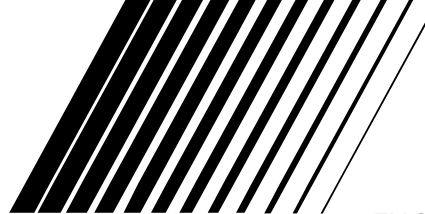


JVC



ENGLISH

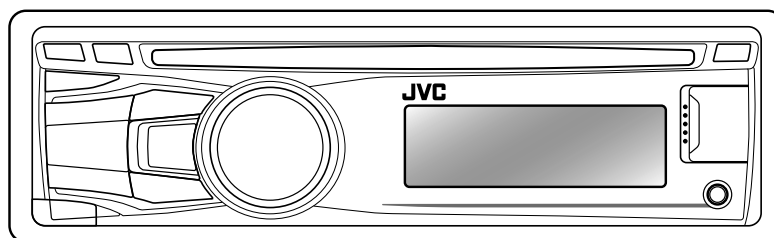
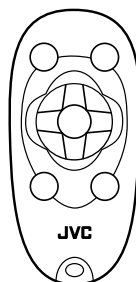
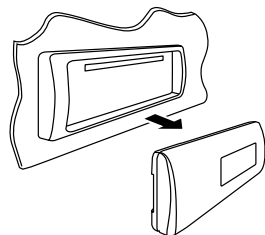
ESPAÑOL

FRANÇAIS



KD-AHD79/KD-HDR70

CD RECEIVER / RECEPTOR CON CD /
RÉCEPTEUR CD



HD Radio®

This HD Radio receiver enables:

PSD

HD2/HD3

Digital Sound

iTunes® Tagging



WMA MP3

Made for



iPod



iPhone

For canceling the display demonstration, see page 4. / Para cancelar la demostración en pantalla, consulte la página 4. / Pour annuler la démonstration des affichages, référez-vous à la page 4.

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

GET0721-001A

[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.

CAUTION VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	ATTENTION RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT, NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	AVISO RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	VARNING SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÅR DENNA DEL ÄR ÖPPNAD. BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	注意 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)	CAUTION VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)
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[European Union only]

Caution:

Adjust the volume so that you can hear sounds outside the car. Driving with the volume too high may cause an accident.

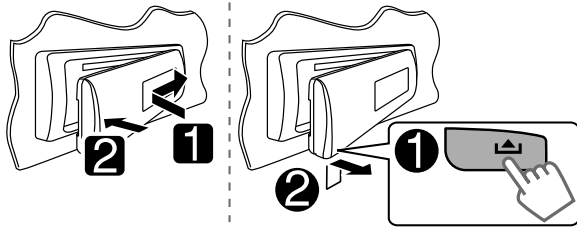
WARNING:

Stop the car before operating the unit.

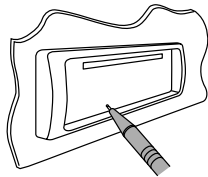
Caution on volume setting:

Digital devices (CD/USB) produce very little noise compared with other sources. Lower the volume before playing these digital sources to avoid damaging the speakers by the sudden increase of the output level.

How to attach/detach the control panel



How to reset your unit



Your preset adjustments will also be erased.

How to forcibly eject a disc



[Hold]

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

Maintenance

Cleaning the unit

Wipe off the dirt on the panel with a dry silicon or soft cloth. Failure to observe this precaution may result in damage to the unit.

Cleaning the connector

Wipe off dirt on the connector of the unit and panel. Use a cotton swab or cloth.

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.

JVC bears no responsibility for any loss of data in an iPod/iPhone and/or USB mass storage class device while using this System.

CONTENTS

3	How to attach/detach the control panel
3	How to reset your unit
3	How to forcibly eject a disc
3	Maintenance
4	Canceling the display demonstration
4	Setting the clock
5	Preparing the remote controller
5	About discs
6	Basic operations
7	Listening to the radio
11	Listening to a disc
12	Connecting the other external components
12	Listening to the other external components
13	Listening to a USB device
14	Listening to an iPod/iPhone
16	Selecting a preset sound mode
16	Menu operations
19	Troubleshooting
22	Using Bluetooth® devices
23	Specifications

Condensation : When the car is air-conditioned, moisture may collect on the laser lens. This may cause disc read errors. In this case, remove the disc and wait for the moisture to evaporate.

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.

Canceling the display demonstration

1 Turn on the power.



4 Select <DEMO OFF>.



2 MENU [Hold]



5



3



6 Finish the procedure.



Setting the clock

1 Turn on the power.



2 MENU [Hold]



3 Select <CLOCK>.



4 Select <CLOCK SET>.



5 Adjust the hour.



6 Adjust the minute.

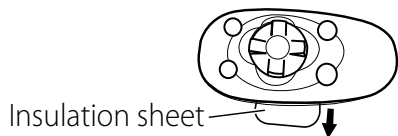


7 Finish the procedure.



Preparing the remote controller

When you use the remote controller for the first time, pull out the insulation sheet.

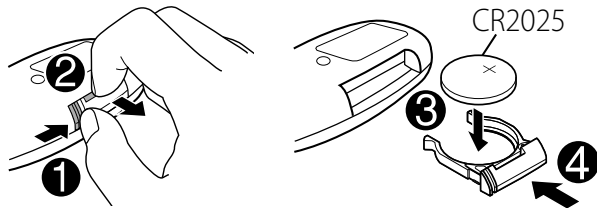


For USA-California Only:

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

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

Replacing the lithium coin battery



This unit is equipped with the steering wheel remote control function.

- For details, refer also to the instructions supplied with the remote adapter.

Caution:

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.

Warning (to prevent accidents and damage):

- Do not install any battery other than CR2025 or its equivalent.
- Do not leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time.
- Store the battery in a place where children cannot reach.
- 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.

About discs

This unit can only play the CDs with:



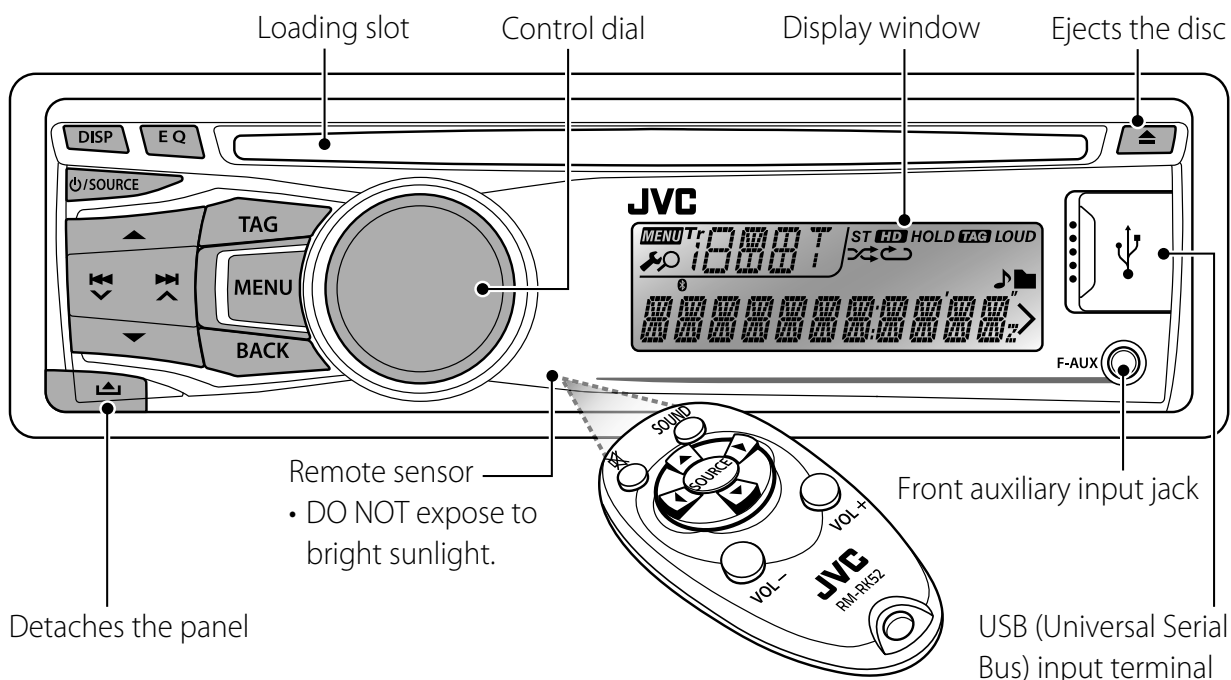
Discs that cannot be used:

- Discs that are not round.
- Discs with coloring on the recording surface or discs that are dirty.
- You cannot play a Recordable/ReWritable disc that has not been finalized. (For the finalization process refer to your disc writing software, and your disc recorder instruction manual.)
- 3-inch CD cannot be used. Attempt to insert using an adapter can cause malfunction.

Handling discs:

- Do not touch the recording surface of the disc.
- Do not stick tape etc. on the disc, or use a disc with tape stuck on it.
- Do not use any accessories for the disc.
- Clean from the center of the disc and move outward.
- Clean the disc with a dry silicon or soft cloth. Do not use any solvents.
- When removing discs from this unit, pull them out horizontally.
- Remove the rims from the center hole and disc edge before inserting a disc.

Basic operations



When you press or hold the following button(s)...

Main unit	Remote controller	General operation
⏻ / SOURCE	—	Turns on/off [Hold].
	SOURCE	Selects the sources (FM, AM, CD, USB or USB-IPOD, F-AUX, BT AUDIO or R-AUX or BT PHONE). • "CD" or "USB" is selectable only when a disc is loaded or a USB device is connected.
Control dial (turn)	VOL - / +	Adjusts the volume level.
	—	Selects items.
Control dial (press)		Mutes the sound during playback. If the source is "CD" or "USB/USB-IPOD*" playback pauses. • Press the button again to cancel muting or resume playback.
	—	Confirms selection.
EQ	SOUND	Selects the sound mode. • Hold the EQ button on the main unit to enter tone level adjustment directly. (page 16)
TAG	—	• Tags the PSD (Program Service Data) from HD Radio broadcast. • Cancels transferring of the tagged PSD to your iPod/iPhone [Hold].
BACK	—	• Selects the controlling terminal of an iPod/iPhone [Hold]. (page 14) • Returns to the previous menu. • Exit from the menu [Hold].
DISP	—	• Changes the display information. • Scrolls the display information [Hold].

* Not applicable under <EXT MODE>.

Listening to the radio

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

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, song titles, and Program Service Data (PSD).

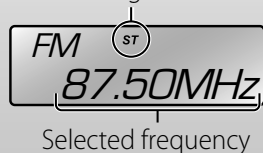
- HD Radio tuners can also tune in to conventional analog broadcasts.
- Many HD Radio stations offer more than one channel of programming. This service is called multicasting.
- By using PSD, you can easily purchase the songs at iTunes Store.
- To find HD Radio stations in your area, visit <<http://www.hdradio.com/>>.



- [Press] Searches for stations/channels automatically.
- [Hold] Searches for stations/channels manually.
"M" flashes, then press the button repeatedly.

Ex.: When receiving a conventional FM station

Lights up when receiving an FM stereo broadcast.



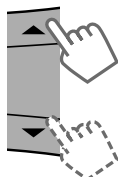
Ex.: When receiving an HD Radio station

Lights up when digital audio is broadcast;
flashes when analog audio is broadcast.



[Press] Selects your desired channel (HD1 to HD8) when receiving HD Radio multicast channels.

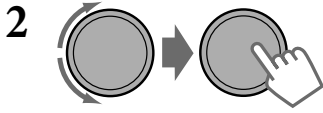
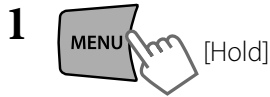
- "LINKING" appears while linking to a multicast channel.



[Hold] Searches for HD Radio stations only.
• "HD" flashes when a station is tuned in, searching stops.



Improving the FM reception



⇒ <TUNER> ⇒ <MONO> ⇒ <MONO ON>
Reception improves, but stereo effect will be lost.

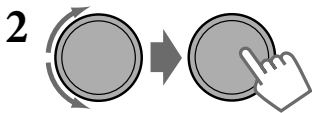
To restore the stereo effect, repeat the same procedure to select <MONO OFF>.

Changing the HD Radio reception mode

While receiving an HD Radio broadcast, you can change the reception mode—digital or analog.

- This setting cannot take effect for the conventional FM/AM stations.

While listening to an HD Radio station...



⇒ <TUNER> ⇒ <BLEND HOLD> ⇒
<ANALOG / DIGITAL / AUTO>

<ANALOG / DIGITAL> : Tuning to digital audio or analog audio only.

- HOLD indicator lights up.

<AUTO> : Switches between digital and analog audio automatically.

- In the case when the radio station forces the reception mode to analog, the HOLD indicator flashes.

The setting automatically returns to <AUTO> when you tune in to another broadcast.

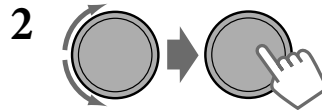
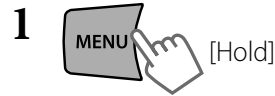
Automatic presetting (FM/AM)

—SSM (Strong-station Sequential Memory)

You can preset up to 18 stations for FM and 6 stations for AM.

- HD Radio multicast channels can also be preset.

While listening to a station/channel...



FM: ⇒ <TUNER> ⇒ <SSM> ⇒
<SSM 01 – 06 / 07 – 12 / 13 – 18>

AM: ⇒ <TUNER> ⇒ <SSM> ⇒
<SSM 01 – 06>

“SSM” flashes and local stations/channels with the strongest signal are searched and stored automatically.

To preset another 6 stations/channels, repeat the above procedure by selecting one of the other SSM setting ranges.

Manual presetting (FM/AM)

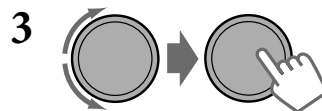
You can preset up to 18 stations for FM and 6 stations for AM.



⇒ Tune in to a station/channel you want to preset.

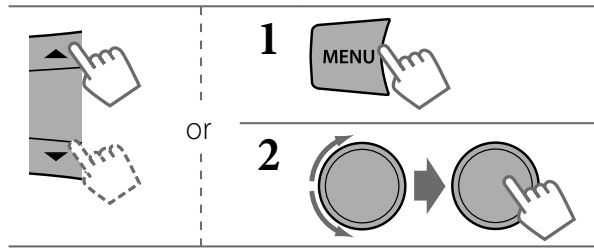


“PRESET MODE” flashes.



⇒ Selects a preset number.
Preset number flashes and “MEMORY” appears.

Selecting a preset station/ channel



Using the remote controller

- ▲/▼ : [Press] Changes the preset stations/
channels.
[Hold] Searches for HD Radio stations
only.
- ◀/▶ : [Press] Searches for stations
automatically.
[Hold] Searches for stations manually.

Changing the display information



Call Sign*1 → Frequency → PTY (Program
Type)*2 → Text*3 → Clock → (back to the
beginning)

*1 *Displayed only when a Call Sign is received.*

*2 *When no program type (PTY) is received,
“HD RADIO” appears for HD Radio broadcasting,
and “ANALOG” appears for conventional FM/AM
broadcasting.*

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

Tagging/purchasing your favorite songs from iTunes Store

Some HD Radio broadcasts provide PSD
(Program Service Data) for a song. You can tag
the song and store its PSD (maximum 60 songs)
while listening to the song.

By using the tagging function, you can easily
purchase the songs from iTunes Store.

Notes on storing tagged PSDs

- When pressing **TAG** within 10 seconds before
or after the PSD changes (while the TAG
indicator flashes), the tags for two songs are
stored.
- You cannot tag a song in the following cases:
 - When the broadcast currently received does
not support the iTunes Tagging or does not
support PSD.
 - When you try to store the 61st PSD.
 - When the song is already tagged.
 - While transferring the tagged PSDs to your
iPod/iPhone is in progress.

You can enjoy iTunes Tagging with the
following types of iPod/iPhone:

- iPod classic, software version 1.0 or later
- iPod nano (3rd Generation), software version
1.0 or later
- iPod nano (4th Generation), software version
1.0 or later
- iPod nano (5th Generation), software version
1.0 or later
- iPod nano (6th Generation), software version
1.1 or later
- iPod touch (1st Generation), software version
2.1 or later
- iPod touch (2nd Generation), software version
2.1 or later
- iPod touch (3rd Generation), software version
3.1 or later
- iPod touch (4th Generation), software version
4.1 or later
- iPhone/iPhone 3G, software version 2.1 or
later
- iPhone 3GS, software version 3.0 or later
- iPhone 4, software version 1.0 or later

Continued...

STEP 1: Tagging the song

While receiving a song with PSD...



Lights up while receiving a song with PSD.



The tagged PSD is stored on the unit.

When an Apple iPod/iPhone is connected (page 14), the tagged PSDs are automatically transferred to the iPod/iPhone. Go to **STEP 3** to purchase the song.

To check the number of tagged songs stored on the unit, press and hold **TAG**.

To delete the tagged songs from the unit

- 1 Press and hold MENU.
- 2 Turn the control dial to select "TAG ALL CLR," then press and hold to confirm.

STEP 2: Transferring the tagged PSD to your iPod/iPhone

Connect the iPod/iPhone to the unit. (page 14)
The source changes to "USB-IPOD," the tagged PSDs are automatically transferred to the iPod/iPhone.

- Your iPod/iPhone must have 50 MB free space, which is required for transferring a tagged PSD.
- You cannot change the source during the transferring process.

While transferring the tagged PSDs, the "TAG" indicator flashes.



Number of PSDs transferred to the iPod/iPhone / Number of PSDs stored on the unit

"COMPLETED" appears when all tagged PSDs are transferred to the iPod/iPhone.

You cannot transfer the tagged PSDs to the iPod/iPhone in the following cases:

- When the connected iPod/iPhone is not compatible with iTunes Tagging.
- When the memory of the iPod/iPhone is full.
- When disconnecting the iPod/iPhone during data transfer.

STEP 3: Purchasing songs from iTunes Store

- iTunes 7.4 or later version is required to purchase the tagged songs.
- For details about iPod/iPhone and iTunes, refer also to the instructions supplied with the iPod/iPhone or visit <<http://www.apple.com>>.

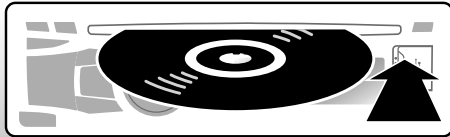
- 1 Connect the iPod/iPhone to the PC.
- 2 Synchronize the iPod/iPhone to the iTunes.

The tagged PSDs are transferred to PC, and iTunes displays the list of the tagged songs. After the data transfer is completed, the stored PSDs are automatically deleted from the iPod/iPhone.

Warning messages for iTunes Tagging

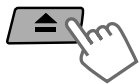
- **MEMORY FULL** : You are trying to store the 61st PSD. Transfer the tagged PSDs to the iPod/iPhone, or clear all tagged PSDs.
- **TAG ALREADY SAVED** : You are trying to tag the song for the 2nd time while receiving one song.
- **NO TAG DATA** : The broadcast currently received does not support the iTunes Tagging or the broadcast does not provide PSD.
- **CAN'T TRANS IPOD FULL** : The memory of the iPod/iPhone is full.
- **UNSUPPORTED DEVICE FOR TAGGING** : The connected iPod/iPhone is not compatible with iTunes Tagging.
- **TRANS ERROR** : The iPod/iPhone is disconnected during data transfer.
- **TRANS OFF** : Data transfer is canceled.

Listening to a disc



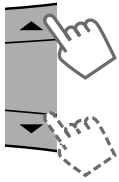
Playback starts automatically.
All tracks will be played repeatedly until you change the source or eject the disc.

Stopping playback and ejecting the disc



If the ejected disc is not removed within 15 seconds, it will automatically reload into the loading slot.

Basic operations



Selects folder of the MP3/WMA.



[Press] Selects track.
[Hold] Fast-forwards or reverses the track.

Using the remote controller

▲/▼ : Selects folder of the MP3/WMA.

◀/▶ : [Press] Selects track.

[Hold] Fast-forwards or reverses the track.

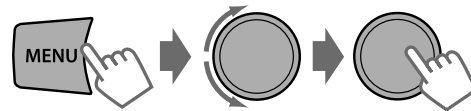
Changing the display information



Disc title/Album name/performer (folder name)* → Track title (file name)* → Current track number with the elapsed playing time → Current track number with the clock time → (back to the beginning)

* "NO NAME" appears for conventional CDs or if not recorded.

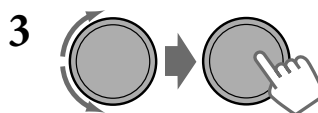
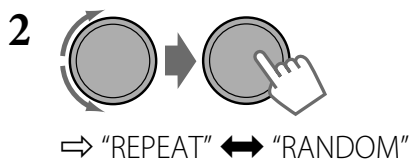
Selecting a track/folder from the list



- If the MP3/WMA disc contains many tracks, you can fast search (± 10 , ± 100) through the disc by turning the control dial quickly.
- To return to the previous menu, press **BACK**.

Selecting the playback modes

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



REPEAT ↺

TRACK RPT : Repeats current track

FOLDER RPT : Repeats current folder

RANDOM ⇄

FOLDER RND : Randomly plays all tracks of current folder, then tracks of next folders

ALL RND : Randomly plays all tracks

To cancel repeat play or random play, select "RPT OFF" or "RND OFF."

Connecting the other external components

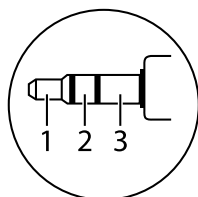
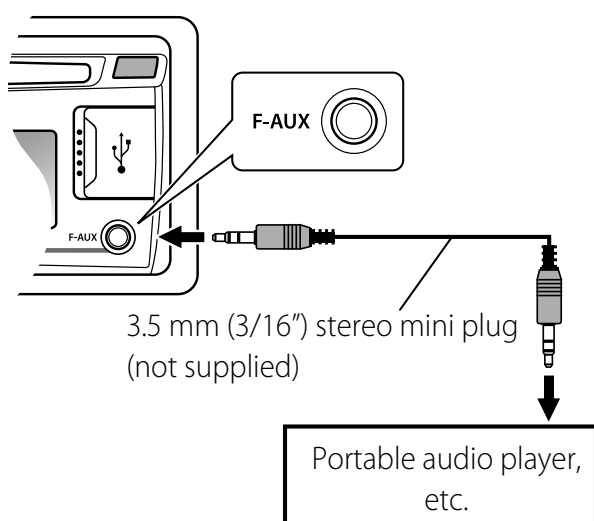
You can connect an external component to the auxiliary input jack on the control panel (F-AUX) and/or on the rear side of the unit (R-AUX).

Summary of using the external components through the auxiliary input jacks:

External component	Auxiliary input jack	Preparation			Source name	Connecting cable/device (not supplied)
		Menu setting item	Sub-item	Setting		
Portable audio player	Front	SRC SELECT	F-AUX	ON	F-AUX	See below.
	Rear	SRC SELECT	R-AUX	ON	R-AUX	
Bluetooth device	Rear	SRC SELECT	R-AUX	BT ADAPTER	BT AUDIO/ BT PHONE*	KS-BTA100 (page 22)

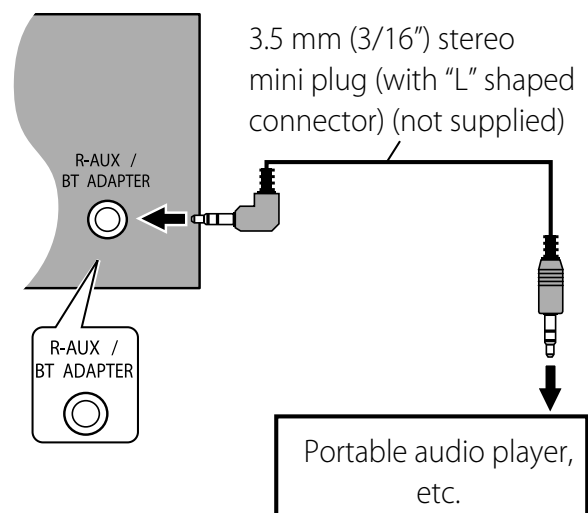
* "BT PHONE" appears when a Bluetooth phone is in use.

On the control panel (F-AUX):



Recommended to use a 3-terminal plug head stereo mini plug for optimum audio output.

On the rear panel (R-AUX):



Listening to the other external components

For details, refer also to the instructions supplied with the external components.

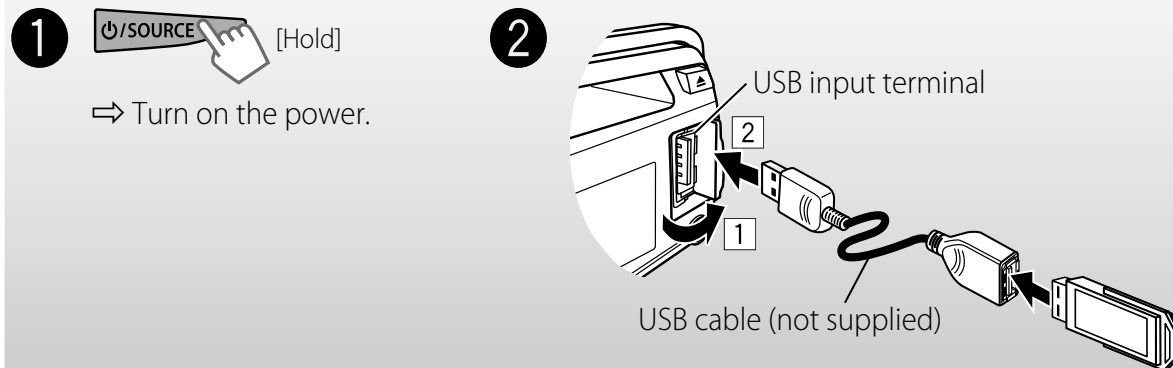
1 
⇒ "F-AUX" or "R-AUX"

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

Listening to a USB device

You can operate the USB device in the same way you operate the files on a disc. (page 11)

- This unit can play MP3/WMA files stored in a USB mass storage class device (such as a USB memory, Digital Audio Player, etc.).

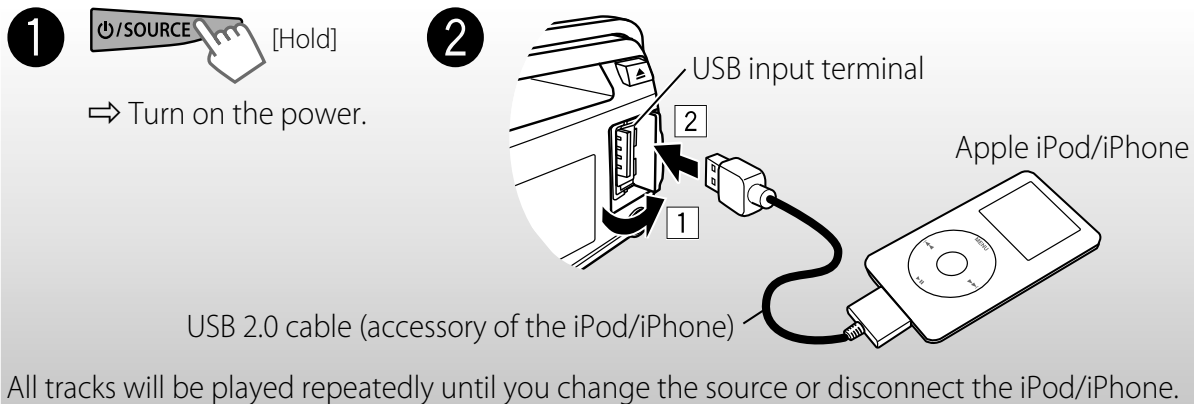


All tracks will be played repeatedly until you change the source or disconnect the USB device.

Cautions:

- Make sure all important data has been backed up.
- You cannot connect a computer or portable HDD to the USB input terminal of the unit.
- Avoid using the USB device if it might hinder your safety driving.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- Do not leave a USB device in the car, expose to direct sunlight, or high temperature to avoid deformation or cause damages to the device.
- This unit may not play back files in a USB device properly when using a USB extension cord.
- USB devices equipped with special functions such as data security functions cannot be used with the unit.
- When connecting a USB cable, use the USB 2.0 cable.
- Do not use a USB device with 2 or more partitions.
- Depending on the shape of the USB devices and connection ports, some USB devices may not be attached properly or the connection might be loose.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 500 mA.
- Do not pull out and attach the USB device repeatedly while "READING" is shown on the display.
- This unit may not recognize a memory card inserted into the USB card reader.
- Connect only one USB device to the unit at a time. Do not use a USB hub.
- Operation and power supply may not work as intended for some USB devices.
- The maximum number of characters for:
 - Folder names : 63 characters
 - File names : 63 characters
 - MP3 Tag : 60 characters
 - WMA Tag : 60 characters
- This unit can recognize a total of 65 025 files, 255 folders (255 files per folder including folder without unsupported files), and of 8 hierarchies.

Listening to an iPod/iPhone



Cautions:

- Avoid using the iPod/iPhone if it might hinder your safety driving.
- Make sure all important data has been backed up to avoid losing the data.

Selecting the control terminal

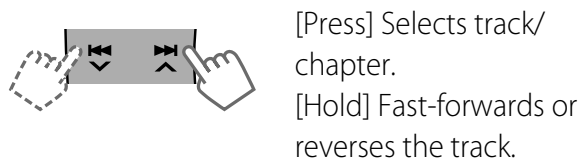


⇒ <HEAD MODE / IPOD MODE / EXT MODE>

- For details, see <IPOD SWITCH> setting on page 19.

Basic operations

Not applicable under <EXT MODE>.



Using the remote controller

◀/▶ : [Press] Selects track/chapter.
[Hold] Fast-forwards or reverses the track.

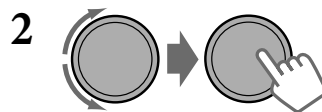
Changing the display information



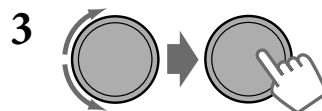
Album name/performer → Track title →
Current track number with the elapsed playing time → Current track number with the clock time → (back to the beginning)

Selecting a track from the menu

Not applicable under <IPOD MODE / EXT MODE>.



⇒ Select the desired menu.
PLAYLISTS ↔ ARTISTS ↔ ALBUMS ↔
SONGS ↔ PODCASTS ↔ GENRES ↔
COMPOSERS ↔ (back to the beginning)

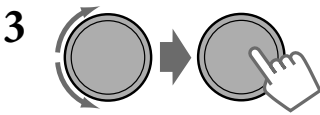
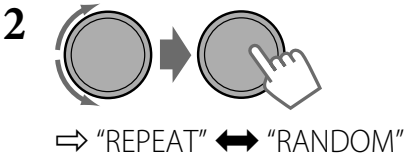


⇒ Select the desired track.
Repeat this step until the desired track is selected.

- If the selected menu contains many tracks, you can fast search (± 10 , ± 100 , $\pm 1\,000$, $\pm 10\,000$) through the menu by turning the control dial quickly.
- To return to the previous menu, press **BACK**.

Selecting the playback modes

- You can use only one of the following playback modes at a time.
- Not applicable under <IPOD MODE / EXT MODE>.



REPEAT

ONE RPT : Functions the same as
"Repeat One" of the iPod

ALL RPT : Functions the same as
"Repeat All" of the iPod

RANDOM

ALBUM RND : Functions the same as
"Shuffle Albums" of the iPod

SONG RND : Functions the same as
"Shuffle Songs" of the iPod

- **To cancel random play**, select "RND OFF."
- "ALBUM RND" is not available for some iPod/iPhone.
- To return to the previous menu, press **BACK**.

Additional information

- Made for
 - iPod touch (1st, 2nd, 3rd, and 4th generation)
 - iPod classic
 - iPod with video*
 - iPod nano (1st*, 2nd, 3rd, 4th, 5th, and 6th generation)
 - iPhone 4
 - iPhone 3GS
 - iPhone 3G
 - iPhone
- * <IPOD MODE / EXT MODE> are not available.
- It is not possible to browse video files on the "Videos" menu in <HEAD MODE>.
- The song order displayed on the selection menu of this unit may differ from that of the iPod.
- When operating an iPod/iPhone, 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/>> (English website only).

Selecting a preset sound mode

You can select a preset sound mode suitable for the music genre.



**FLAT → NATURAL →
DYNAMIC → VOCAL BOOST
→ BASS BOOST → USER →**
(back to the beginning)

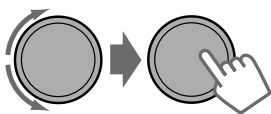
While listening, you can adjust the subwoofer level and tone level of the selected sound mode.

1



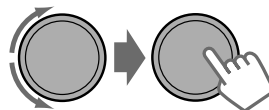
[Hold]

2



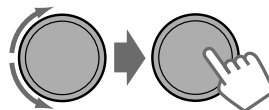
Adjust the level:
SUB.W : 00 to 08
BASS / MID / TRE : -06 to +06
The sound mode is automatically stored and changed to "USER."

2



⇒ <PRO EQ> ⇒ <BASS / MIDDLE / TREBLE>

3



Adjust the sound elements (see table below) of the selected tone.

4

Repeat steps **2** and **3** to adjust other tones.
The adjustments made is automatically stored and changed to "USER."

[Initial: Underlined]

BASS	Frequency: 60 / <u>80</u> / 100 / 200 Hz Level: -06 to +06 [<u>00</u>] Q: <u>Q1.0</u> / 1.25 / 1.5 / 2.0
MIDDLE	Frequency: 0.5 / <u>1.0</u> / 1.5 / 2.5 kHz Level: -06 to +06 [<u>00</u>] Q: Q0.75 / 1.0 / <u>1.25</u>
TREBLE	Frequency: <u>10.0</u> / 12.5 / 15.0 / 17.5 kHz Level: -06 to +06 [<u>00</u>] Q: <u>Q FIX</u>

Storing your own sound mode

You can store your own adjustments in memory.

1



[Hold]

Menu operations

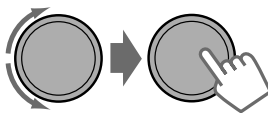
1



[Hold]

If no operation is done for about 60 seconds, the operation will be canceled.

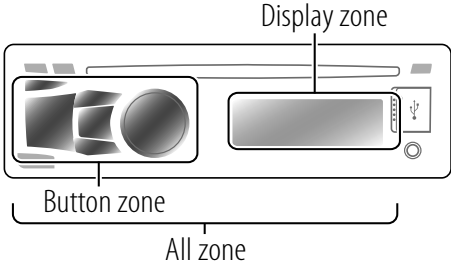
2



3

Repeat step **2** if necessary.
• To return to the previous menu, press **BACK**.
• To exit from the menu, press **MENU**.

Menu item	Selectable setting, [Initial: <u>Underlined</u>]
DEMO	<u>ON</u> : Display demonstration will be activated automatically if no operation is done for about 20 seconds. / OFF : Cancels. (page 4)
CLOCK	For settings, see page 4.

Menu item		Selectable setting, [Initial: <u>Underlined</u>]
COLOR	BUTTON ZONE	29 preset colors / USER / COLORFLOW 01/02/03 : Selects your preferred color for buttons illumination (except for DISP / EQ / ▲) and display color separately. • If <ALL ZONE> is selected, the button and display illumination will change to the current/selected <BUTTON ZONE> color. • Initial color : BUTTON ZONE [06] , DISP ZONE [01] , ALL ZONE [06] 
	DISP ZONE	
	ALL ZONE	
COLOR SETUP	DAY COLOR	BUTTON ZONE You can create your own day and night colors for <BUTTON ZONE> and <DISP ZONE> separately. DISP ZONE Perform step 2 (page 16) to select a primary color (RED / GREEN / BLUE), then adjust the level [00 — 31]. Repeat this procedure until you have adjusted all the three primary colors. • If "00" is selected for all the primary colors for <DISP ZONE>, nothing appear on the display.
	NIGHT COLOR	BUTTON ZONE DISP ZONE
	MENU COLOR	ON : Changes the display and buttons (except for DISP / EQ / ▲) illumination during menu, list search and playback mode operations. / OFF : Cancels.
	DIMMER SET	AUTO : Changes the display and button illumination between the Day/Night adjustments in <BRIGHTNESS>/<COLOR SETUP> setting when you turn off/on the car headlights.*1 / ON : Selects the Night adjustments in <BRIGHTNESS>/<COLOR SETUP> setting for the display and button illumination. / OFF : Selects the Day adjustments in <BRIGHTNESS>/ <COLOR SETUP> setting for the display and button illumination.
	BRIGHTNESS	DAY [31] / NIGHT [15] : Selects the display and button illumination brightness level [00 — 31] for day and night.
DISPLAY	SCROLL *2	ONCE : Scrolls the displayed information once. / AUTO : Repeats scrolling (at 5-second intervals). / OFF : Cancels. (Pressing DISP for more than one second can scroll the display regardless of the setting.)
	TAG DISPLAY	ON : Shows the Tag information while playing MP3/WMA tracks. / OFF : Cancels.
PRO EQ		For settings, see page 16.

*1 The illumination control lead connection is required. (See "Installation/Connection Manual.") This setting may not work correctly on some vehicles (particularly on those having a control dial for dimming). In this case, change the setting to any other than <DIMMER AUTO>.

*2 Some characters or symbols will not be shown correctly (or will be blanked) on the display. When receiving an HD Radio station, the information always scroll automatically on the display regardless of the setting.

Menu item		Selectable setting, [Initial: <u>Underlined</u>]
AUDIO	FADER *3, *4	R06 — F06 [<u>00</u>] : Adjusts the front and rear speaker output balance.
	BALANCE *4	L06 — R06 [<u>00</u>] : Adjusts the left and right speaker output balance.
	LOUD	ON : Boost low and high frequencies to produce a well-balanced sound at a low volume level. / OFF : Cancels.
	VOL ADJUST	-05 — +05 [<u>00</u>] : Presets the volume adjustment level of each source (except "FM"), compared to the FM volume level. The volume level will automatically increase or decrease when you change the source. Before adjustment, select the source you want to adjust. ("VOL ADJ FIX" appears on the display if "FM" is selected as the source.)
	SUB.W	ON : Turns on the subwoofer output. / OFF : Cancels.
	SUB.W LPF	LOW 55Hz / LOW 85Hz / LOW 120Hz : Frequencies lower than 55 Hz/85 Hz/120 Hz are sent to the subwoofer.
	SUB.W LEVEL	00 — 08 [<u>04</u>] : Adjusts the subwoofer output level.
	HPF	ON : Activates the High Pass Filter. Low frequency signals are cut off from the front/rear speakers. / OFF : Deactivates (all signals are sent to the front/rear speakers).
	BEEP	ON / OFF : Activates or deactivates the keypress tone.
	TEL MUTING *5	ON : Mutes the sounds while using the cellular phone (not connected through KS-BTA100). / OFF : Cancels.
	AMP GAIN *6	LOW POWER : VOLUME 00 — VOLUME 30 (Selects if the maximum power of each speaker is less than 50 W to prevent damaging the speakers.) / HIGH POWER : VOLUME 00 — VOLUME 50
TUNER	SSM *7	For settings, see page 8.
	AREA	US : When using in North/Central/South America. AM/FM intervals are set to 10 kHz/200 kHz. / EU : When using in any other areas. AM/FM intervals are set to 9 kHz/50 kHz. / SA : When using in South American countries where FM interval is 50 kHz. AM interval is set to 10 kHz.
	MONO *7	For settings, see page 8.
	BLEND HOLD *7	For settings, see page 8.
	IF BAND	AUTO : Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.) / WIDE : Subject to interference noises from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.
TAG ALL CLEAR		For settings, see page 10.

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

*4 This adjustment will not affect the subwoofer output.

*5 This setting does not work if <BT ADAPTER> is selected for <R-AUX> of the <SRC SELECT>.

*6 The volume level automatically changes to "VOLUME 30" if you change to <LOW POWER> with the volume level set higher than "VOLUME 30."

*7 Displayed only when the source is "FM" or "AM."

Menu item		Selectable setting, [Initial: <u>Underlined</u>]
IPOD SWITCH*8		<u>HEAD MODE</u> : Controls iPod playback through the unit. / IPOD MODE : Controls iPod playback through the iPod/iPhone. / EXT MODE : The sound of any functions (musics, games, applications, etc.) running on the connected iPod/iPhone is emitted through the speakers connected to this unit. The display always show "EXT MODE."
SRC SELECT	AM*9	<u>ON</u> / OFF : Enable or disable "AM" in source selection.
	F-AUX*9	<u>ON</u> / OFF : Enable or disable "F-AUX" in source selection.
	R-AUX*9	<u>ON</u> / OFF : Enable or disable "R-AUX" in source selection. / <u>BT ADAPTER</u> : Selects if the rear auxiliary input jack is connected to the Bluetooth adapter, KS-BTA100. (page 12) The source name changed to "BT AUDIO."

*8 Displayed only when "USB-IPOD" is selected as the source.

*9 Displayed only when any source other than "AM/F-AUX/R-AUX/BT AUDIO" is selected separately.

Troubleshooting

	Symptom	Remedy/Cause
General	Sound cannot be heard from the speakers.	Adjust the volume to the optimum level. / Make sure the unit is not muted/paused. (page 6) / Check the cords and connections.
	"MISWIRING CHK WIRING THEN RESET UNIT" / "WARNING CHK WIRING THEN RESET UNIT" appears on the display and no operations can be done.	Check to be sure the terminals of the speaker leads are covered with insulating tape properly, then reset the unit. (page 3) If the message does not disappear, consult your JVC car audio dealer or a company supplying kits.
	The unit does not work at all.	Reset the unit. (page 3)
	"F-AUX" or "R-AUX" cannot be selected.	Check the <SRC SELECT> → <F-AUX/ R-AUX> setting. (See above.)
	Sound is sometimes interrupted while listening to an external component connected to the auxiliary input jack.	Check to be sure the recommended stereo mini plug is used for connection. (page 12)
	The correct characters are not displayed (e.g. album name).	This unit can only display letters (upper case), numbers, and a limited number of symbols.
FM/AM	SSM automatic presetting does not work.	Store stations manually.
	Static noise while listening to the radio.	Connect the antenna firmly.
	"AM" cannot be selected.	Check the <SRC SELECT> → <AM> setting. (See above.)
	Sound quality changes when receiving HD Radio stations.	Fix the reception mode either to < ANALOG / DIGITAL>. (page 8)

Continued...

	Symptom	Remedy/Cause
FM/AM	No sound can be heard.	<ANALOG> is selected when receiving all digital broadcast of HD Radio station. Select <DIGITAL / AUTO>. (page 8) / <DIGITAL> is selected when receiving weak digital signals or receiving conventional radio broadcast. Select <ANALOG / AUTO>. (page 8)
	The song cannot be tagged.	The HD Radio broadcast does not support iTunes Tagging function or the broadcast does not contain PSD. You can tag the PSD only when the TAG indicator lights up on the display.
Disc playback	Disc cannot be played back.	Insert the disc correctly.
	CD-R/CD-RW cannot be played back and track cannot be skipped.	Insert a finalized CD-R/CD-RW (finalize with the component which you used for recording).
	Disc sound is sometimes interrupted.	Stop playback while driving on rough roads. / Change the disc. / Check the cords and connections.
	"NO DISC" appears on the display.	Insert a playable disc into the loading slot.
	"PLEASE" and "EJECT" appear alternately on the display.	Press ▲, then insert a disc correctly.
	"IN DISC" appears on the display.	The disc cannot be ejected properly. Make sure nothing is blocking the loading slot.
MP3/WMA playback	Disc cannot be played back.	Use a disc with MP3/WMA tracks recorded in a format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet. / Add the extension code <.mp3> or <.wma> to the file names.
	Noise is generated.	Skip to another track or change the disc.
	"READING" keeps flashing on the display.	A longer readout time is required. Do not use too many hierarchical levels and folders.
	Tracks do not play back in the order you have intended them to play.	The playback order is determined when the files are recorded.
	The elapsed playing time is not correct.	This sometimes occurs during playback. This is caused by how the tracks are recorded on the disc.
USB playback	"READING" keeps flashing on the display.	A longer readout time is required. Do not use too many hierarchical levels and folders. / Turn off the power then on again. / Reattach the USB device again.
	"NO FILE" appears on the display.	Check whether the device contains playable files.
	Noise is generated.	Skip to another file.
	"NOT SUPPORT" appears and track skips.	Check whether the track is a playable file format.
	While playing a track, sound is sometimes interrupted.	The tracks have not been properly copied into the USB device. Copy tracks again into the USB device, and try again.

	Symptom	Remedy/Cause
USB playback	Tracks/folders are not played back in the order you have intended.	The playback order is determined by the file name. Folders with numbers on the initial of their names are sorted in numerical order. However, folders with no numbers on the initial of their names are sorted according to the file system of the USB device.
	"CANNOT PLAY" flashes on the display. / "NO USB" appears on the display. / The unit cannot detect the USB device.	Check whether the connected USB device is compatible with this unit. / Reattach the USB device again.
iPod/iPhone playback	The iPod does not turn on or does not work.	Check the connecting cable and its connection. / Charge the battery of the iPod/iPhone. / Reset the iPod/iPhone. / Check whether <IPOD SWITCH> setting is appropriate. (page 19)
	The sound is distorted.	Deactivate the equalizer either on this unit or the iPod/iPhone.
	Noise is generated.	Turn off (uncheck) the "VoiceOver" feature of the iPod. For details, visit < http://www.apple.com >.
	Playback stops.	The headphones are disconnected during playback. Restart the playback operation. (page 14)
	"NO FILE" appears on the display.	Check whether the device contains playable files.
	"CANNOT PLAY" flashes on the display.	Check whether the connected iPod/iPhone is compatible with this unit. (page 15)

Additional information

- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- This unit can play back files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
- This unit can play back the files meeting the conditions below:
 - Bit rate: MP3/ WMA: 8 kbps — 320 kbps
 - Sampling frequency:
 - MP3: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
 - WMA: 48 kHz, 44.1 kHz, 32 kHz, 22.05 kHz
- This unit can show WMA Tag and ID3 Tag Version 1.0/ 1.1/ 2.2/ 2.3/ 2.4 (for MP3).
- The search function works but search speed is not constant.
- This unit can play back files recorded in VBR (variable bit rate). (Files recorded in VBR have a discrepancy in elapsed time indication.)
- The maximum number of characters for file/folder names vary depending on the disc format used (includes 4 extension characters—<.mp3> or <.wma>).
 - ISO 9660 Level 1 and 2, Romeo: 64 characters, Joliet: 32 characters, Windows long file name: 64 characters
- This unit cannot play back the following files:
 - MP3 files: encoded in MP3i and MP3 PRO format; an inappropriate format; layer 1/2.
 - WMA files: encoded in lossless, professional, and voice format; not based upon Windows Media® Audio; copy-protected with DRM.
 - Files which have data such as AIFF, ATRAC3, etc.

Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Using Bluetooth® devices

For Bluetooth operations, it is required to connect the Bluetooth adapter, KS-BTA100 (not supplied) to the auxiliary input jack (R-AUX/BT ADAPTER) on the rear of the unit. (page 12)

- For details, refer also to the instructions supplied with the Bluetooth adapter and the Bluetooth device.
- Operations may be different according to the connected device.

Preparation

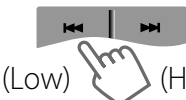
1 Register (pair) a Bluetooth device with KS-BTA100.

Refer to the instructions manual supplied with KS-BTA100.

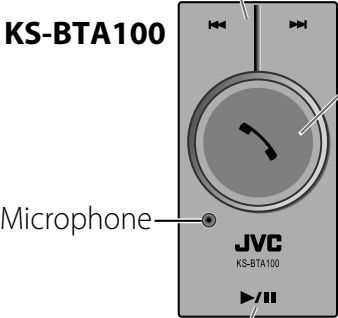
2 Change the <SRC SELECT> settings of this unit.



Using the Bluetooth mobile phone



Adjusting the microphone volume
Volume level: High / Normal (initial) / Low



KS-BTA100

Microphone



- **Receiving a call**
When a call comes in...



- **Making a call**
Making a call to the last connected number from your phone.



- **Switching between handsfree and phone**
While talking...



- **Ends/rejects call**
- **Voice dialing**
Voice dialing is available only when the connected mobile phone has the voice recognition system.

Using the Bluetooth audio device

1  ⇒ "BT AUDIO"
(CD receiver)

2 

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

 [Press] Selects track.
[Hold] Fast-forwards or reverses the track.

About microphone volume:

When you turn off the power of the CD receiver, the volume level changes to Normal.

Specifications

AUDIO AMPLIFIER SECTION



Power Output :

20 W RMS $\times$ 4 Channels at 4 Ω
and $\leq$ 1% THD+N

Signal-to-Noise Ratio : 80 dBA
(reference: 1 W into 4 Ω)

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

Frequency Response : 40 Hz to 20 000 Hz

Line-Out or Subwoofer-Out Level/Impedance :

KD-AHD79 : 5.0 V/20 k Ω load (full scale)

KD-HDR70 : 2.5 V/20 k Ω load (full scale)

Output Impedance : $\leq$ 600 Ω

Other Terminal : USB input terminal, Front
auxiliary input jack, Rear auxiliary/Bluetooth
adapter input jack, Antenna terminal

TUNER SECTION

Frequency Range :

FM : with channel interval set to :

200 kHz : 87.9 MHz to 107.9 MHz

50 kHz : 87.5 MHz to 108.0 MHz

AM : with channel interval set to :

10 kHz : 530 kHz to 1 700 kHz

9 kHz : 531 kHz to 1 611 kHz

FM Tuner :

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

50 dB Quieting Sensitivity : 19.3 dBf
(2.5 μ V/75 Ω)

Alternate Channel Selectivity (400 kHz) : 65 dB

Frequency Response :

20 Hz to 20 000 Hz (HD Radio broadcast)

40 Hz to 15 000 Hz (Conventional broadcast)

Stereo Separation:

70 dB (HD Radio broadcast)

48 dB (Conventional broadcast)

Capture Ratio : 3.5 dB

AM Tuner :

Sensitivity/Selectivity : 20 μ V/70 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

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

USB SECTION

USB Standard : USB 1.1, USB 2.0

Data Transfer Rate (Full Speed) : Max. 12 Mbps

Compatible Device : Mass Storage Class

Compatible File System : FAT 32 / 16 / 12

Playable Audio Format : MP3/WMA

Max. Current : DC 5 V $\equiv$ 500 mA

GENERAL

Power Requirement : Operating Voltage :

DC 14.4 V (11 V to 16 V allowance)

Grounding System : Negative ground

Allowable Operating Temperature :

0°C to +40°C (32°F to 104°F)

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

–Installation Size :

182 mm $\times$ 52 mm $\times$ 158 mm

(7-3/16" $\times$ 2-1/16" $\times$ 6-1/4")

–Panel Size :

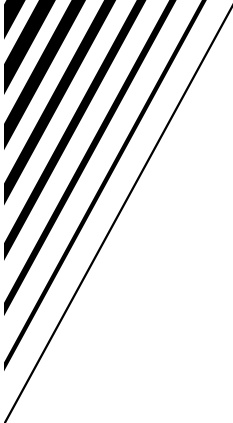
188 mm $\times$ 59 mm $\times$ 9 mm

(7-7/16" $\times$ 2-3/8" $\times$ 3/8")

Mass : 1.3 kg (2.8 lbs) (excluding accessories)

Subject to change without notice.

If a kit is necessary for your car, consult your
telephone directory for the nearest car audio
specialty 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!

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- “Made for iPod,” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.

JVC



EN, SP, FR

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1210DTSMDTJEIN

JVC KD-AHD79/KD-HDR70

Installation/Connection Manual Manual de instalación/conexión Manuel d'installation/raccordement

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[J]

1210DTSMDTJEN
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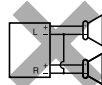
ENGLISH / ESPAÑOL / FRANÇAIS

WARNINGS / ADVERTENCIAS / AVERTISSEMENTS

- You need the installation kits which corresponds to your car.
- If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.
- The unit can only be installed in a car with a 12 V DC power supply, negative ground.
- Disconnect the battery's negative terminal and make all electrical connections before installing the unit.
- Connect speakers with a maximum power of more than 50 W (impedance of 4 Ω to 8 Ω). Otherwise, change the <AMP GAIN> setting. (See page 18 of the INSTRUCTIONS.)
- Insulate unconnected wires with vinyl tape or other similar material. To prevent a short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.
- If the fuse blows, first make sure the wires are not touching to cause a short circuit, then replace the old fuse with one that has the same rating.
- Install this unit in the console of your vehicle.
- Mount the unit so that the mounting angle is 30° or less.
- Be sure to ground this unit to the car's chassis again after installation.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- Do not touch the metal part of this unit during and shortly after the use of the unit. Metal part such as the heat sink and enclosure become hot.
- Necesitará los kits de instalación que corresponden con su vehículo.
- 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.
- La unidad puede instalarse solamente en un automóvil con fuente de alimentación de 12 V CC, negativo a masa.
- Desconecte el terminal negativo de la batería y realice todas las conexiones eléctricas antes de instalar la unidad.
- Conecte los altavoces con una potencia máxima de más de 50 W (impedancia de 4 Ω a 8 Ω). De lo contrario, cambie el ajuste <AMP GAIN>. (Véase la página 18 del MANUAL DE INSTRUCCIONES.)
- Aísle los cables no conectados con cinta de vinilo u otro material similar. Para prevenir los cortocircuitos, no quite las tapas de los extremos de los cables o terminales no conectados.
- Si se funde un fusible, asegúrese primero de que los cables no estén en contacto pues pueden ocasionar un cortocircuito, luego reemplace el fusible dañados por otro de las mismas características.
- Instale esta unidad en la consola de su vehículo.
- Instale la unidad en un ángulo de montaje de 30° o menos.
- Asegúrese de volver a conectar a masa esta unidad al chasis del automóvil después de la instalación.
- Después de haber instalado la unidad, compruebe que las luces de freno, los intermitentes, los limpiaparabrisas, etc. del automóvil funcionan correctamente.
- No toque la parte metálica de esta unidad durante e inmediatamente después de usar la unidad. Las partes metálicas tal como el disipador de calor y la carcasa estarán calientes.
- Vous avez besoin des kits d'installation correspondants à votre voiture.
- 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.
- L'appareil peut uniquement être installé dans une voiture avec une alimentation de 12 V CC, à masse négative.
- Déconnectez la borne négative de la batterie et réalisez toutes les connexions avant d'installer l'appareil.
- Connectez des enceintes avec une puissance maximum de 50 W (impédance de 4 Ω à 8 Ω). Sinon, changez le réglage <AMP GAIN>. (Voir la page 18 du MANUEL D'INSTRUCTIONS.)
- Isolez les câbles non-connectés avec un ruban de vinyle ou d'un autre matériel similaire. Pour éviter les courts-circuits, ne retirez pas non plus les capuchons à l'extrémité des câbles non-connectés ou des prises.
- Si un fusible saute, assurez-vous d'abord que les câbles n'ont pas causé de court-circuit puis remplacez le vieux fusible par un nouveau de même valeur.
- Installez cet appareil dans la console de votre véhicule.
- Monter l'unité de façon à ce que l'angle de montage soit de 30° ou moins.
- Assurez-vous de raccorder de nouveau la mise à la masse de cet appareil au châssis de la voiture après l'installation.
- Après avoir installé l'appareil, vérifiez si les lampes de frein, les indicateurs, les clignotants, etc. de la voiture fonctionnent correctement.
- Ne touchez pas la partie métallique de cet appareil pendant ou juste après son utilisation. Les parties métalliques, comme le dissipateur de chaleur et le boîtier, deviennent chaudes.

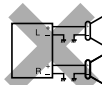
PRECAUTIONS on power supply and speaker connections

- 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.



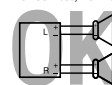
PRECAUCIONES sobre las conexiones de la fuente de alimentación y de los altavoces

- 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 de altavoz del cable de alimentación, verifique el conexionado de altavoz de su automóvil.



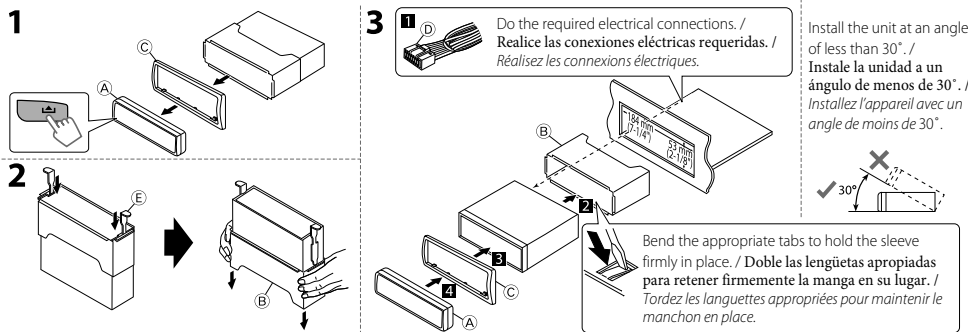
PRECAUTIONS sur l'alimentation et la connexion des enceintes

- 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.



INSTALLATION / INSTALACION / INSTALLATION

In-dash mounting / Montaje en el tablero / Montage encastré

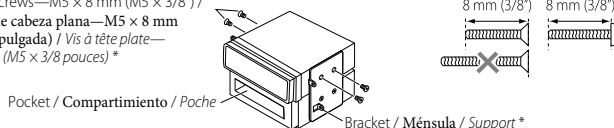


Part list / Lista de componentes / Liste de pièces

- (A) Control panel / Panel de control / Panneau de commande (x1)
- (B) Sleeve / Cubierta / Manchon (x1)
- (C) Trim plate / Placa de guarnición / Plaque d'assemblage (x1)
- (D) Power cord / Cordon de alimentación / Cordon d'alimentation (x1)
- (E) Handles / Manijas / Poignées (x2)

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

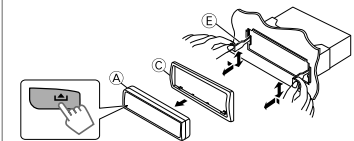
Flat head screws—M5 x 8 mm (M5 x 3/8") /
Tornillos de cabeza plana—M5 x 8 mm
(M5 x 3/8 pulgada) / Vis à tête plate—
M5 x 8 mm (M5 x 3/8 pouces) *



- * Not supplied for this unit.
- * No suministrado con esta unidad.
- * Non fourni avec cet appareil.

Removing the unit / Extracción de la unidad / Retrait de l'appareil

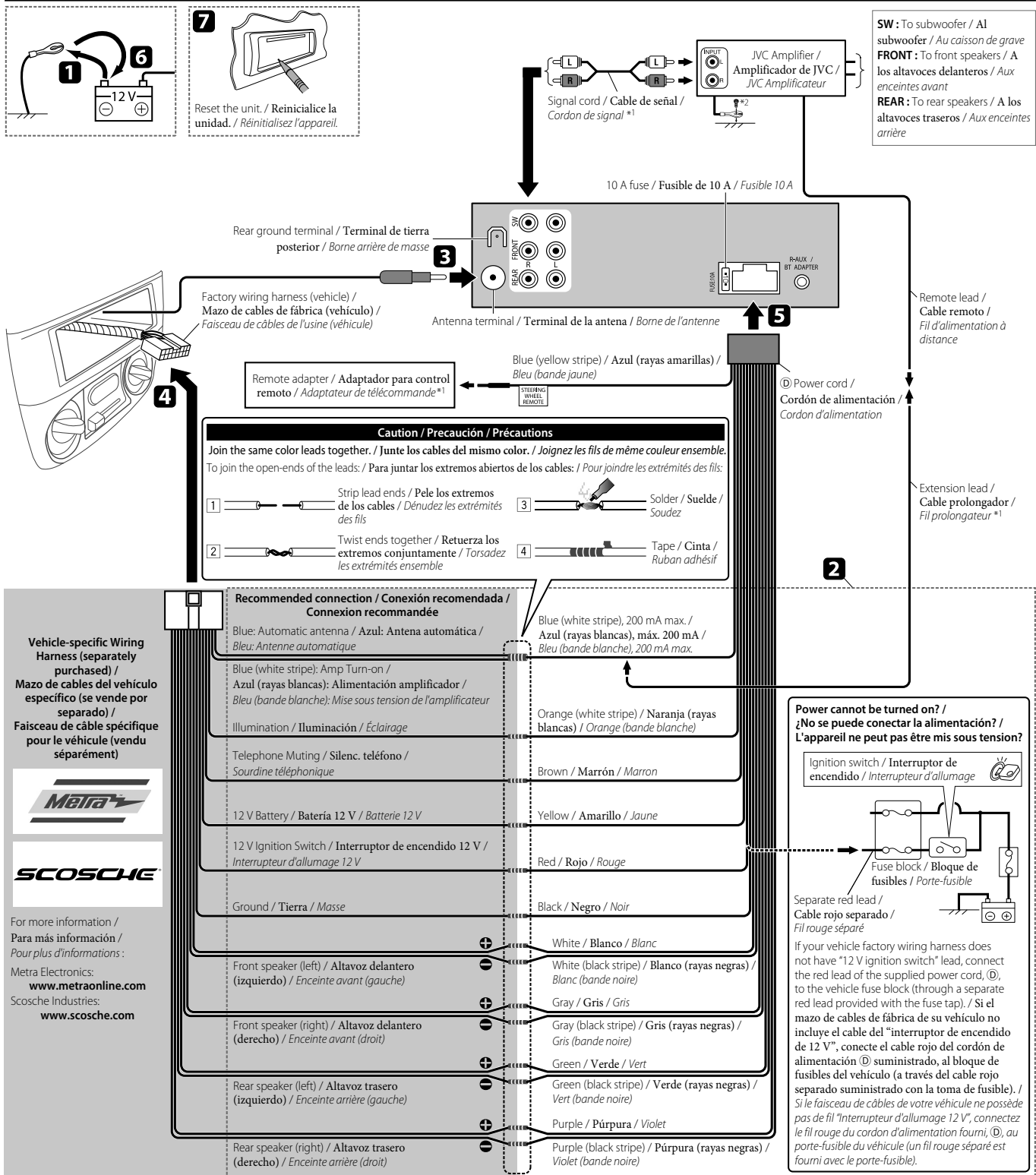
Release the rear section first... / Primero libere la sección trasera... / Ouvrez la section arrière en premier...



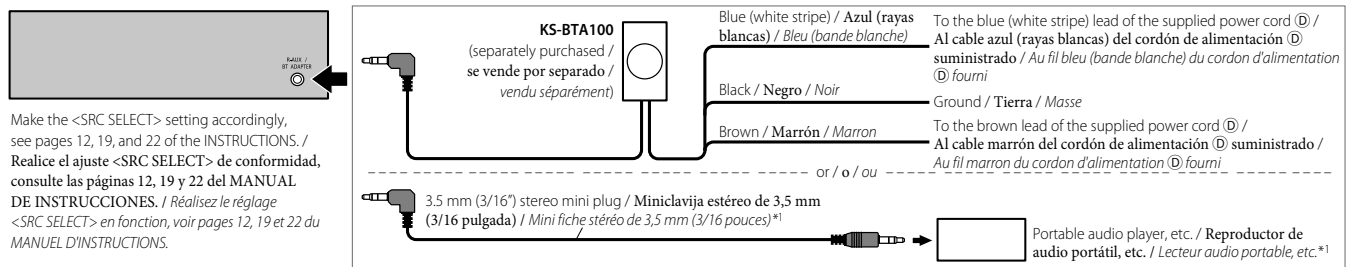
TROUBLESHOOTING / LOCALIZACION DE AVERIAS / EN CAS DE DIFFICULTES

- **The fuse blows.** ⇒ Are the red and black leads connected correctly?
- **Power cannot be turned on.** ⇒ Is the yellow lead connected?
- **No sound from the speakers.** ⇒ Is the speaker output lead short-circuited?
- **"MISWIRING CHK WIRING THEN RESET UNIT" / "WARNING CHK WIRING THEN RESET UNIT" appears on the display and no operation can be done.** ⇒ Is the speaker output lead short-circuited or touches the chassis of the car/head unit? Have you reset your unit?
- **Sound is distorted.** ⇒ Is the speaker output lead grounded? Are the "+" terminals of L and R speakers grounded in common?
- **Noise interfere with sounds.** ⇒ Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
- **This 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?
- **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?
- **Aparece "MISWIRING CHK WIRING THEN RESET UNIT" / "WARNING CHK WIRING THEN RESET UNIT" en la pantalla y no se puede realizar ninguna operación.** ⇒ ¿El conductor de salida de altavoz está en cortocircuito o en contacto con el chasis del automóvil/auriculares? ¿Reinicializó la unidad?
- **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?
- **Esta 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?
- **Esta unidad no funciona en absoluto.** ⇒ ¿Reinicializó la unidad?
- **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?
- **"MISWIRING CHK WIRING THEN RESET UNIT" / "WARNING CHK WIRING THEN RESET UNIT" apparaît sur l'affichage et aucune opération ne peut être réalisée.** ⇒ Est-ce qu'un fil de sortie d'enceinte est court-circuité ou touche le châssis de la voiture/appareil principal? Avez-vous réinitialisé votre appareil?
- **Le son est déformé.** ⇒ Le fil de sortie d'enceinte est-il à la masse? Les bornes "+" des enceintes gauche et droite 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?
- **Cet appareil devient chaud.** ⇒ Le fil de sortie d'enceinte est-il à la masse? Les bornes "+" des enceintes gauche et droite sont-elles mises ensemble à la masse?
- **Cet appareil ne fonctionne pas du tout.** ⇒ Avez-vous réinitialisé votre appareil?

ELECTRICAL CONNECTIONS / CONEXIONES ELECTRICAS / RACCORDEMENTS ELECTRIQUES



Connecting the Bluetooth adapter or portable audio player / Conexión del adaptador Bluetooth o del reproductor de audio portátil / Connexion de l'adaptateur Bluetooth ou d'un lecteur audio portable



*1 Not supplied for this unit.

*2 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint.

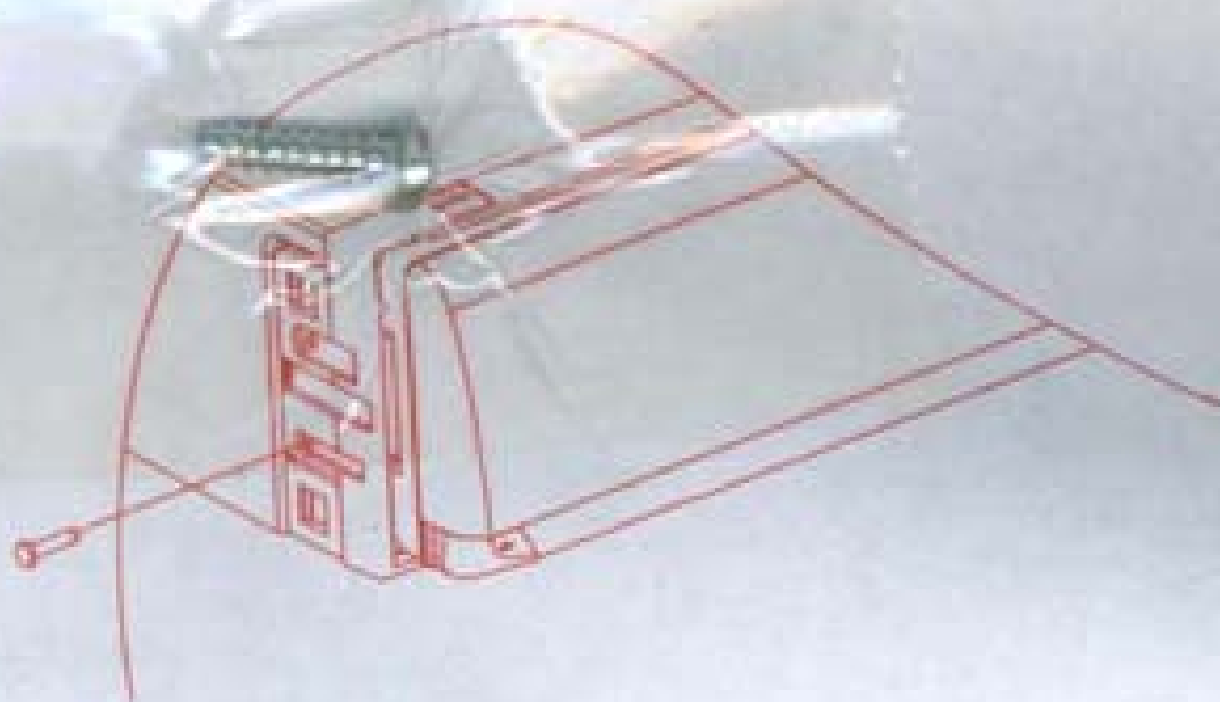
*1 No suministrado con esta unidad.

*2 Fije firmemente el cable de tierra a la carrocería metálica o al chasis—a un lugar no cubierto con pintura.

*1 Non fourni avec cet appareil.

*2 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.

WHEN IT IS NOT REQUIRED
TO DETACH THE FRONT CONTROL
PANEL FROM THE MAIN UNIT,
USE THE PROVIDED SCREW TO
ATTACH THE CONTROL PANEL TO
THE MAIN UNIT.



GE40401-001A

REMOVE THIS LABEL FROM CABLE BEFORE USE.
RETOIRE LA ETIQUETA DEL CABLE ELÉCTRICO ANTES DE USAR.
RETIREZ CETTE ÉTIQUETTE DU CABLE AVANT UTILISATION.



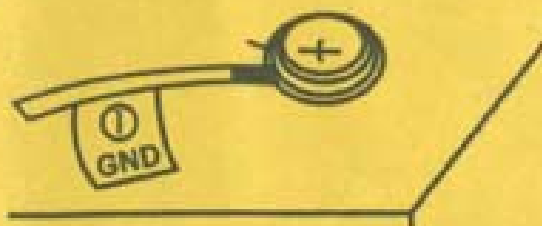
CAUTION

CONNECT BLACK WIRE (① GND) TO GROUND FIRST.
OTHERWISE, DAMAGE TO YOUR UNIT MAY OCCUR.

INCORRECT CONNECTION CAUSES SERIOUS DAMAGE TO THIS UNIT
PLEASE READ INSTALLATION/CONNECTION MANUAL CAREFULLY.

①

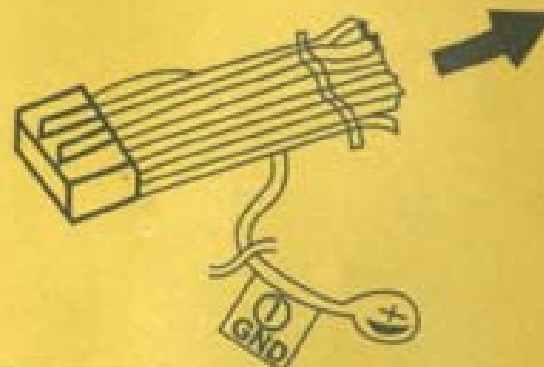
CONNECT GROUND FIRST



METALLIC BODY OR CHASSIS
OF THE CAR

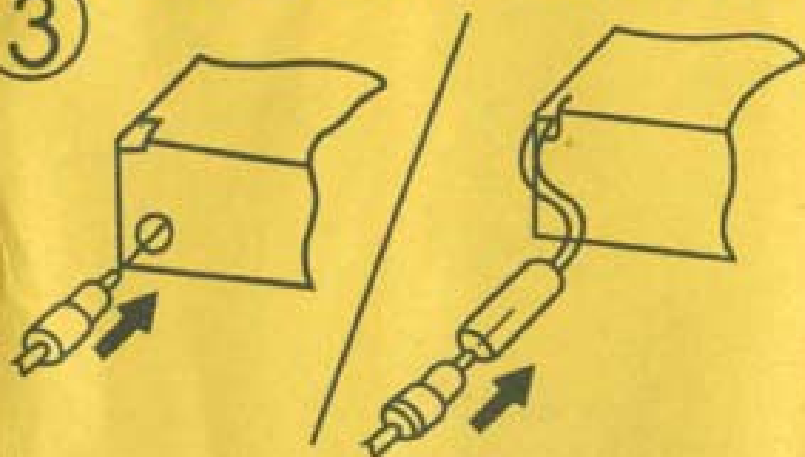
②

CONNECT OTHER WIRES



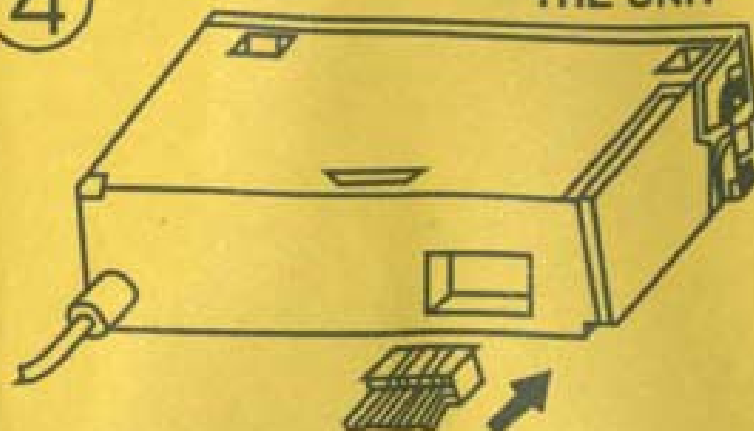
③

CONNECT ANTENNA TERMINAL



④

CONNECT POWER CORD TO
THE UNIT



PRODUCT REGISTRATION

First Name: _____
Last Name: _____
Address: _____
Apt.# _____
City: _____
State: _____
Zip Code: _____
Phone Number: _____
E-Mail Address: _____

- | | | |
|---|-----|----|
| 1) Would you like to receive the JVC Community e-mail newsletter? | Yes | No |
| 2) Would you like to receive special offers from JVC? | Yes | No |
| 3) Have you purchased an extended warranty for this product? | Yes | No |

Date of Purchase _____
Model Number: _____
Serial Number: _____
Purchase Price: _____
Dealer: _____

On a scale of 1 to 5, with 5 being the best, please rate each of the following attributes about your new JVC product.

Performance	1	2	3	4	5
Features	1	2	3	4	5
Ease of use	1	2	3	4	5
Design	1	2	3	4	5
Value	1	2	3	4	5

COMMENTS:

Thank You
for completing
this questionnaire.

Please do not send products or other
correspondence to this address.

JVC AMERICAS CORP.
1700 Valley Road
Wayne, NJ 07470



PLEASE
PLACE
STAMP
HERE

JVC[®]

PO BOX 1189
BEDFORD, TX 76095-1189



PRODUCT REGISTRATION CARD / QUESTIONNAIRE

USA CUSTOMERS ONLY

Registering your product will allow us to contact you in the unlikely event a product safety notification is required.

This form is for Product Registration purposes only. Failure to return this form does not diminish your rights during the warranty period.

THANK YOU FOR PURCHASING THIS JVC PRODUCT

REGISTER ONLINE AT: *REGISTER.JVC.COM*

CANADA
ONLY

JVC

CANADA
SEULEMENT

OWNER'S COPY OF WARRANTY CARD COPIE D'ENREGISTREMENT DE LA GARANTIE DU PROPRIÉTAIRE

(Save sales docket together with this warranty card, as a proof of date of purchase.
La facture et cette garantie sont vos preuves de la date d'achat; rangez-les.)

MODEL MODÈLE	SERIAL NO. NO DE SÉRIE		
Purchase from Acheté chez	Date purchased Date acheté		
Dealer's Address Adresse du Vendeur			
No. No	Street Rue		
City or Town Ville	Prov. Prov.	Postal Code Code Postal	
Owner's Name Nom du Propriétaire			
Owner's Address Adresse du Propriétaire			
No. No	Street Rue	Apt. App.	
City or Town Ville	Prov. Prov.	Postal Code Code Postal	

BT-52008-1
(1007)

Detach here.

à découper ici

Printed in Indonesia

WARRANTY CONTROL CARD CARTE DE CONTRÔLE DE LA GARANTIE

IMPORTANT: This warranty control card must be filled in and posted to the address indicated on the back hereof or register via internet within 7 (seven) days from the date of purchase.

IMPORTANT: Cette carte doit être renvoyée dûment remplie à l'adresse indiquée au verso, dans les 7 jours de la date d'achat ou aller sur le site par internet pour l'enregistrement.

(PLEASE PRINT/EN LETTRES MOULÉES)

MODEL MODÈLE	SERIAL NO. NO DE SÉRIE		
Purchased from Acheté chez	Date purchased Date acheté		
Dealer's Address Adresse du Vendeur			
No. No	Street Rue		
City or Town Ville	Prov. Prov.	Postal Code Code Postal	
Owner's Name Nom du Propriétaire			
Owner's Address Adresse du Propriétaire			
No. No	Street Rue	Apt. App.	
City or Town Ville	Prov. Prov.	Postal Code Code Postal	

You may also register on-line
at: www.jvc.ca

Vous pouvez également vous
inscrire par internet à: www.jvc.ca

WARRANTY APPLIES ONLY TO PRODUCT
DISTRIBUTED IN CANADA BY JVC CANADA INC.

LA GARANTIE S'APPLIQUE SEULEMENT AUX PRODUITS
DISTRIBUÉS AU CANADA PAR JVC CANADA INC.

Warranty applies only
to PRODUCT distributed
in Canada by JVC Canada
Inc.

JVC

La garantie s'applique
seulement aux PRODUITS
distribués au Canada par
JVC Canada Inc.

WARRANTY GARANTIE

JVC CANADA INC.

21 Finchdene Square, Toronto, ON M1X 1A7

TEL: (416) 293-1311 FAX: (416) 293-8208

<http://www.jvc.ca>

JVC CANADA INC. (hereafter called "JVC") gives the following express warranty for each new JVC product distributed in Canada by JVC and sold by an authorized JVC dealer.

JVC warrants that this JVC product is free, under normal use and maintenance, from any defects in material and workmanship subject to the following terms and conditions:

1. To Obtain Warranty Service:

- The JVC Warranty Control Card herein provided must be completed in full and posted or registered via internet within 7 days of date of purchase of the JVC product.
- This JVC Warranty Control Card must be completed in full and presented together with proof of purchase of the JVC product requiring service.
- The JVC product must be brought in for service to an authorized JVC Service Centre.

2. Limitation:

This Warranty shall not apply to:

- Repair or replacement of any cabinets, batteries, plates, connection cords, antennas, dust covers, knobs, speaker grills, speaker cones, projection screens, projection screen savers, and all accessories.
- Any defects caused or repairs required as a result of misuse, abusive operation, negligence, improper use and/or insufficient care.
- Any defect caused or repairs required as a result of not following the instructions in the operation manual.
- Any JVC product tampered with, adjusted or repaired by any party other than JVC or authorized JVC Service Centre personnel.

JVC CANADA INC. (ci-après appelé "JVC") énonce la garantie expresse suivante pour tout nouveau produit JVC distribué au Canada par JVC et vendu par un détaillant JVC autorisé.

JVC vous garantit que ce produit est déposé, sous utilisation et entretien normal, de tout défaut matériel et de fabrication sous réserve des modalités et conditions suivantes :

1. Pour obtenir un service de garantie :

- La carte de contrôle de garantie JVC ci-incluse doit être complétée avec les renseignements complets et être postée ou enregistrée via internet dans les 7 jours suivant l'achat du produit JVC.
- Cette carte de contrôle de garantie JVC doit être dûment remplie et être présentée avec la preuve d'achat du produit JVC nécessitant une réparation.
- Le produit JVC doit être apporté pour service chez un centre de service JVC autorisé.

2. Restrictions:

Cette garantie ne s'applique pas aux :

- Réparation ou remplacement de tout cabinet, batteries, panneau avant, cordons de raccord, antennes, housses de protection, boutons, couvercles de haut-parleur, cônes de haut-parleur, écrans de projection, protecteurs d'écran de projection et tous les accessoires.
- Tous défauts occasionnés ou réparations requises suite à une utilisation abusive, mauvaise, négligente et/ou une utilisation incorrecte.
- Tous défauts occasionnés ou réparations requises suite à l'omission de suivre les recommandations du manuel d'instruction.
- Tout produit JVC altéré, ajusté ou réparé par tout autre entreprise que JVC ou un centre de service d'entretien ou de service autorisé JVC.

- (e) Any JVC products on which the serial number has been defaced, modified or removed.
- (f) Maintenance, cleaning or periodic check-up
- (g) Conversion to foreign or domestic voltage or frequency.
- (h) Any JVC product without the Canadian Electrical Safety Regulations ID.
- (i) Any JVC products used for commercial or institutional, rental, or display purposes.
Parts.....1 year (except video head - 90 days)
Labour... 90 days
- (j) Any JVC product which has been resold and no longer owned by the original purchaser.
- (k) Product purchased from "outside Canada", "bankruptcy" or "liquidator".

- (e) Tout produit JVC dont le numéro de série a été altéré, modifié ou enlevé.
- (f) L'entretien, les vérifications périodiques et nettoyage.
- (g) La conversion à une fréquence ou une tension étrangère ou domestique.
- (h) Tout produit JVC n'ayant pas le sigle d'identification conforme aux normes électriques Canadiennes (CSA).
- (i) Pour tout produit utilisé à des fins commerciales, institutionnelles, de location ou utilisé à des fins d'étalage.
Pièces..... 1 An (Excepté les têtes vidéo- 90 jours)
Main d'œuvre... 90 Jours
- (j) Tout produit JVC ayant été revendu et qui n'est plus la propriété de l'acheteur original.
- (k) Produit acheté à "l'extérieur du Canada", provenant d'une "faillite" ou d'un "liquidateur".

**WARRANTY TERM (VALID FROM THE DATE OF PURCHASE)
CONDITIONS DE GARANTIE (VALABLE à PARTIR DE LA DATE D'ACHAT)**

PRODUCT PRODUIT	PARTS (Years) PIECES (années)	Labour (Years) MAIN-D'OEUVRE (années)
Projection TV In-Home Service Colour TV In-Home (25" and above) D-ILA Rear Projection In-Home Service LCD TV In-Home Service (25" and above) Écrans de projection Service à Domicile Écrans de TV Couleur Service à Domicile (25" et plus) TV projection arrière D-ILA Service à Domicile Écrans de LCD Service à Domicile (25" et plus)	1	1
* In-home service to be provided where available Where it is not available, the Purchaser must assume the responsibility and expense for the proper packing, shipment and all costs associated with the delivery of the equipment to and from the closest JVC Authorized Service Centre. * Service à domicile fourni par un détaillant disponible. S'il n'y a pas de service JVC disponible à proximité, l'acheteur doit assumer la responsabilité et les coûts pour un emballage adéquat, l'expédition, ainsi que tous les coûts associés à la livraison de l'équipement chez et depuis le détaillant JVC autorisé le plus près pour un service d'entretien.		
Receivers and Home Speakers purchased separately, Front Projection and Car Audio "ARSENAL" Series Récepteurs et Hauts-Parleurs achetés séparément, Projecteur Avant et Audio d'Auto de Série « ARSENAL »	2	2
AC Adapters, Remote Controls, Headphones, Microphones and Projector Lamps Adaptateurs AC, Télécommande, Casque D'écoute, Microphones et Lampe de Projecteur	90 DAYS 90 JOURS	90 DAYS 90 JOURS
Wood Cone Speakers Enceinte à Cône en Bois	5	5
All Other Categories Toutes les autres catégories	1	1

- (l) Any defects caused by fire, flood, lightning, power surge, or other events beyond the control of JVC.
- (m) FOR AUTO PRODUCTS
Warranty does not cover elimination of car static or electrical interferences, cleaning of head, adjustments, or labour cost for the removal or reinstallation of the unit for repair.

3. Standards:

If any defects should be found in a JVC product within the applicable terms, necessary repairs shall be made at no cost to the purchaser for parts or labour when JVC acknowledges that such defects are due to faulty material or workmanship.

4. Exclusion of All Other Express Warranties:

This warranty constitutes the entire express warranty given by JVC for JVC products and no dealer or service centre personnel or his, its or their agent or employee is, or are authorized to extend or enlarge this warranty on behalf of JVC.

5. Disclaimer of Consequential Damage:

To the extent the law permits JVC disclaims any responsibility for loss of time or use of its product, transportation costs, or any other indirect, incidental or consequential damage or inconvenience.

New

And mail to the address below.
**You may also register on-line
at: www.jvc.ca**

Detach here.

- (l) Tout dommage causé par le feu, une inondation, un éclair, une surtension ou tout autre événement hors du contrôle de JVC.
- (m) POUR LES PRODUITS D'AUTOMOBILE
La garantie ne couvre pas l'élimination d'interférences statiques ou électriques de la voiture, le nettoyage de tête, les ajustements et les coûts de main d'œuvre associés à l'enlèvement ou à la réinstallation de l'unité pour réparation.

3. Critères:

Si un produit JVC s'avérait défectueux, selon les conditions applicables, les réparations nécessaires seront effectuées sans coûts additionnels à l'acheteur pour les pièces et la main d'œuvre lorsque JVC reconnaît que de telles déficiences sont causées par une déficiences de matériel ou de fabrication.

4. Exclusion de toutes autres garanties expresses :

Cette garantie constitue l'entière garantie express donnée par JVC pour les produits JVC. Nul représentant ou employé d'un détaillant ou d'un service d'entretien n'est autorisé à prolonger cette garantie au nom de JVC.

5. Dénégation des dommages indirects :

Dans la mesure permise par la loi, JVC nie toute responsabilité pour perte de temps ou d'usage de ses produits, des coûts de transport ou tout autre dommage ou inconfort indirect, accidentel et conséquent.

Veuillez poster à l'adresse ci-dessous.

Nouveau

**Vous pouvez également vous
enregistrer par internet à; www.jvc.ca**

à découper ici

Place stamp
here
Placez votre
timbre ici

JVC CANADA INC.

21 Finchdene Square
Toronto, ON M1X 1A7

TO OUR VALUED CUSTOMER ———

THANK YOU FOR PURCHASING THIS JVC PRODUCT.

WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

**NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?**

JVC[®] IS HERE TO HELP!
TOLL FREE: 1(800)252-5722
<http://www.jvc.com>

Remember to retain your Bill of Sale for Warranty Service.

————— **Do not attempt to service the product yourself** —————

Caution

To prevent electrical shock, do not open the cabinet.

There are no user serviceable parts inside.

Please refer to qualified service personnel for repairs.



LIMITED WARRANTY

1-1 **USA ONLY**

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVC Americas Corp. (JVC) warrants this product and all parts thereof, except as set forth below **ONLY TO THE ORIGINAL RETAIL PURCHASER** to be **FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP** from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS	1 YR	LABOR	1 YR
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THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis. Color televisions with a screen size of 37" class or greater qualify for in-home service. In such cases, a technician will come to your home and either repair the TV there or remove and return it if it cannot be repaired in your home.

WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer

Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website <http://www.jvc.com>. If your product qualifies for in-home service, the service representative will require clear access to the product.

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

WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

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

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

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

JVC AMERICAS CORP.

1700 Valley Road, Wayne, New Jersey 07470

<http://www.jvc.com>

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

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

Model No. : _____

Serial No. : _____

Purchase date : _____

Name of dealer : _____