de la unidad

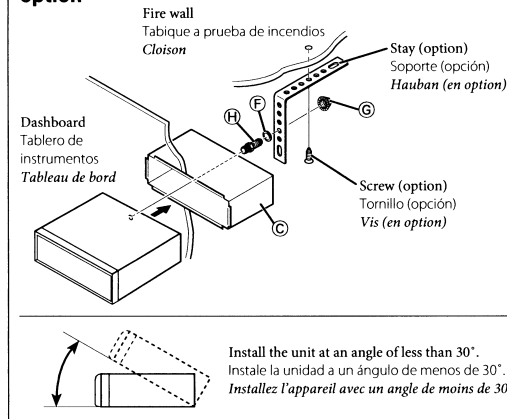
Antes de extraer la unidad, libere la sección trasera.

### Retrait de l'appareil

Avant de retirer l'appareil, libérer la section arrière.

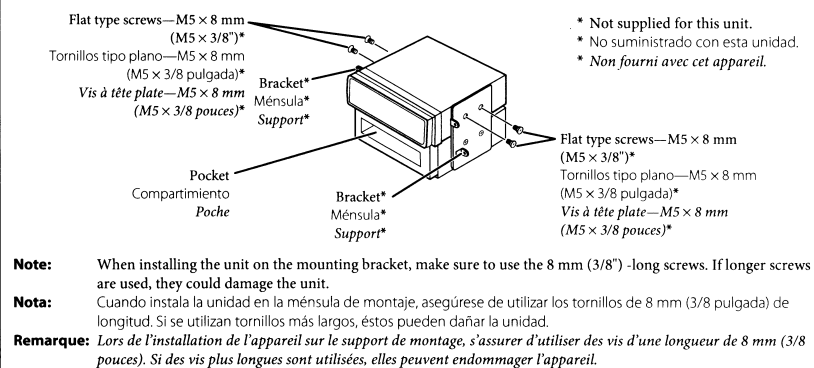


### When using the optional stay / Cuando emplea un soporte opcional / Lors de l'utilisation du hauban en option



### When installing the unit without using the sleeve / Instalación de la unidad sin utilizar la cubierta / Lors de l'installation de l'appareil sans utiliser de manchon

In a Toyota car for example, first remove the car radio and install the unit in its place.  
En un automóvil Toyota, por ejemplo, en primer lugar desmonte el autorradio e instale la unidad en su lugar.  
Dans une voiture Toyota, par exemple, retirez d'abord l'autoradio et installez l'appareil à sa place.



## TROUBLESHOOTING

- **The fuse blows.**
  - \* Are the red and black leads connected correctly?
- **Power cannot be turned on.**
  - \* Is the yellow lead connected?
- **No sound comes out from the speakers.**
  - \* Is the speaker output lead short-circuited?
- **Sound is distorted.**
  - \* Is the speaker output lead grounded?
  - \* Are the "-" terminals of L and R speakers grounded in common?
- **Noise interferes with sounds.**
  - \* Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
- **Unit becomes hot.**
  - \* Is the speaker output lead grounded?
  - \* Are the "-" terminals of L and R speakers grounded in common?
- **This unit does not work at all.**
  - \* Have you reset your unit?

## LOCALIZACION DE AVERIAS

- **El fusible se quema.**
  - \* ¿Están los conductores rojo y negro correctamente conectados?
- **No es posible conectar la alimentación.**
  - \* ¿Está el cable amarillo conectado?
- **No sale sonido de los altavoces.**
  - \* ¿Está el cable de salida del altavoz cortocircuitado?
- **El sonido presenta distorsión.**
  - \* ¿Está el cable de salida del altavoz conectado a masa?
  - \* ¿Están los terminales "-" de los altavoces L y R conectados a una masa común?
- **Perturbación de ruido.**
  - \* ¿El terminal de tierra trasero está conectado al chasis del automóvil utilizando los cordones más corto y más grueso?
- **La unidad se calienta.**
  - \* ¿Está el cable de salida del altavoz conectado a masa?
  - \* ¿Están los terminales "-" de los altavoces L y R conectados a una masa común?
- **Este receptor no funciona en absoluto.**
  - \* ¿Reinicializó el receptor?

## EN CAS DE DIFFICULTES

- **Le fusible saute.**
  - \* Les fils rouge et noir sont-ils raccordés correctement?
- **L'appareil ne peut pas être mise sous tension.**
  - \* Le fil jaune est-elle raccordée?
- **Pas de son des enceintes.**
  - \* Le fil de sortie d'enceinte est-il court-circuité?
- **Le son est déformé.**
  - \* Le fil de sortie d'enceinte est-il à la masse?
  - \* Les bornes "-" des enceintes gauche et droit sont-elles mises ensemble à la masse?
- **Interférence avec les sons.**
  - \* La prise arrière de mise à la terre est-elle connectée au châssis de la voiture avec un cordon court et épais?
- **L'appareil devient chaud.**
  - \* Le fil de sortie d'enceinte est-il à la masse?
  - \* Les bornes "-" des enceintes gauche et droit sont-elles mises ensemble à la masse?
- **Cet appareil ne fonctionne pas du tout.**
  - \* Avez-vous réinitialisé votre appareil?



ELECTRICAL CONNECTIONS

Typical connections

**Before connecting:** Check the wiring in the vehicle carefully. Incorrect connection may cause serious damage to this unit. The leads of the power cord and those of the connector from the car body may be different in color.

- 1 Connect the colored leads of the power cord in the order specified in the illustration below.
- 2 Connect the antenna cord.
- 3 Finally connect the wiring harness to the unit.

CONEXIONES ELECTRICAS

Conexiones típicas

**Antes de la conexión:** Verifique atentamente el conexionado del vehículo. Una conexión incorrecta podría producir daños graves en la unidad.

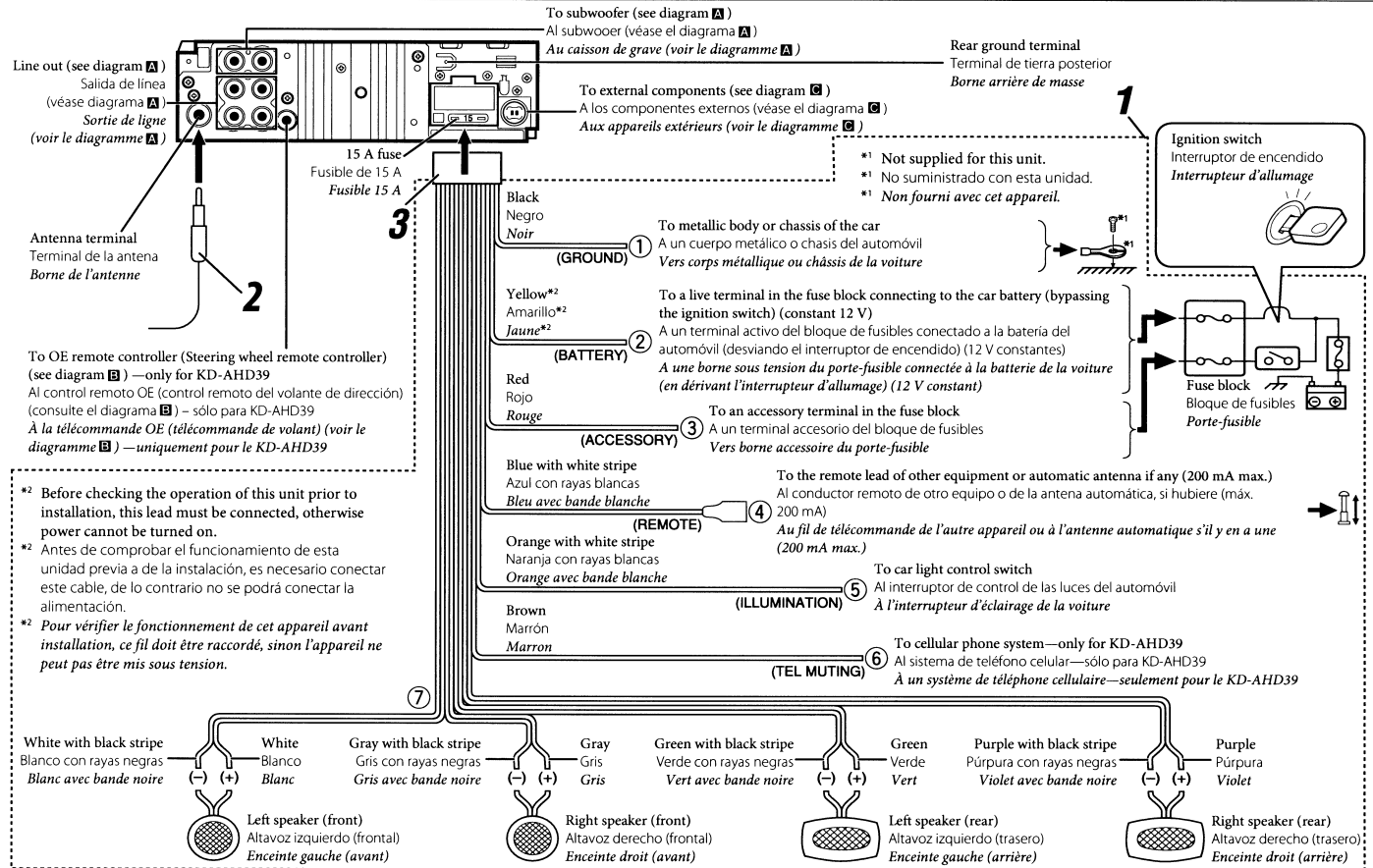
- 1 Conecte los conductores de color del cable de alimentación en el orden especificado en la ilustración de abajo.
- 2 Conecte el cable de antena.
- 3 Por último, conecte el cable de alimentación a la unidad.

RACCORDEMENTS ELECTRIQUES

Raccordements typiques

**Avant de commencer la connexion:** Vérifiez attentivement le câblage du véhicule. Une connexion incorrecte peut endommager sérieusement l'appareil.

- 1 Connectez les fils colorés du cordon d'alimentation dans l'ordre spécifié sur l'illustration ci-dessous.
- 2 Connectez le cordon d'antenne.
- 3 Finalement, connectez le faisceau de fils à l'appareil.



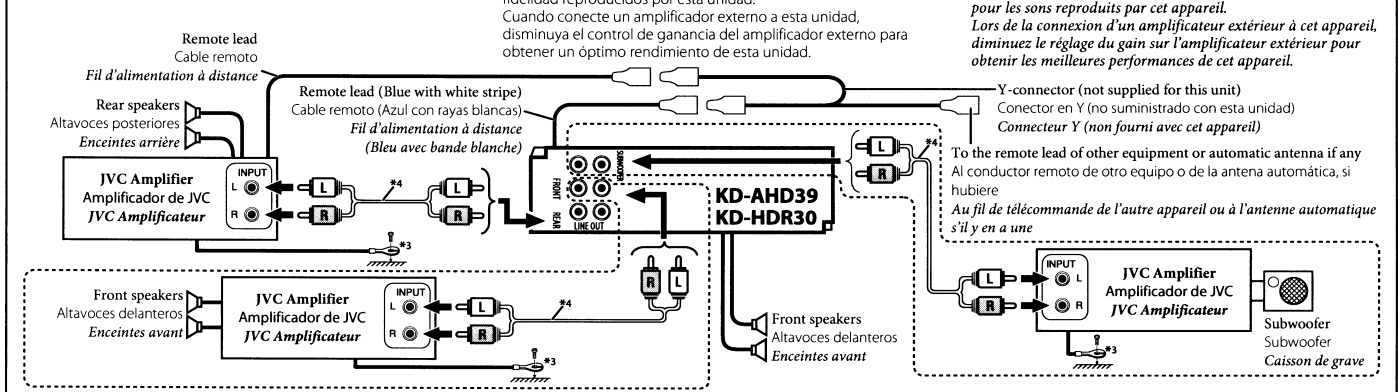
**A Connecting the external amplifiers and/or subwoofer / Conexión de los amplificadores y/o subwoofer externos / Connexion d'amplificateurs extérieurs et/ou d'un caisson de grave**

You can connect amplifiers to upgrade your car stereo system. Usted podrá conectar amplificadores para mejorar el sistema estéreo de su automóvil. Vous pouvez connecter des amplificateurs pour améliorer votre système autoradio.

**For amplifier only:**  
 - Disconnect the speakers from this unit, connect them to the amplifier. Leave the speaker leads of this unit unused.  
 - You can switch off the built-in amplifier and send the audio signals only to the external amplifier(s) to get clear sounds and to prevent internal heat built-up inside the unit. See page 18 of the INSTRUCTIONS (separate volume).  
 - For KD-AHD39: The line output level of this unit is kept high to maintain the hi-fi sounds reproduced from this unit. When connecting an external amplifier to this unit, turn down the gain control on the external amplifier to obtain the best performance from this unit.

**Sólo para el amplificador:**  
 - Desconecte los altavoces de esta unidad y conéctelos al amplificador. Los cables de los altavoces de esta unidad quedan sin usar.  
 - Podrá desconectar el amplificador incorporado y enviar las señales de audio solamente al(los) amplificador(es) externo(s) para obtener sonidos nítidos y evitar que se caliente el interior de la unidad. Véase la página 18 de la MANUAL DE INSTRUCCIONES (volumen separado).  
 - Para KD-AHD39: El nivel de salida de línea de esta unidad permanece alto para que corresponda con los sonidos de alta fidelidad reproducidos por esta unidad. Cuando conecte un amplificador externo a esta unidad, disminuya el control de ganancia del amplificador externo para obtener un óptimo rendimiento de esta unidad.

**Pour l'amplificateur seulement:**  
 - Déconnectez les enceintes de cet appareil et connectez-les à l'amplificateur. Laissez les fils d'enceintes de cet appareil inutilisés.  
 - Vous pouvez désactiver l'amplificateur intégré et envoyer les signaux audio uniquement à un ou plusieurs amplificateurs extérieurs afin d'obtenir un son clair et pour éviter un échauffement interne de l'appareil. Référez-vous à la page 18 du MANUEL D'INSTRUCTIONS (volume séparé).  
 - Pour le KD-AHD39: Le niveau de sortie de ligne de cet appareil est maintenu à un niveau élevé pour maintenir une qualité Hi-Fi pour les sons reproduits par cet appareil. Lors de la connexion d'un amplificateur extérieur à cet appareil, diminuez le réglage du gain sur l'amplificateur extérieur pour obtenir les meilleures performances de cet appareil.



\*3 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.  
 \*3 Fije firmemente el cable de tierra a la carrocería metálica o al chasis—a un lugar no cubierto con pintura (si está cubierto con pintura, quítela antes de fijar el cable). De lo contrario, se podrían producir daños en la unidad.  
 \*3 Attachez solidement le fil de mise à la masse au châssis métallique de la voiture—à un endroit qui n'est pas recouvert de peinture (s'il est recouvert de peinture, enlevez d'abord la peinture avant d'attacher le fil). L'appareil peut être endommagé si cela n'est pas fait correctement.

\*4 Signal cord (not supplied for this unit)  
 \*4 Cable de señal (no suministrado con esta unidad)  
 \*4 Cordon de signal (non fourni avec cet appareil)

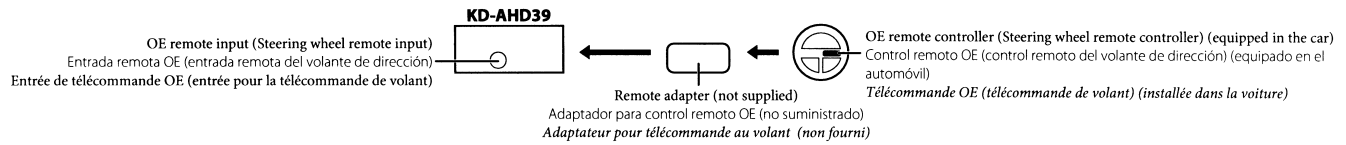


## B Connecting to the OE remote controller (steering wheel remote controller) (only for KD-AHD39) / Conexión del control remoto OE (control remoto del volante de dirección) (sólo para KD-AHD39) / Connexion de la télécommande OE (télécommande de volant) (uniquement pour le KD-AHD39)

If your car is equipped with the OE remote controller (steering wheel remote controller), you can operate this unit using the controller. For connection, an exclusive remote adapter (not supplied) which matches your car is required. For details, consult the same car audio dealer as where the unit is purchased.

Si su automóvil está equipado con control remoto OE (control remoto del volante de dirección), puede operar este receptor por medio de dicho control. Para la conexión, se requiere un adaptador remoto exclusivo (no suministrado) que sea adecuado para su automóvil. Para los detalles, consulte con el concesionario car audio donde compró el receptor.

Si votre voiture est munie d'une télécommande OE (télécommande de volant), vous pouvez commander cet appareil en utilisant cette télécommande. Pour la connexion, un adaptateur de télécommande exclusif (non fourni) correspondant à votre voiture est requis. Pour en savoir plus, consultez le revendeur autoradio auprès duquel vous avez acheté cet autoradio.



## C Connecting the external components / Conexión de los componentes externos / Connexion des appareils extérieurs

When connecting the external components, refer also to the manuals supplied for the components and adapter.

Cuando conecte componentes externos, consulte, también, los manuales suministrados con los componentes y el adaptador.

Lors de la connexion des appareils extérieurs, référez-vous aussi aux manuels fournis avec les appareils et les adaptateurs.

**CAUTION:**  
Before connecting the external components, make sure that the unit is turned off.

**PRECAUCION:**  
Antes de conectar los componentes externos, asegúrese de que la unidad esté apagada.

**PRECAUTION:**  
Avant de connecter les appareils extérieurs, assurez-vous que l'appareil est hors tension.

You can connect a JVC CD changer (CD-CH)—CH-X1500, etc. to the CD changer jack.

Puede conectar un cambiador de CD de JVC (CD-CH)—CH-X1500, etc. al jack del cambiador de CD.

Vous pouvez connecter un changeur de CD JVC (CD-CH)—CH-X1500, etc. à la prise de changeur de CD.

You can also connect the following components through the various JVC adapters.

También puede conectar los siguientes componentes mediante los diversos adaptadores JVC.

Vous pouvez aussi connecter les appareils suivants en utilisant divers adaptateurs JVC.

- Connection cords may need to be purchased separately.

- Puede ser necesario comprar los cables de conexión por separado.

- Vous pouvez avoir besoin d'acheter certains cordons de connexion séparément.

Component	Adapter	Model name
Bluetooth device	Bluetooth adapter	KS-BTA200
iPod	Interface adapter for iPod	KS-PD100
XMDirect™ Universal Tuner Box	Smart Digital Adapter	XMDJVC100
SIRIUS satellite radio	SIRIUS satellite radio interface	KS-SRA100
JVC SIRIUS PnP	SIRIUS radio adapter	KS-U100K
Portable audio player with line output jacks	Line Input Adapter	KS-U57
Portable audio player with 3.5 mm (3/16") stereo mini jack	AUX Input Adapter	KS-U58

Composante	Adaptador	Nombre del modelo
Dispositivo Bluetooth	Adaptador Bluetooth	KS-BTA200
iPod	Adaptador de interfaz para iPod	KS-PD100
Sintonizador universal XMDirect™	Adaptador digital inteligente	XMDJVC100
Radio por satélite SIRIUS	Interfaz para radio por satélite SIRIUS	KS-SRA100
SIRIUS PnP de JVC	Adaptador para radio SIRIUS	KS-U100K
Reproductor de audio portátil con jacks de salida de línea	Adaptador de entrada por línea	KS-U57
Reproductor de audio portátil con jack mini estéreo de 3.5 mm (3/16 pulgada)	Adaptador de entrada AUX	KS-U58

Appareil	Adaptateur	Nom du modèle
Périphérique Bluetooth	Adaptateur Bluetooth	KS-BTA200
iPod	Adaptateur d'interface pour iPod	KS-PD100
Tuner universel XMDirect™	Adaptateur numérique intelligent	XMDJVC100
Radio satellite SIRIUS	Interface pour radio satellite SIRIUS	KS-SRA100
JVC SIRIUS PnP	Adaptateur radio SIRIUS	KS-U100K
Lecteur audio portable avec prises de sortie de ligne	Adaptateur d'entrée de ligne	KS-U57
Lecteur audio portable avec mini fiche stéréo de 3,5 mm (3/16 pouces)	Adaptateur d'entrée auxiliaire	KS-U58

When connecting more than one component (maximum: three), it is recommended that you connect the components in series as explained below.

Cuando conecte más de un componente (máximo: tres), se recomienda que conecte los componentes en serie, como se explica a continuación.

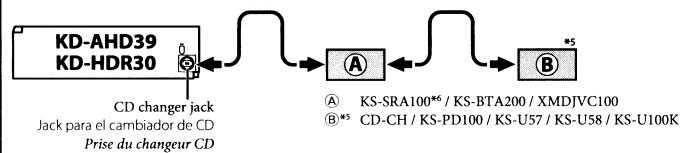
Lors de la connexion de plus d'un appareil (maximum: trois), il est recommandé que vous connectiez les appareils en série comme nous l'expliquons ci-dessous.

- XM Radio and SIRIUS satellite radio cannot be used together.

- No puede utilizar juntas la radio XM y la radio satelital SIRIUS.

- La radio XM et SIRIUS ne peuvent pas être utilisées en même temps.

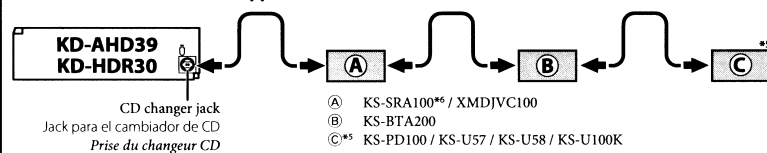
### When connecting two components in series Cuando conecta dos componentes en serie Lors de la connexion de deux appareils en série



\*5 To use these components, set the external input setting correctly (see page 18 of the INSTRUCTIONS).

\*6 Power cannot be supplied to the component through the CD changer jack. You need to connect the power cord supplied for the component separately.

### When connecting three components in series Cuando conecta tres componentes en serie Lors de la connexion de trois appareils en série



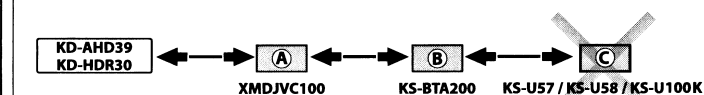
\*5 Para utilizar estos componentes, configure el ajuste de entrada externa correctamente (consulte la página 18 de las INSTRUCCIONES).

\*6 No puede suministrar energía eléctrica al componente a través del jack del cambiador de CD. Es necesario conectar, aparte, el cable de alimentación suministrado con el componente.

It is not recommended to connect KS-U57/KS-U58/KS-U100K at (C) in series with XMDJVC100 and KS-BTA200.

No se recomienda conectar el KS-U57/KS-U58/KS-U100K en (C), en serie con XMDJVC100 y KS-BTA200.

Il n'est pas recommandé de connecter le KS-U57/KS-U58/KS-U100K en série à (C) en avec le XMDJVC100 et le KS-BTA200.



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