

JVC

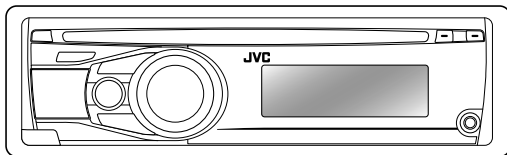
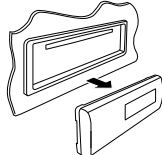
ENGLISH

ESPAÑOL

FRANÇAIS

KD-A315 / KD-R310

CD RECEIVER / RECEPTOR CON CD /
RÉCEPTEUR CD



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

GET0626-001A

[J]

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. IEC02025-1:2001 (ENG)	ATTENTION RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	AVISO RADIACION LASER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTA ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL OPTICO. (ESP)	VARNING SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	注意 こゝを開くと可視 及び不可視レーザー のクラス1M レーザー放射が 出ます。 光学機器で直接 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]

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.

How to read this manual

The following icons/symbols are used to indicate:



Press and hold the button(s) until the desired operation begins.



Turn the control dial.



Turn the control dial to make a selection, then press to confirm.



Reference page number

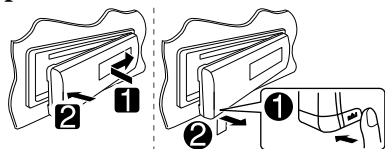


Menu setting item

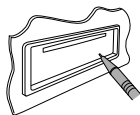


Continued on the next page

How to attach/detach the control panel

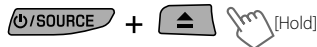


How to reset your unit



Your preset adjustments will also be erased (except the registered Bluetooth device). (🔍 10)

How to forcibly eject a disc



- You can forcibly eject the loaded disc even if the disc is locked. To lock/unlock the disc, (🔍 8).
- Be careful not to drop the disc when it ejects.
- If this does not work, reset your unit.

Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

CONTENTS

- 3 How to read this manual
- 3 How to attach/detach the control panel
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Canceling the display demonstration

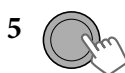
1 Turn on the power.



2 MENU [Hold]



4 Select <DEMO OFF>.



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.

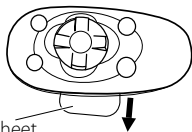


7 Finish the procedure.



Preparing the remote controller

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



Insulation sheet

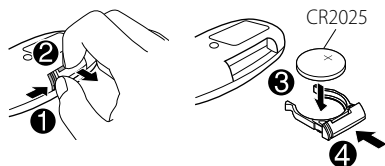
For USA-California Only:

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



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):

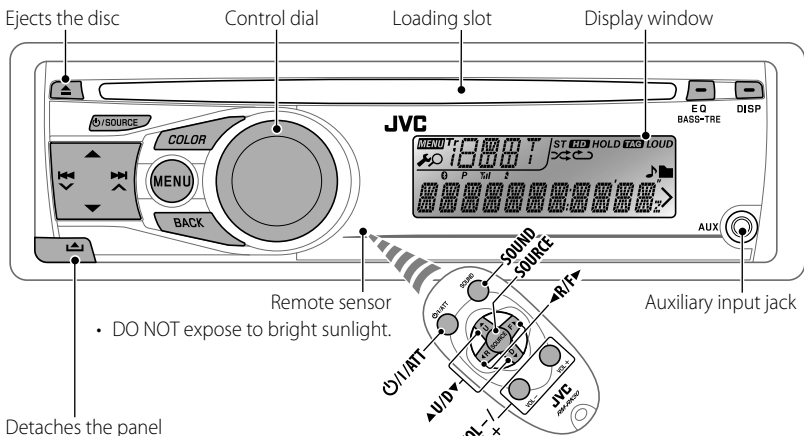
- Do not install any battery other than CR2025 or its equivalent.
- Do not leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time.
- Store the battery in a place where children cannot reach.
- Do not recharge, short, disassemble, heat the battery, or dispose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

KD-A315 is equipped with the steering wheel remote control function.

Before operating, connect an exclusive remote adapter (not supplied) which matches your car to the steering wheel remote input terminal on the rear of the unit.



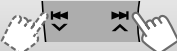
- For details, refer also to the instructions supplied with the remote adapter.

Basic operations




Main unit	Remote controller	General operation
⏻/SOURCE	⏻/ATT	Turns on. • When the power is on, pressing ⏻/ATT on the remote controller also mutes the sound or pauses. Press ⏻/ATT again to cancel muting or resume playback.
	SOURCE	Turns off if pressed and held. Selects the available sources (if the power is turned on). • If the source is ready, playback also starts.
Control dial	VOL - VOL +	Adjusts the volume level.
	—	Selects items.
Control dial (touch)	—	• Mutes the sound during playback. If the source is "CD," playback pauses. Press the control dial again to cancel muting or resume playback. • Confirms selection.
EQ BASS-TRE	SOUND	Selects the sound mode. • Enters tone level adjustment directly (🔍 19) if pressed and held EQ BASS-TRE on the main unit.
COLOR	—	• Enters <COLOR> setting directly (🔍 22). • Enters <COLOR SETUP> setting directly (🔍 22) if pressed and held.
BACK	—	Returns to the previous menu.
DISP	—	Power off : Checks the current clock time. Power on : Changes the display information.

Listening to the radio





-  1  /SOURCE
⇒ "FM" or "AM"
-  2 

"ST" lights up when receiving an FM stereo broadcast with sufficient signal strength.

Manual search


- 
- "M" flashes, then press the button repeatedly.
- [Hold]


When an FM stereo broadcast is hard to receive

-  1  [Hold]
-  2 
⇒ <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 display information

- 
- Station name*** → **Frequency** →
Clock → (back to the beginning)





* If no title is assigned to a station, "NO NAME" appears for a few seconds. To assign a title to a station,  25.

Automatic presetting (FM)—


SSM (Strong-station Sequential Memory)

You can preset up to 18 stations for FM.

While listening to a station...

-  1  [Hold]
-  2 
⇒ <TUNER> ⇒ <SSM> ⇒
<SSM 01 – 06> / <SSM 07 – 12> /
<SSM 13 – 18>
"SSM" flashes and local stations with the strongest signal are searched and stored automatically.

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

If an HD Radio tuner box is connected ( 15), you can also search and store 6 stations for AM by following the above operations.



Manual presetting (FM/AM)

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

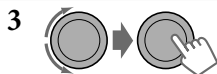
Ex: Storing FM station of 92.50 MHz into preset number "04."



⇒ "92.50MHz"



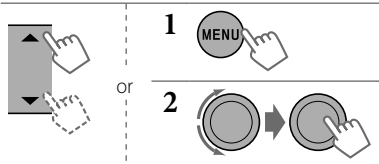
"PRESET MODE" flashes.



⇒ Selects preset number "04."

"P04" flashes and "MEMORY" appears.

Selecting a preset station



Using the remote controller



▲ U/D ▼ : Changes the preset stations

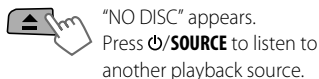
◀ R/F ▶ : Searches for stations

Listening to a disc



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

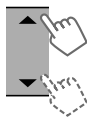
Stopping playback and ejecting the disc



Prohibiting disc ejection



To cancel the prohibition, repeat the same procedure.



Selects folder of the MP3/WMA

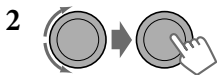


Selects track



Fast-forwards or reverses the track

Selecting a track/folder



For MP3/WMA discs, select the desired folder, then the desired track by repeating step 2.

- To return to the previous menu, press **BACK**.

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)

* If the current disc is an audio CD, "NO NAME" appears.

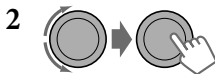
If an MP3/WMA file does not have Tag information or <TAG DISPLAY> is set to <TAG OFF> (📺 21), folder name and file name appear.

Caution on volume setting:

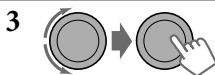
Discs produce very little noise compared with other sources. Lower the volume before playing a disc to avoid damaging the speakers by the sudden increase of the output level.

Selecting the playback modes

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



⇒ "REPEAT" ↔ "RANDOM"



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."

Using the remote controller



▲ U/D ▼ : Selects folder of the MP3/WMA

◀ R/F ▶ : Selects track

◀ R/F ▶ : Fast-forwards or [Hold] reverses the track

Using Bluetooth® devices

For Bluetooth operations, it is required to connect the Bluetooth adapter, KS-BTA200 (not supplied) to the expansion port on the rear of this unit.

- Refer to pages **i** and **ii** at the end of the manual to check the countries where you may use the Bluetooth® function.
- For details, refer also to the instructions supplied with the Bluetooth adapter and the Bluetooth device.

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").

Registration (Pairing) methods

Use either of the following items ("OPEN" or "SEARCH") in the Bluetooth menu to register and make the unit ready to establish a new Bluetooth connection with a device.

"OPEN" : Connection is established by operating the Bluetooth device.

"SEARCH" : Connection is established by operating the unit.

Registering using "OPEN"

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



⇒ "BT-PHONE" or "BT-AUDIO"



⇒ "NEW DEVICE" ⇒ "OPEN"



⇒ Enter a PIN (Personal Identification Number) code in to the unit.

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

[Initial: 0000]

- Some devices have their own PIN code. Enter the specified PIN code in to the unit.

4 Repeat step **3** until you have finished entering the PIN code.



"OPEN.." flashes.

6 Use the Bluetooth device to search and connect.

On the device to be connected, enter the same PIN code you have just entered for this unit. "CONNECTED" appears.

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

The device remains registered even after you disconnect the device. Use "CONNECT" (or activate "AUTO CNNECT") to connect the same device from next time on. (🔍 11, 14)

Registering a device ("SEARCH"/"SPECIAL")



⇒ "BT-PHONE" or "BT-AUDIO"



⇒ "NEW DEVICE"



⇒ "SEARCH": To search for available devices
The unit searches and displays the list of the available devices. "UNFOUND" appears if no available device is detected.

----- or -----

⇒ "SPECIAL": To connect a special device
The unit displays the list of the preset devices.



⇒ Select a device you want to connect.

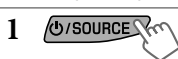
5 For available devices...

⇒ Enter the specific PIN code of the device to the unit.
• Refer to the instructions supplied with the device to check the PIN code.
Use the Bluetooth device to connect.
Now connection is established and you can use the device through the unit.

For special device...

Use "OPEN" or "SEARCH" to connect.

Connecting/disconnecting/ deleting a registered device



⇒ "BT-PHONE" or "BT-AUDIO"



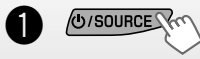
⇒ Select a device you want to connect/disconnect/delete.



⇒ "CONNECT" or "DISCONNECT": To connect/disconnect the selected device
----- or -----
⇒ "DELETE" ⇒ "YES": To delete the selected device

You can set the unit to connect the Bluetooth device automatically when the unit is turned on. ("AUTO CNNECT," 14)

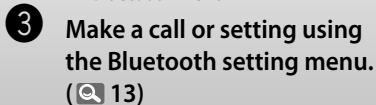
Using a Bluetooth mobile phone



⇒ "BT-PHONE"




⇒ Bluetooth menu








When a call comes in....

The source is automatically changed to "BT-PHONE."

- The display will flash in blue. (<RING COLOR>,  22)

When "AUTO ANSWER" is activated....


The unit answers the incoming calls automatically. ( 14)


- When "AUTO ANSWER" is deactivated, press any button (except  /SOURCE /  / ) to answer the incoming call.
- You can adjust the microphone volume level. ( 14)

To end the call

Hold any button (except  /SOURCE /  / )

When a text message comes in....

If the mobile phone is compatible with text message (notified through JVC Bluetooth adapter) and "MSG INFO" (message info) is set to "AUTOMATIC" ( 14), the unit rings to inform you of the message arrival.

- "RCV MESSAGE" (receiving message) appears and the display illuminate in blue. (<RING COLOR>,  22)

Using the remote controller



▲ U/D ▼ / : Answers calls
◀ R/F ▶ /SOURCE

▲ U/D ▼ / : Rejects calls
◀ R/F ▶ /SOURCE
[Hold]

Making a call



⇒ "BT-PHONE"



⇒ Select "DIAL" menu.



⇒ Select a calling method.

PHONE BOOK* ↔ MISSED* ↔

NUMBER ↔ VOICE DIAL ↔

REDIAL* ↔ RECEIVED* ↔ (back to the beginning)

5 For REDIAL, RECEIVED, MISSED

⇒ Repeat step 4 to select a name (if it is acquired) or a phone number.

For PHONE BOOK

⇒ Repeat step 4 to select a name or a phone number.

For NUMBER



⇒ Enter a phone number.



⇒ Confirm.

For VOICE DIAL

⇒ Speak the name you want to call when "SAY NAME" appears.

- If your mobile phone does not support the voice recognition system, "ERROR" appears.
- Using voice tags may be difficult in a noisy environment or during an emergency.

• To return to the previous menu, press ▲.

*Displays only when your mobile phone is equipped with these functions and is compatible with this unit.

Using a Bluetooth audio player



⇒ "BT-AUDIO"

If playback does not start, operate the Bluetooth audio player to start playback. Operate the Bluetooth audio player to pause (if playback does not pause when you change the source).



Reverse skips/forward skips



Pauses/starts playback*
* Operation may be different according to the connected Bluetooth audio player.



Enter setting menu (Device list)

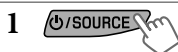
For connecting/disconnecting/deleting a registered device, 11.

Using the remote controller



◀R/F▶ : Reverse skips/forward skips

Changing the Bluetooth settings



⇒ "BT-PHONE" or "BT-AUDIO"



⇒ Bluetooth menu



⇒ "SETTINGS"



⇒ Select a setting item.

AUTO CNNECT ↔ **AUTO ANSWER***¹

↔ **MSG INFO***² ↔ **MIC SETTING***¹

↔ **VERSION***³ ↔ (back to the beginning)



⇒ Change the setting accordingly. For setting menu, 14.

*¹ Appears only when a Bluetooth phone is connected.

*² Appears only when a Bluetooth phone is connected and it is compatible with text message (notified through JVC Bluetooth adapter).

*³ Bluetooth Audio: Shows only "Version."



Setting menu (___ : Initial)

AUTO CNNCT (connect)

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

OFF: No Bluetooth device.

LAST: The last connected Bluetooth device.

ORDER: The available registered Bluetooth device found at first.

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."

AUTOMATIC: The unit informs you of the arrival of a message by ringing and displaying "RCV MESSAGE" (receiving message).

- The display illuminate in blue. (<RING COLOR>,  22)

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 microphone volume connected to the Bluetooth adapter, [LEVEL 01/02/03].

VERSION

The Bluetooth software and hardware versions are shown.

Warning messages

ERROR CNNCT (Error Connection)

The device is registered but the connection has failed. Use "CONNECT" to connect the device again. ( 11)

ERROR

Try the operation again. If "ERROR" appears again, check if the device supports the function you have tried.

UNFOUND

No available Bluetooth device is detected by "SEARCH."

LOADING*

The unit is updating the phone book.

PLEASE WAIT

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).

RESET 8

Check the connection between the adapter and this unit.

**Displays only when your mobile phone is equipped with these functions and is compatible with this unit.*

Bluetooth Information:

If you wish to receive more information about Bluetooth, visit the following JVC web site: <<http://www.jvc.co.jp/english/car/>> (English website only)

Listening to the HD Radio™ Broadcast

Before operating, connect HD Radio tuner box, KT-HD300 (not supplied) to the expansion port on the rear of the unit.

- For details, refer also to the instructions supplied with the HD Radio tuner box.

What is HD Radio Technology?

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

- When the HD Radio tuner box is connected, it can also receive conventional analog broadcasts.
- Many HD Radio stations also 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/.

For basic radio operations,  7, 8.

When receiving...

An HD Radio station

Lights up when digital audio is broadcast
Flashes when analog audio is broadcast



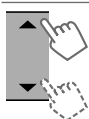
Station Call Sign appears.

HD Radio multicast channels



Channel number

First four letters of Call Sign



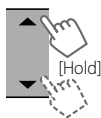
Select your desired channel.

HD1 ↔ HD2 ↔ ... ↔ HD8

↔ (back to the beginning)

"LINKING" appears while linking to a multicast channel.

Searching for HD Radio stations only

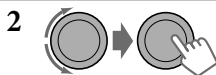


"HD" flashes.

Changing HD Radio reception mode

While receiving an HD Radio broadcast, the unit receives digital or analog audio automatically due to the receiving condition.

While listening to an HD Radio station...



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

"HD" lights up when holding the digital reception or flashes when holding the analog reception.

- If no sound can be heard with <AUTO>, change the setting to <ANALOG> or <DIGITAL>.
- The setting automatically changes to <AUTO> if you tune in to or change to another station, or if you turn off the power.



- This setting cannot take effect for the conventional FM/AM stations.
- If the radio station forces the reception mode to digital, the HOLD indicator flashes.

Using the remote controller



▲ **U/D** ▼ : Changes the preset stations

◀ **R/F** ▶ : Searches for stations

Changing the display information



Call Sign *1 → **Frequency** → **Title/artist/album name of the current segment** *2 → **Clock** → (back to the beginning)

*1 "**** -FM" or "****" appears when no Call Sign is received.

*2 "NO TEXT" appears when no text is received.

Listening to the satellite radio

Before operating, connect either one of the following systems (not supplied) to the expansion port on the rear of this unit.

For listening to a SIRIUS Satellite radio:

- SC-C1 and KS-SRA100
- PnP, SC-VDOC1 and KS-SRA100

For listening to an XM Satellite radio:

- JVC Smart Digital Adapter (XMDJVC100)
- CNP2000UC and CNPJVC1

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

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.

1



⇒ "SIRIUS" or "XM"

2



⇒ Select a category.

SIRIUS: If you select "ALL," you can tune in to all the channels of all categories.

3



⇒ Select a channel to listen.

Holding the button changes the channels rapidly.

While searching, invalid and unsubscribed channels are skipped.

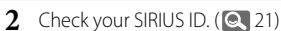
XM: If you do not select a channel within 15 seconds, category selected in step 2 is canceled. You can select all channels of all categories now (including non-categorised channels).

Activate your SIRIUS subscription after connection



⇒ "SIRIUS"

SIRIUS Satellite radio starts updating all the SIRIUS channels. Once completed, SIRIUS Satellite radio tunes in to the preset channel, CH184.



- 3 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.

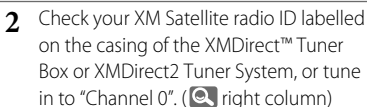
Activate your XM subscription after connection

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



⇒ "XM"

XMDirect™ Tuner Box or XMDirect2 Tuner System starts updating all the XM channels. "Channel 1" is tuned in automatically.



- 3 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 unit tunes in to one of the available channels (Channel 4 or higher).

Storing channels in memory

You can preset up to 18 channels for both SIRIUS and XM.

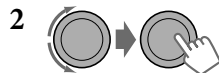
Ex.: Storing channel into preset number "04."



⇒ Select preset number "04."



Selecting SIRIUS/XM preset station



Checking the satellite radio ID

While selecting "SIRIUS" or "XM"...



⇒ Select "Channel 0."

SIRIUS: SIRIUS identification number is displayed after "Channel 0" is selected.

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

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



Using the remote controller



- ▲ U/D ▼ : Changes the categories
- ◀ R/F ▶ : Changes the channels
- ◀ R/F ▶ : Changes the channels rapidly [Hold]

Changing the display information



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

* Only for SIRIUS Satellite radio.

Listening to the other external components

You can connect an external component to:

- **EXT INPUT:** Expansion port on the rear of this unit using the following adapters (not supplied):
 - KS-U57, Line Input Adapter
 - KS-U58, AUX Input Adapter**Preparation:** Make sure <EXT ON> is selected for the <SRC SELECT> → <EXT IN> setting. (🔍 24)
- **AUX IN:** AUX (auxiliary) input jack on the control panel.
Preparation: Make sure <AUX ON> is selected for the <SRC SELECT> → <AUX IN> setting. (🔍 24)

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



⇒ "EXT INPUT" or "AUX IN"

2

Turn on the connected component and start playing the source.

3

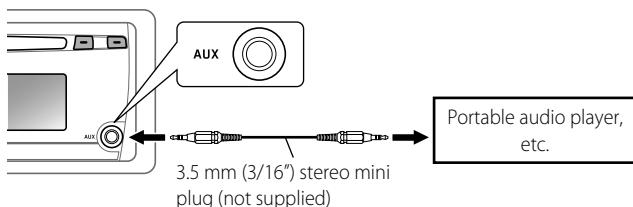


⇒ Adjust the volume.

4

Adjust the sound as you want. (🔍 19)

Connecting an external component to the AUX input jack



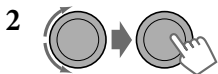
Selecting a preset sound mode

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



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

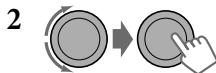
While listening, you can adjust the tone level of the selected sound mode.



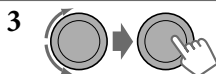
Adjust the level (-06 to +06) of the selected tone (BASS / MIDDLE / TREBLE). The sound mode is automatically stored and changed to "USER."

Storing your own sound mode

You can store your own adjustments in memory.



⇒ <PRO EQ> ⇒ <BASS> / <MIDDLE> / <TREBLE>



Adjust the sound elements of the selected tone. (🔍 table on the left)


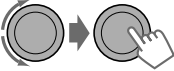
4 Repeat steps **2** and **3** to adjust other tones.

The adjustments made will be stored automatically in "USER."

The current sound mode changes to "USER" automatically.

Tone	Sound element		
	Frequency	Level	Q
BASS	60 Hz	-06 to +06	Q1.0
	80 Hz		Q1.25
	100 Hz		Q1.5
	200 Hz		Q2.0
MIDDLE	0.5 kHz	-06 to +06	Q0.75
	1.0 kHz		Q1.0
	1.5 kHz		Q1.25
	2.5 kHz		
TREBLE	10.0 kHz	-06 to +06	Q FIX
	12.5 kHz		
	15.0 kHz		
	17.5 kHz		





Menu operations

- 1  [Hold]
- 2 
- 3 Repeat step 2 if necessary.
 - To return to the previous menu, press **BACK**.
 - To exit from the menu, press **DISP** or **MENU**.

Category	Menu item	Selectable setting, [Initial: <u>Underlined</u>]
DEMO	DEMO Display demonstration	<ul style="list-style-type: none"> • <u>DEMO ON</u> : Display demonstration will be activated automatically if no operation is done for about 20 seconds. (🔍 4) • DEMO OFF : Cancels.
	CLOCK SET Clock setting	— : Adjust the hour, then the minute. (🔍 4) <u>[1:00]</u>
CLOCK	CLOCK ADJ *1 Clock adjustment	<ul style="list-style-type: none"> • <u>AUTO</u> : The built-in clock is automatically adjusted using the clock data provided via the satellite radio channel. • OFF : Cancels.
	TIME ZONE *1,*2	<u>EASTERN,</u> <u>ATLANTIC,</u> <u>NEWFOUND,</u> <u>ALASKA,</u> <u>PACIFIC,</u> <u>MOUNTAIN,</u> <u>CENTRAL</u> : Select your residential area from one of the time zones for clock adjustment.
	DST *1,*2 Daylight savings time	<ul style="list-style-type: none"> • <u>DST ON</u> : Activates daylight savings time if your residential area is subject to DST. • DST OFF : Cancels.
	BASS	— : For settings, 🔍 19.
PRO EQ	MIDDLE	
	TREBLE	

*1 Displayed only when SIRIUS Satellite radio or XM Satellite radio is connected.

*2 Displayed only when <CLOCK ADJ> is set to <AUTO>.

Category	Menu item	Selectable setting, [Initial: <u>Underlined</u>]
DISPLAY	DIMMER	<ul style="list-style-type: none"> • DIMMER ON : Dims the display and button illumination. • DIMMER OFF : Cancels.
	SCROLL *3	<ul style="list-style-type: none"> • SCROLL ONCE : Scrolls the displayed information once. • SCROLL AUTO : Repeats scrolling (at 5-second intervals). • SCROLL OFF : Cancels. Pressing DISP for more than one second can scroll the display regardless of the setting.
	TAG DISPLAY	<ul style="list-style-type: none"> • TAG ON : Shows the Tag information while playing MP3/WMA tracks. • TAG OFF : Cancels.
TUNER	SSM Strong-station Sequential Memory	<ul style="list-style-type: none"> • SSM 01 – 06 *4 : For settings,  7. • SSM 07 – 12 • SSM 13 – 18
	AREA Tuner channel interval	<ul style="list-style-type: none"> • AREA US : When using in North/Central/South America. AM/FM intervals are set to 10 kHz/200 kHz. • AREA EU : When using in any other areas. AM/FM intervals are set to 9 kHz/50 kHz (100 kHz during auto search). • AREA SA : When using in South American countries where FM interval is 100 kHz. AM interval is set to 10 kHz.
	MONO *5 Monaural mode	<ul style="list-style-type: none"> • MONO ON : Activate monaural mode to improve FM reception, but stereo effect will be lost. ( 7) • MONO OFF : Restore the stereo effect.
	SID *6 SIRIUS ID	<ul style="list-style-type: none"> — : Your SIRIUS identification number scrolls on the display 5 seconds after "SID" is selected. ( 17) If no operation is done for about 60 seconds, the unit returns to playback mode.
	BLEND HOLD *7 HD Radio reception mode	<ul style="list-style-type: none"> • AUTO : Switch between digital and analog audio automatically. ( 15) • DIGITAL : Tune in to digital audio only. • ANALOG : Tune in to analog audio only.

*3 Some characters or symbols will not be shown correctly (or will be blanked) on the display.






*4 If an HD Radio tuner box is connected, you can also search and store the AM stations to <SSM 01 – 06>.

*5 Displayed only when the source is "FM" or "HD Radio."

*6 Displayed only when SIRIUS Satellite radio is connected.

*7 Displayed only when HD Radio tuner box is connected.



Category	Menu item	Selectable setting, [Initial: <u>Underlined</u>]
TUNER	IF BAND Intermediate frequency band	<ul style="list-style-type: none"> • 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.
	BUTTON ZONE	COLOR 01 — : For settings,  24. [COLOR 06]
COLOR	DISP ZONE Display zone	COLOR 29, USER : For settings,  24. [COLOR 01]
	ALL ZONE	: For settings,  24. [COLOR 06]
	DAY COLOR	<ul style="list-style-type: none"> • BUTTON ZONE : For settings,  24, 25. • DISP ZONE
COLOR SETUP	NIGHT COLOR	<ul style="list-style-type: none"> • BUTTON ZONE : For settings,  24, 25. • DISP ZONE
	MENU COLOR	<ul style="list-style-type: none"> • ON : Changes the display and buttons (except for ▲ / EQ BASS-TRE / DISP) illumination during menu, list search and playback mode operations. • OFF : Cancels.
	RING COLOR * ⁸	<ul style="list-style-type: none"> • ON : When a call comes in, the display will flash in blue. • The display will change to the original color when the call is answered or the incoming call stops. When the unit receives a text message, the display only illuminate in blue. • OFF : Cancels.
	FADER * ⁹	R06 – F06 [00] : Adjust the front and rear speaker output balance.
AUDIO	BALANCE * ¹⁰	L06 – R06 [00] : Adjust the left and right speaker output balance.
	LOUD Loudness	<ul style="list-style-type: none"> • LOUD ON : Boost low and high frequencies to produce a well-balanced sound at a low volume level. • LOUD OFF : Cancels.

*⁸ Displayed only when Bluetooth adapter, KS-BTA200 is connected.

*⁹ If you are using a two-speaker system, set the fader level to "00."

*¹⁰ This adjustment will not affect the subwoofer output.

Category	Menu item	Selectable setting, [Initial: <u>Underlined</u>]
AUDIO	VOL ADJUST Volume adjust	VOL ADJ -05 — : Preset 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. VOL ADJ +05 [VOL ADJ 00] • Before making an adjustment, select the source you want to adjust. • "VOL ADJ FIX" appears on the display if "FM" is selected as the source.
	L/O MODE Line output mode	• SUB.W : Select if the REAR LINE OUT terminals are used for connecting a subwoofer (through an external amplifier). • REAR : Select if the REAR LINE OUT terminals are used for connecting the speakers (through an external amplifier).
	SUB.W FREQ *11 Subwoofer cutoff frequency	• LOW : Frequencies lower than 72 Hz are sent to the subwoofer. • MID : Frequencies lower than 111 Hz are sent to the subwoofer. • HIGH : Frequencies lower than 157 Hz are sent to the subwoofer.
	SUB.W LEVEL *11 Subwoofer level	SUB.W 00 — : Adjust the subwoofer output level. SUB.W 08 [SUB.W 04]
	BEEP Keytouch tone	• BEEP ON : Activates the keypress tone. • BEEP OFF : Deactivates the keypress tone.
	AMP GAIN *12 Amplifier gain control	• LOW POWER : VOLUME 00 – VOLUME 30 (Select if the maximum power of each speaker is less than 50 W to prevent damaging the speakers.) • HIGH POWER : VOLUME 00 – VOLUME 50

*11 Displayed only when <L/O MODE> is set to <SUB.W>.

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



Category	Menu item	Selectable setting, [Initial: <u>Underlined</u>]
SRC SELECT	AM *13 AM station	<ul style="list-style-type: none"> • <u>AM ON</u> : Enable "AM" in source selection. • <u>AM OFF</u> : Disable "AM" in source selection.
	EXT IN *14 External input	<ul style="list-style-type: none"> • <u>EXT ON</u> : Enable "EXT IN" in source selection. • <u>EXT OFF</u> : Disable "EXT IN" in source selection.
	AUX IN *15 Auxiliary input	<ul style="list-style-type: none"> • <u>AUX ON</u> : Enable "AUX IN" in source selection. • <u>AUX OFF</u> : Disable "AUX IN" in source selection.

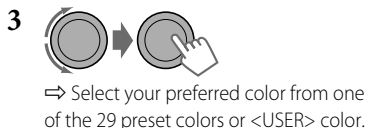
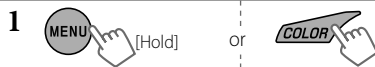
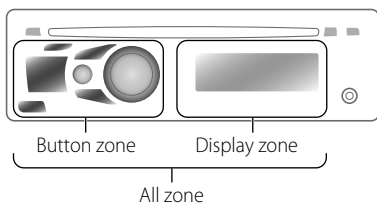
*13 Displayed only when any source other than "AM" is selected.

*14 Displayed only when any source other than "EXT INPUT" is selected.

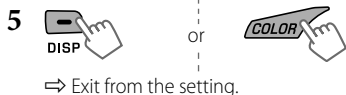
*15 Displayed only when any source other than "AUX IN" is selected.

Selecting the variable buttons and display color illumination

You can select your preferred color for buttons illumination (except for **▲ / EQ BASS-TRE / DISP**) and display color separately.



- 4** Repeat steps 2 and 3 to select a different zone and your preferred color.
- If <ALL ZONE> is selected in step 2, the buttons and display illumination changed to the current/selected <BUTTON ZONE> color. You can also change the <ALL ZONE> color to one of your preferred color by performing step 3.



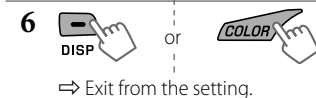
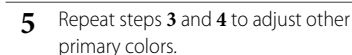
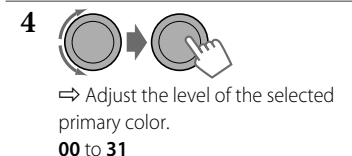
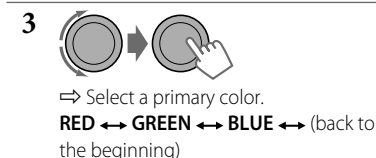
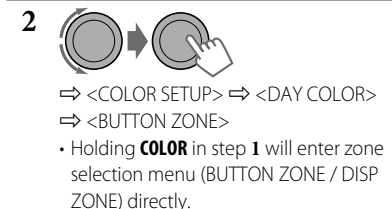
Creating your own day and night colors—USER

You can create your own colors for <DAY COLOR> and <NIGHT COLOR> to apply to button zone and display zone.

- <DAY COLOR> Displayed when <DIMMER> is set to <DIMMER OFF>.
- <NIGHT COLOR> Displayed when <DIMMER> is set to <DIMMER ON>.

Menu hierarchy		Operation	
COLOR SETUP	DAY COLOR	• BUTTON ZONE	Follow example below.
		• DISP ZONE	Press BACK after step 5, then select DISP ZONE in step 2.
	NIGHT COLOR	• BUTTON ZONE	Press BACK after step 5, then select NIGHT COLOR in step 2.
		• DISP ZONE	

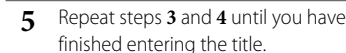
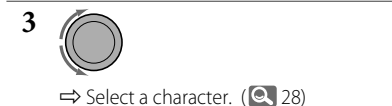
Ex.: Creating <USER> color for <BUTTON ZONE> in <DAY COLOR>.



Title assignment

You can assign titles to 30 station frequencies (FM and AM) using 8 characters (maximum) for each title.

- If you try to assign titles to more than 30 station frequencies, "NAME FULL" appears. Delete unwanted titles before assignment.
- When HD Radio tuner box is connected, this feature will be disabled.



To erase the entire title, press and hold DISP is step 2, then press the control dial to confirm.

More about this unit

Basic operations

Turning off the power

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

General

- If you change the source while listening to a disc, playback stops. Next time you select "CD" as the playback source, playback will start from where it had been stopped previously.
- After ejecting a disc, "NO DISC" appears and you cannot operate some of the buttons. Insert another disc or press **⏪/SOURCE** to select another playback source.
- If no operation is done for about 60 seconds after pressing **MENU** button, the operation will be canceled.

Tuner operations

Storing stations in memory

- During SSM search...
 - All previously stored stations are erased and the stations are stored anew.
 - When SSM is over, the station stored in the lowest preset number will be automatically tuned in.
- When storing a station manually, the previously preset station is erased when a new station is stored in the same preset number.

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 is inserted upside down, "PLEASE" and "EJECT" appear alternately on the display. Press **▲** to eject the disc.
- MP3 and WMA "tracks" (words "file" and "track" are used interchangeably) are recorded in "folders."
- While fast-forwarding or reversing on 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 only play back files of the same type as those detected first 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 has occurred on the lens inside the unit.
 - The pickup lens inside the unit is dirty.
 - The files on the CD-R/CD-RW are written using the “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 a protective seal stuck to the surface.
 - Discs on which labels can be directly printed by an ink jet printer.
 Using these discs under high temperature or high humidity may cause malfunctions or damage to the unit.
- 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: up to 12 characters
 - ISO 9660 Level 2: up to 31 characters
 - Romeo: up to 128 characters
 - Joliet: up to 64 characters
 - Windows long file name: up to 128 characters
- This unit can recognize a total of 512 files, 255 folders, and 8 hierarchical levels.
- This unit can play back files recorded in VBR (variable bit rate).
 - Files recorded in VBR have a discrepancy in the elapsed time display, and do not show the actual elapsed time. In particular, this difference becomes noticeable after performing the search function.
- This unit cannot play back the following files:
 - MP3 files encoded in MP3i and MP3 PRO format.
 - MP3 files encoded in an inappropriate format.
 - MP3 files encoded with Layer 1/2.
 - WMA files encoded in lossless, professional, and voice format.
 - WMA files which are not based upon Windows Media® Audio.
 - WMA files copy-protected with DRM.
 - Files which have data such as AIFF, ATAC3, etc.
- The search function works but search speed is not constant.

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).
- 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: 8 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, Windows long file name



Ejecting a disc

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

Bluetooth operations

- While driving, do not perform complicated operation such as dialing 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 the circumstances around you.
- When the unit is turned off, the device is disconnected.

HD Radio reception

- HD Radio broadcasting can normally be received in the USA, and it may also be received in countries where limited broadcasting has already begun.
- During SSM search...
 - All stations including conventional FM/AM stations are searched and stored for the selected band.

Satellite radio

- 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>>.

Available characters

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	R
S	T	U	V	W	X	Y	Z	0
1	2	3	4	5	6	7	8	9
—	/	<	>	Space				

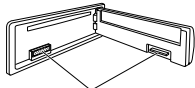
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- "SIRIUS" and the SIRIUS dog logo are registered trademarks of SIRIUS Satellite Radio Inc.
- XM and its corresponding logos are registered trademarks of XM Satellite Radio Inc.
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Maintenance

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.



Connectors

Moisture condensation

Moisture may condense on the lens inside the unit in the following cases:

- After starting the heater in the car.
 - If it becomes very humid inside the car.
- Should this occur, the unit may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture has evaporated.

How to handle discs

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

Center holder



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

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

- Make sure to store discs in cases after use.

To keep discs clean

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



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








To play new discs

New discs may have some rough spots around the inner and outer edges. If such a disc is used, this 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 (semitransparent disc) 
Transparent or semitransparent parts on its recording area 	

Troubleshooting

	Symptom	Remedy/Cause
General	Sound cannot be heard from the speakers.	<ul style="list-style-type: none"> • Adjust the volume to the optimum level. • Make sure the unit is not muted/paused (🔊 6). • Check the cords and connections.
	"PROTECT" 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 (🔊 3). If "PROTECT" does not disappear, consult your JVC car audio dealer or a company supplying kits.
	The unit does not work at all.	Reset the unit. (🔊 3)
	"AUX" cannot be selected.	Check the <SRC SELECT> → <AUX IN> setting. (🔊 24)
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. (🔊 24)
Disc playback	Disc cannot be played back.	Insert the disc correctly.
	<ul style="list-style-type: none"> • CD-R/CD-RW cannot be played back. • Tracks on the CD-R/CD-RW cannot be skipped. 	<ul style="list-style-type: none"> • Insert a finalized CD-R/CD-RW. • Finalize the CD-R/CD-RW with the component which you used for recording.
	Disc can neither be played back nor ejected.	<ul style="list-style-type: none"> • Unlock the disc. (🔊 8) • Eject the disc forcibly. (🔊 3)
	Disc sound is sometimes interrupted.	<ul style="list-style-type: none"> • 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.

	Symptom	Remedy/Cause
MP3/WMA playback	Disc cannot be played back.	<ul style="list-style-type: none"> • 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. (Do not add the extension code <.mp3> or <.wma> to non-MP3 or WMA tracks.)
	A longer readout time is required ("READING" keeps flashing on the display).	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.
	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.
Bluetooth*	Bluetooth device does not detect the unit.	The unit can be connected with one Bluetooth mobile phone and one Bluetooth audio device at a time. While connecting a device, this unit cannot be detected from another device. Disconnect currently connected device and search again.
	The unit does not detect the Bluetooth device.	<ul style="list-style-type: none"> • Check the Bluetooth setting of the device. • Search from the Bluetooth device. After the device detects the unit, select "OPEN" on the unit to connect the device. (📶 10)


* For Bluetooth operations, refer also to the instructions supplied with the Bluetooth Adapter.



	Symptom	Remedy/Cause
Bluetooth	The unit does not make pairing with the Bluetooth device.	<ul style="list-style-type: none"> • Enter the same PIN code for both the unit and target device. • Select the device name from "SPECIAL," then try to connect again. (🔍 11) • Try to pair/connect from the Bluetooth device.
	Echo or noise occurs.	Adjust the microphone unit position.
	Phone sound quality is poor.	<ul style="list-style-type: none"> • Reduce the distance between the unit and the Bluetooth mobile phone. • Move the car to a place where you can get a better signal reception.
	The sound is interrupted or skipped during playback of a Bluetooth audio device.	<ul style="list-style-type: none"> • Reduce the distance between the unit and the Bluetooth audio device. • Disconnect the device connected for "BT-PHONE." • Turn off, then turn on the unit. • (When the sound is not yet restored,) connect the device again.
	The connected audio device cannot be controlled.	Check whether the connected audio device supports AVRCP (Audio/Video Remote Control Profile).
HD Radio reception	Sound quality changes when receiving HD Radio stations.	Fix the reception mode either to <DIGITAL> or <ANALOG>. (🔍 15, 21)
	No sound can be heard.	<ul style="list-style-type: none"> • <ANALOG> is selected when receiving all digital broadcast of HD Radio station. Select <DIGITAL> or <AUTO>. (🔍 15, 21) • <DIGITAL> is selected when receiving weak digital signals or receiving conventional radio broadcast. Select <ANALOG> or <AUTO>. (🔍 15, 21)
	"RESET 8" appears on the display.	Reconnect this unit and the HD Radio tuner box correctly, then reset the unit.

	Symptom	Remedy/Cause
Satellite Radio	"CALL 1-888-539-SIRIUS TO SUBSCRIBE" scrolls on the display while listening to the SIRIUS Satellite radio.	Starts subscribing to SIRIUS Satellite radio. (📶 17)
	No sound can be heard. "UPDATING" appears on the display.	The unit is updating the channel information and it takes a few minutes to complete.
	"ACQUIRING" or "NO SIGNAL" appears on the display.	Move to an area where signals are stronger.
	"NO ANTENNA" or "ANTENNA" appears on the display.	Connect the antenna firmly.
	"NO CHANNEL" appears on the display for about 5 seconds, then returns to the previous channel or default channel while listening to the SIRIUS Satellite radio.	No broadcast on the selected channel. Select another channel or continue listening to the previous channel or default channel.
	Blank display appears.	No text information for the selected channel.
	"CH---" or "CH UNAVAIL" appears on the display for about 2 seconds, then returns to the previous channel while listening to the XM Satellite radio.	Selected channel is no longer available or is unauthorized. Select another channel or continue listening to the previous channel.
	"OFF AIR" appears on the display while listening to the XM Satellite radio.	Selected channel is not broadcasting at this time. Select another channel or continue listening to the previous channel.
	"LOADING" appears on the display while listening to the XM Satellite radio.	The unit is loading the channel information and audio. Text information are temporarily unavailable.
<ul style="list-style-type: none"> • "RESET 8" appears on the display. • Satellite radio does not work at all. 	Reconnect this unit and the satellite radio correctly and reset this unit.	

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)		
	Load Impedance:	4 Ω (4 Ω to 8 Ω allowance)		
	Tone Control Range:	Bass:	±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0	
		Middle:	±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25	
		Treble:	±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)	
	Frequency Response:	40 Hz to 20 000 Hz		
	Line-Out Level/Impedance:	KD-A315:	5.0 V/20 kΩ load (full scale)	
		KD-R310:	2.5 V/20 kΩ load (full scale)	
	Subwoofer-Out Level/Impedance:	KD-A315:	5.0 V/20 kΩ load (full scale)	
KD-R310:		2.5 V/20 kΩ load (full scale)		
Output Impedance:	1 kΩ			
Other Terminal:	AUX (auxiliary) input jack, Expansion port, Steering wheel remote input (only for KD-A315), Antenna input			
TUNER SECTION	Frequency Range:	FM:	with channel interval set to 100 kHz or 200 kHz	87.5 MHz to 107.9 MHz
			with channel interval set to 50 kHz	87.5 MHz to 108.0 MHz
		AM:	with channel interval set to 10 kHz	530 kHz to 1 710 kHz
			with channel interval set to 9 kHz	531 kHz to 1 602 kHz
	FM Tuner:	Usable Sensitivity:	9.3 dBf (0.8 μV/75 Ω)	
		50 dB Quieting Sensitivity:	16.3 dBf (1.8 μV/75 Ω)	
		Alternate Channel Selectivity (400 kHz):	65 dB	
		Frequency Response:	40 Hz to 15 000 Hz	
		Stereo Separation:	40 dB	
	AM Tuner:	Sensitivity:	20 μV	
Selectivity:		40 dB		

CD PLAYER SECTION	Type:		Compact disc player	
	Signal Detection System:		Non-contact optical pickup (semiconductor laser)	
	Number of Channels:		2 channels (stereo)	
	Frequency Response:		5 Hz to 20 000 Hz	
	Dynamic Range:		93 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 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 × H × D): (approx.)	Installation Size:	182 mm × 52 mm × 160 mm (7-3/16" × 2-1/16" × 6-5/16")	
		Panel Size:	188 mm × 58 mm × 6 mm (7-7/16" × 2-5/16" × 1/4")	
	Mass:		1.3 kg (2.9 lbs) (excluding accessories)	

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.



■ The countries where you may use the Bluetooth® function

- Die Länder, in denen Sie die Bluetooth® Funktion verwenden können
- Pays où vous pouvez utiliser la fonction Bluetooth®
- De landen waar u de Bluetooth®-functie mag gebruiken
- Países en los que se puede utilizar la función Bluetooth®
- Paesi nei quali è possibile utilizzare la funzione Bluetooth®
- Länder där du kan använda Bluetooth®-funktionen
- Lande, hvor du kan bruge Bluetooth®-funktionerne
- Land hvor du kan bruke Bluetooth®-funksjonen
- Maat, joissa voi käyttää Bluetooth®-toimintoa
- Países onde pode usar a função Bluetooth®
- Οι χώρες όπου μπορείτε να χρησιμοποιήσετε τη λειτουργία Bluetooth®
- Страны, где можно воспользоваться функцией Bluetooth®
- Země, ve kterých můžete využívat funkci Bluetooth®
- Azok az országok, amelyekben használhatjuk a Bluetooth®-funkciót
- Kraje, w których można używać funkcji Bluetooth®
- Države, kjer lahko uporabljate funkcijo Bluetooth®
- Krajiny, v ktorých môžete využívať funkciu Bluetooth®
- Valstis, kur jūs varat izmantot Bluetooth® funkciju
- Šalys, kuriose galite naudotis „Bluetooth®“ funkcija
- Il-pajjiżi fejn tista' tuża l-funzjoni Bluetooth®
- Lönd þar sem hægt er að nota Bluetooth®
- Riigid, kus on võimalik kasutada Bluetooth® funktsiooni
- Bluetooth® fonksiyonunu kullanabileceğiniz ülkeler
- Na tíortha inar féidir leat feidhmiú Bluetooth® a úsáid
- Länner an denen der d'Bluetooth® Funktioun benotze könnt.
- Ở những quốc gia mà bạn có thể sử dụng chức năng Bluetooth®
- Els països on podrà fer servir la funció Bluetooth®
- Zemlje u kojima je dozvoljena upotreba Bluetooth® funkcije.
- Zemlje u kojima možete koristiti Bluetooth® funkciju
- Zemlje u kojima je dopušteno koristiti Bluetooth®.
- Земљи каде можете да ја користите функцијата Bluetooth®
- Страните, в които можете да ползвате функцията Bluetooth®
- Tärile in care puteți utiliza funcția Bluetooth®
- Die lande waar u die Bluetooth®-funksie kan gebruik
- Amazwe lapho ungasebenzisa khona uhlelo lwe-Bluetooth®
- Negara-negara yang membolehkankan penggunaan fungsi Bluetooth®
- Negara-negara yang anda boleh menggunakan fungsi Bluetooth®
- 您能够使用 Bluetooth® 功能的国家
- 您能夠使用 Bluetooth® 功能的國家

■ המדינות שבהן באפשרותך להשתמש ב־Bluetooth®
■ الدول التي يمكنك استخدام وظيفة Bluetooth® فيها

Country
Andorra
الإمارات العربية المتحدة
Australia
Österreich
Bosna i Hercegovina
Belgien Belgique
България
Canada
Schweiz Suisse
Κύπρος Kıbrıs
Česká republika
Deutschland
Danmark
Eesti
España
Suomi Finland
France
United Kingdom
Ελλάδα
Hong Kong 香港 香港
Hrvatska
Magyarország
Indonesia
Ireland Éire
ישראל إسرائيل
Ísland
Italia
Lichtenstein
Lietuva

Country
Luxemburg Luxembourg Lëtzebuerg
Latvija
Monaco
Crna Gora
Македонија
Malta
Nederland
Norge
New Zealand
Polska
Portugal
România
Srbija
Россия
Sverige
Singapore 新加坡 Singapura
Slovenija
Slovensko
Türkiye
台灣
United States of America
Vietnam Việt Nam
South Africa ENingizimu Afrika Suid-Afrika

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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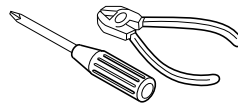
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JVC KD-A315/KD-R310

Installation/Connection Manual

Manual de instalación/conexión

Manuel d'installation/raccordement



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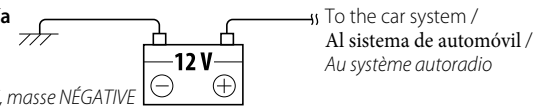
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ENGLISH / ESPAÑOL / FRANÇAIS

You need the installation kits which corresponds to your car. /
Necesitará los kits de instalación que corresponden con su vehículo. /
Vous avez besoin des kits d'installation correspondants à votre voiture.

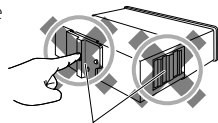
Check the battery system in your car / Verifique el sistema de batería
de su vehículo / Vérifiez le système de batterie de votre voiture.



12 V DC, NEGATIVE ground / 12 V CC, NEGATIVO a masa / 12 VCC, masse NÉGATIVE

WARNINGS / ADVERTENCIAS / AVERTISSEMENTS

- To prevent short circuits:
 - Disconnect the battery's negative terminal and make all electrical connections before installing the unit.
 - Cover the terminals of the UNUSED leads with insulating tape.
- Be sure to ground this unit to the car's chassis again after installation.
- Replace the fuse with one of the specified rating.
- 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 23 of the INSTRUCTIONS.)
- 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

- Para evitar cortocircuitos:
 - Desconecte el terminal negativo de la batería y realice todas las conexiones eléctricas antes de instalar la unidad.
 - Cubra los terminales de los conductores NO UTILIZADOS con cinta aislante.
- Asegúrese de volver a conectar a masa esta unidad al chasis del automóvil después de la instalación.
- Reemplace el fusible por uno con la corriente especificada.
- 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 23 del MANUAL DE INSTRUCCIONES.)
- El sumidero térmico estará muy caliente después del uso. Asegúrese de no tocarlo al desmontar esta unidad.

- Pour éviter les courts-circuits:
 - Déconnectez la borne négative de la batterie et réalisez toutes les connexions avant d'installer l'appareil.
 - Recouvrez les prises des fils NON UTILISÉS avec du ruban isolant.
- Assurez-vous de raccorder de nouveau la mise à la masse de cet appareil au châssis de la voiture après l'installation.
- Remplacer le fusible par un de la valeur précisée.
- 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 23 du MANUEL D'INSTRUCTIONS.)
- Le dissipateur de chaleur devient très chaud après usage. Faire attention de ne pas le toucher en retirant cet appareil.

INSTALLATION / INSTALACION / INSTALLATION

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.

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.

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

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

1

2

3

Do the required electrical connections. Realice las conexiones eléctricas requeridas. Réalisez les connexions électriques.

Install the unit at an angle of less than 30°. Instale la unidad a un ángulo de menos de 30°. Installez l'appareil avec un angle de moins de 30°.

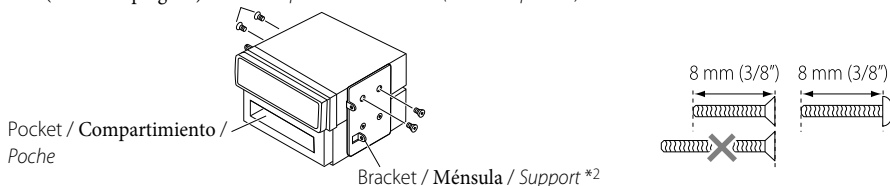
Bend the appropriate tabs to hold the sleeve firmly in place. Doble las lengüetas apropiadas para retener firmemente la manga en su lugar. Tordez les languettes appropriées pour maintenir le manchon en place.

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 × 8 mm (M5 × 3/8") / Tornillos de cabeza plana—M5 × 8 mm (M5 × 3/8 pulgada) / Vis à tête plate—M5 × 8 mm (M5 × 3/8 pouces) *2

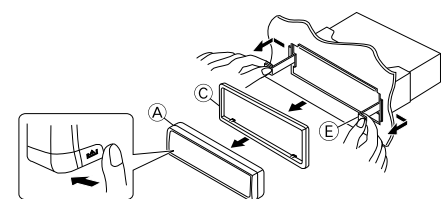


- *1 When you stand the unit, be careful not to damage the fuse on the rear.
- *2 Not supplied for this unit.

- *1 Al poner la unidad vertical, tenga cuidado de no dañar el fusible provisto en la parte posterior.
- *2 No suministrado con esta unidad.

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...



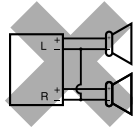
- *1 Lorsque vous mettez l'appareil à la verticale, faire attention de ne pas endommager le fusible situé sur l'arrière.
- *2 Non fourni avec cet appareil.

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?
- "PROTECT" 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 "PROTECT" 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?
- "PROTECT" 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 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?
- Cet 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?

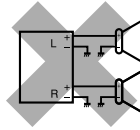
PRECAUTIONS on power supply and speaker connections

- 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.



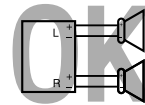
PRECAUCIONES sobre las conexiones de la fuente de alimentación y de los altavoces

- 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.

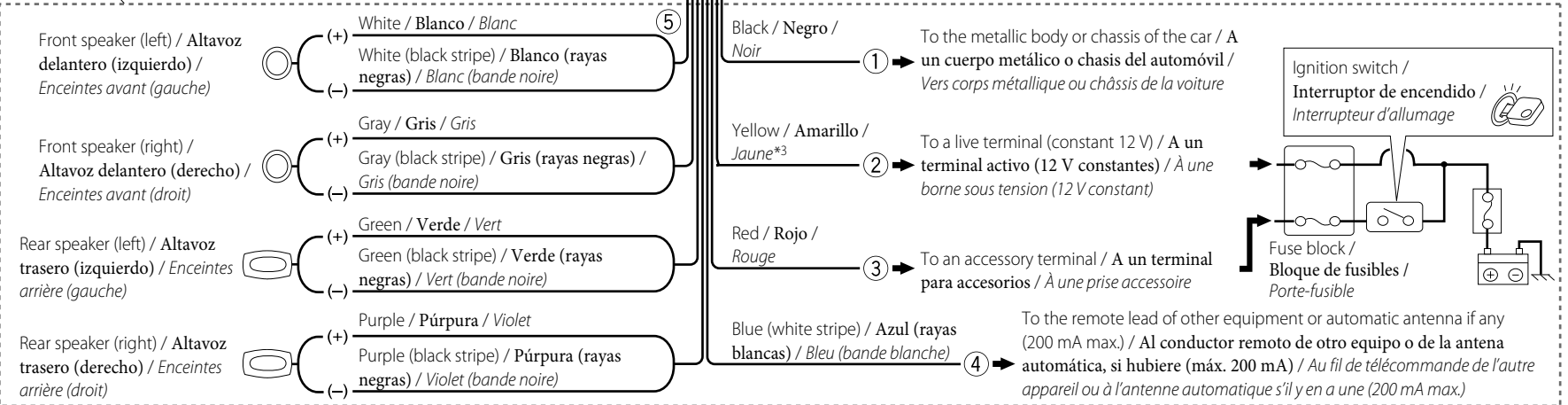
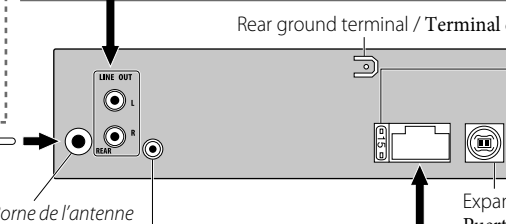
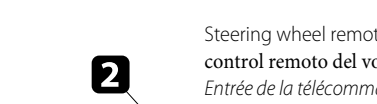
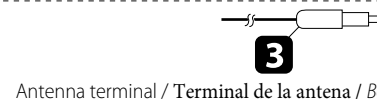
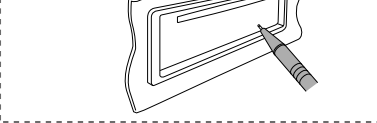
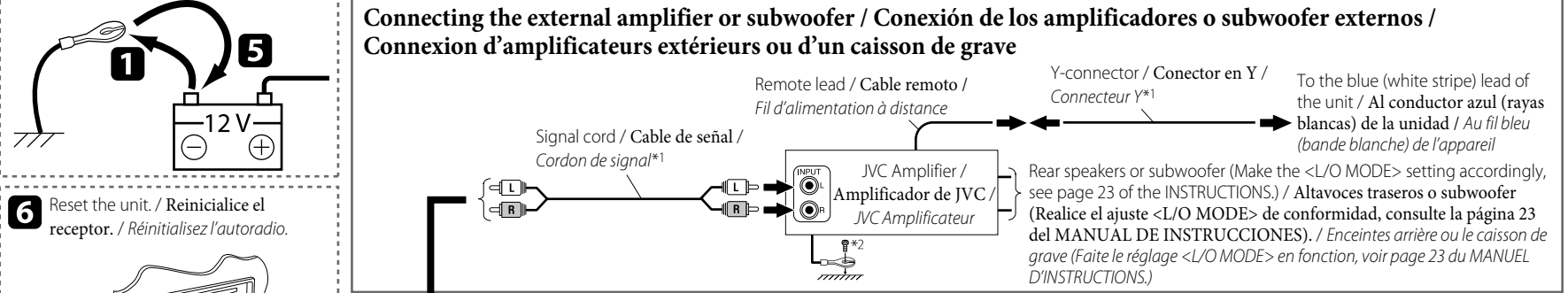


PRECAUTIONS sur l'alimentation et la connexion des enceintes

- 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.

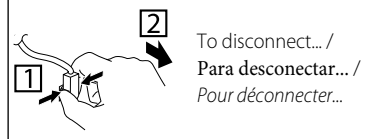
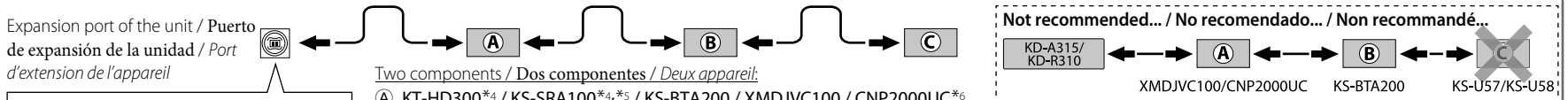


Connecting the external amplifier or subwoofer / Conexión de los amplificadores o subwoofer externos / Connexion d'amplificateurs extérieurs ou d'un caisson de grave



Connecting the external components in series / Conexión de componentes externos en serie / Connexion d'appareils extérieurs en série

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 / Precaucion / Precaution:

Before connecting the external components, make sure that the unit is turned off. / Antes de conectar los componentes externos, asegúrese de que la unidad esté apagada. / Avant de connecter les appareils extérieurs, assurez-vous que l'appareil est hors tension.

You can connect the HD Radio™ tuner box (KT-HD300) or the following components through the various JVC adapters or system to the expansion port. / Puede conectar el sintonizador HD Radio™ (KT-HD300) o los siguientes componentes al puerto de expansión, a través de los diversos adaptadores o sistema JVC. / Vous pouvez connecter le tuner HD Radio™ (KT-HD300) ou les appareils suivants à l'aide de divers adaptateur JVC ou système au port d'extension.

• 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 / Componente / Appareil	Adapter/System / Adaptador/Sistema / Adaptateur/Système	Model name / Nombre del modelo / Nom du modèle
Bluetooth device / Dispositivo Bluetooth / Périphérique Bluetooth	Bluetooth adapter / Adaptador Bluetooth / Adaptateur Bluetooth	KS-BTA200
XMDirect™ Tuner Box / XMDirect™ Tuner Box / XMDirect™ Tuner Box	Smart Digital Adapter / Adaptador digital inteligente / Adaptateur numérique intelligent	XMDJVC100
XMDirect2 Tuner System / Sistema de sintonizador XMDirect2 / XMDirect2 Tuner System	XM satellite radio System / Sistema de radio XM Satellite / Système radio satellite XM	CNP2000UC, CNPJVC1
SIRIUS satellite radio / Radio por satélite SIRIUS / Radio satellite SIRIUS	SIRIUS satellite radio System / Sistema de radio satelital SIRIUS / Système radio satellite SIRIUS	SC-C1, KS-SRA100 PnP, SC-VDOC1, KS-SRA100
Portable audio player with line output jacks / Reproductor de audio portátil con jacks de salida de línea / Lecteur audio portable avec prises de sortie de ligne	Line input adapter / Adaptador de entrada por línea / Adaptateur d'entrée de ligne	KS-U57
Portable audio player with 3.5 mm (3/16") stereo mini jack / Reproductor de audio portátil con jack mini estéreo de 3,5 mm (3/16 pulgada) / Lecteur audio portable avec mini fiche stéréo de 3,5 mm (3/16 pouces)	AUX input adapter / Adaptador de entrada AUX / Adaptateur d'entrée auxiliaire	KS-U58

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.

• HD Radio™ is a proprietary trademark of iBiquity Digital Corp. / HD Radio™ es una marca comercial de iBiquity Digital Corp. / HD Radio™ est une marque de commerce d'iBiquity Digital Corp.

*1 Not supplied for this unit. / *1 No suministrado con esta unidad. / *1 Non fourni avec cet appareil.

*2 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint. / *2 Fije firmemente el cable de tierra a la carrocería metálica o al chasis—a un lugar no cubierto con pintura. / *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.

*3 Before checking the operation of this unit prior to installation, this lead must be connected; otherwise, the power cannot be turned on. / *3 Antes de comprobar el funcionamiento de esta unidad previa a de la instalación, es necesario conectar este cable, de lo contrario no se podrá conectar la alimentación. / *3 Pour vérifier le fonctionnement de cet appareil avant installation, ce fil doit être raccordé, sinon l'appareil ne peut pas être mis sous tension.

*4 Connect the power cord supplied for the component separately for power supply. / *4 Conecte el cable de alimentación suministrado separadamente para el componente. / *4 Connectez le cordon d'alimentation fourni avec les appareils séparément à l'alimentation.

*5 This model is a component of SIRIUS satellite radio System. / *5 Este modelo es un componente del sistema de radio satelital SIRIUS. / *5 Ce modèle est un composant du système radio satellite SIRIUS.

*6 This model is a component of XM satellite radio System. / *6 Este modelo es un componente del sistema de radio XM Satellite. / *6 Ce modèle est un composant du système radio satellite XM.

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