



ENGLISH



ESPAÑOL



FRANÇAIS



KD-X200

DIGITAL MEDIA RECEIVER

INSTRUCTION MANUAL

RECEPTOR DE MEDIOS DIGITALES

MANUAL DE INSTRUCCIONES

RÉCEPTEUR MULTIMÉDIA NUMÉRIQUE

MANUEL D'INSTRUCTIONS

JVC KENWOOD Corporation



Made for



iPod



iPhone

works with

PANDORA®

Please read all instructions carefully before operation to obtain the best possible performance from the unit.

Por favor lea detenidamente este manual para comprender a fondo todas las instrucciones y obtener un máximo disfrute de esta unidad.

Veillez lire les instructions attentivement avant d'utiliser l'appareil afin d'obtenir les meilleures performances possibles de l'appareil.

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. _____

GET0878-001B

[J]

⚠ Warning

Do not operate any function that takes your attention away from safe driving.

⚠ Caution

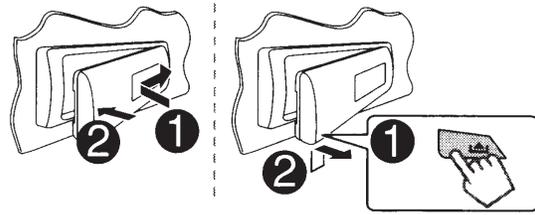
Volume setting:

- Adjust the volume so that you can hear sounds outside the car to prevent accident.
- Lower the volume before playing digital sources to avoid damaging the speakers by the sudden increase of the output level.

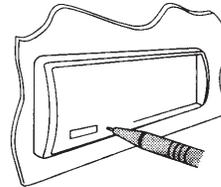
General:

- Avoid using the USB device or iPod/iPhone if it might hinder driving safety.
- Make sure all important data has been backed up. We shall bear no responsibility for any loss of recorded data.
- Never put or leave any metallic objects (such as coins or metal tools) inside the unit, to prevent a short circuit.

How to attach/detach the faceplate



How to reset your unit



Your preset adjustments will also be erased.

Maintenance

■ Cleaning the unit

Wipe off dirt on the faceplate with a dry silicon or soft cloth.

■ Cleaning the connector

Detach the faceplate and clean the connector with a cotton swab gently, taking care not to damage the connector.

■ How to read this manual:

- This manual mainly explains operations using the buttons on the faceplate.
- < > indicates the displays on the faceplate.
- [XX] indicates the initial setting of a menu item.

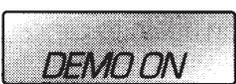
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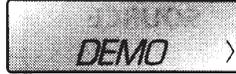
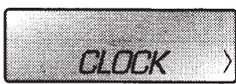
Preparation

Canceling the display demonstration

The display demonstration is always turned on unless you cancel it.

- 1  (Hold) 
- 2  
- 3 Select <DEMO OFF>.   → 
- 4 Press **MENU** to exit.

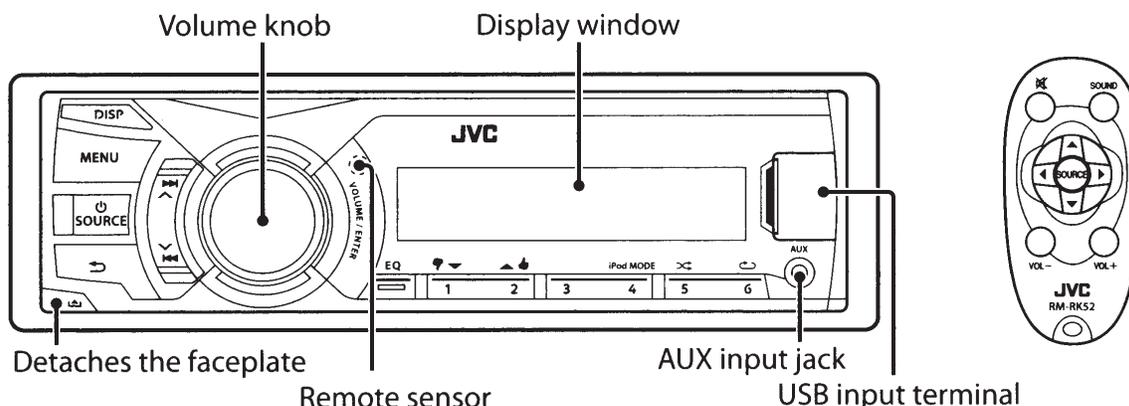
Setting the clock

- 1  (Hold) 
- 2 Select <CLOCK>.   → 
- 3 Select <CLOCK SET>.  → 
- 4 Select the day of week.   → 
- 5 Adjust the hour.   → 
- 6 Adjust the minute.   → 
- 7 Press **MENU** to exit.

Basic operations

Faceplate

Remote control

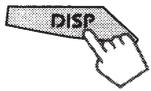


- Remote sensor
- Aim the remote control directly at the sensor.
- DO NOT expose to bright sunlight.

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

Faceplate	Remote control	General function
SOURCE	—	<ul style="list-style-type: none"> • Turns on. (Hold) • Turns off. (Hold) • Press the SOURCE button on the faceplate and turn the volume knob within 2 seconds to select the source.
	SOURCE	Press repeatedly to select the source.
Volume knob (turn)	VOL - / +	Adjusts the volume level.
	—	Selects items.
Volume knob (press)		<ul style="list-style-type: none"> • Mutes the sound or pauses playback. • Press the button again to cancel muting or resume playback.
	—	Confirms selection.
Number buttons (1 - 6)	—	<ul style="list-style-type: none"> • Selects the preset stations. • Stores the current station into the selected number button. (Hold) (page 6)
	EQ	SOUND
	—	Returns to the previous menu.
		<ul style="list-style-type: none"> • Selects a preset station. (Only when using the remote control.) • Selects MP3/WMA/WAV folder. (page 8)
		<ul style="list-style-type: none"> • Searches for a station automatically. (page 6) • Searches for a station manually. (Hold) • Selects track. (page 8, 9) • Fast-forwards or reverses track. (Hold)

Display information



Changes the display information. (Press)
 Scrolls the current display information. (Hold)

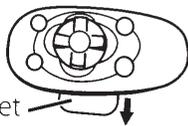
Source	Display
FM/AM	Station name (PS) *1 → Frequency → Program type (PTY) *1 → Day/Clock → (back to the beginning)
USB	Album title/Artist → Track title → Track no./Playing time → Day/Clock → (back to the beginning)
USB-IPOD (HEAD MODE/IPOD MODE)	
USB-IPOD (EXT MODE)	EXT MODE ↔ Day/Clock
PANDORA	Station name → Album title/Artist → Track title → Playing time → Day/Clock → (back to the beginning)
AUX	AUX ↔ Day/Clock
BT AUDIO	BT AUDIO ↔ Day/Clock

*1 For FM Radio Broadcast Data System stations only.

Remote control

Preparing

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



Insulation sheet

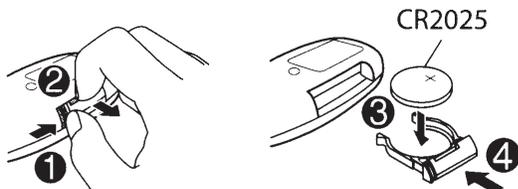
For USA-California Only:
 This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material—special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate

Caution

- Do not leave the remote control in hot places such as on the dashboard.
- The lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.
- The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Keep battery out of reach of children and in original package until ready to use. Dispose of used batteries promptly. If swallowed, contact a physician immediately.

Replacing the lithium coin battery

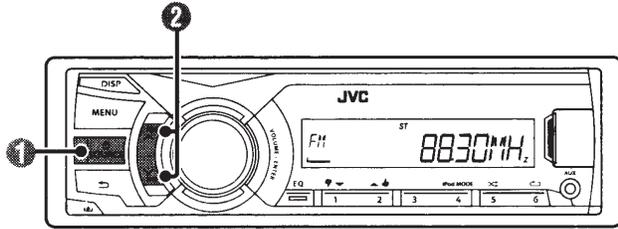
- If the effectiveness of the remote control decreases, replace the battery.



CR2025

Radio

Searching for a station



- 1 Select <FM> or <AM>.
- 2 Auto search. (Press)
Manual search. (Hold)
"M" flashes, then press the button repeatedly.

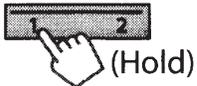
"ST" lights up when receiving an FM stereo broadcast with sufficient signal strength.

Storing stations in memory

Manual presetting

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

While listening to a station...



The preset number flashes and "MEMORY" appears. The current station is stored to the selected number button (1 - 6).

----- or -----



"PRESET MODE" flashes.

- 2 Select preset number.

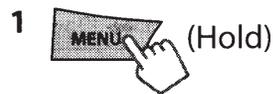


The preset number flashes and "MEMORY" appears.

Auto presetting (FM only)

SSM (Strong-station Sequential Memory)

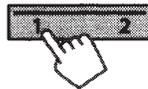
You can preset up to 18 stations for FM.



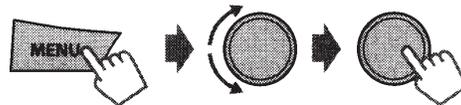
"SSM" flashes. When all the stations are stored, "SSM" stops flashing.

To preset <SSM 07 - 12>/<SSM 13 - 18>, repeat steps 1 and 2.

Selecting a preset station



----- or -----



Setting the Radio Timer

You can tune in to a preset station at a specific time regardless of the current source.

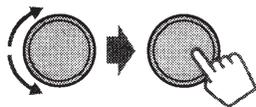
- 1  (Hold)
- 2  → 
 - <TUNER>
 - <RADIO TIMER>
 - <OFF>/<ONCE>/
 - <DAILY>/<WEEKLY>

[OFF]	Cancels Radio Timer.
ONCE	Activates once.
DAILY	Activates daily.
WEEKLY	Activates weekly.

3 Select the preset station.

- 
-
- 
- <FM>/<AM>
 - <01> ... <18> for FM/
 - <01> ... <06> for AM

4 Set the activation day and time.



5 Press **MENU** to exit.

-  lights up after the Radio Timer has been set.
- Only one timer can be set. Setting a new timer will override the previous setting.
- The Radio Timer will not activate if the unit is turned off or if <AM> is set to <OFF> in <SRC SELECT> after selecting an AM station for the timer.

Searching for your favorite Programs—Program Type (PTY) Search

This feature is only available for FM Radio Broadcast Data System stations.

- 1  (Hold)
- 2 Select a PTY code.
  → 

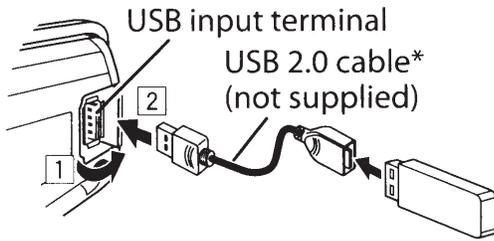
PTY Search starts.

If there is a station broadcasting a program of the same PTY code as you have selected, that station is tuned in.

PTY codes

NEWS, INFORM (information), SPORTS, TALK, ROCK, CLS ROCK (classic rock), ADLT HIT (adult hits), SOFT RCK (soft rock), TOP 40, COUNTRY, OLDIES, SOFT, NOSTALGA (nostalgia), JAZZ, CLASSICL (classical), R & B (rhythm and blues), SOFT R & B (soft rhythm and blues), LANGUAGE, REL MUSC (religious music), REL TALK (religious talk), PERSNLTY (personality), PUBLIC, COLLEGE, HABL ESP (spanish talk), MUSC ESP (spanish music), HIP HOP, WEATHER

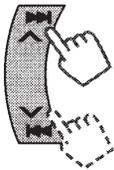
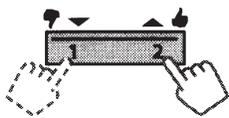
Playing a USB device



The source changes to "USB" and playback starts.
 * Do not leave the cable in the car when not in use.

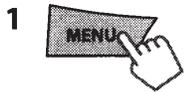
- This unit can play MP3/WMA/WAV files stored in USB mass storage device (such as a USB memory and Digital Audio Player).

Selecting a folder/track

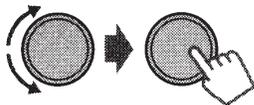


- Selects track. (Press)
- Fast-forwards or reverses the track. (Hold)

Selecting a track/folder from the list

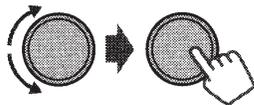


2 Select a folder. (For MP3/WMA/WAV)



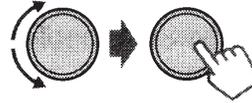
----- or -----

Select the desired list. (For JVC Playlist Creator (JPC) and JVC Music Control (JMC) file) (see page 16)



PLAYLISTS, ARTISTS, ALBUMS, SONGS, GENRES

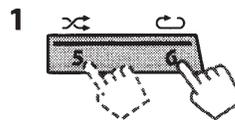
3 Select a track.



If the USB device contains many folders or tracks, you can fast search for the desired folder or track by turning the volume knob quickly.

Selecting the playback modes

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



Press **6** for REPEAT.
 Press **5** for RANDOM.

2 Press the button repeatedly.

REPEAT

RPT OFF	Cancels repeat playback.
TRACK RPT	Repeats current track.
FOLDER RPT	Repeats current folder.

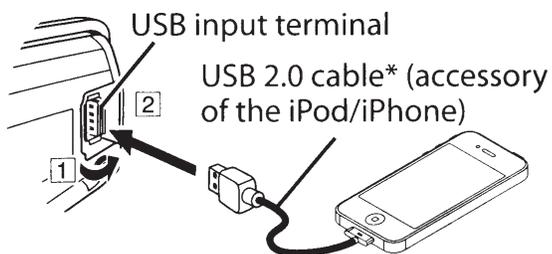
- "FOLDER RPT" is not applicable for JPC/JMC file.

RANDOM

RND OFF	Cancels random playback.
FOLDER RND	Randomly plays all tracks of current folder, then tracks of next folders.
ALL RND	Randomly plays all tracks.

iPod/iPhone

Playing an iPod/iPhone



The source changes to "USB" → "USB-IPOD" and playback starts (depending on the status of the connected device).

* Do not leave the cable in the car when not in use.

Selecting the control mode



HEAD MODE	Controls music playback only from this unit.
IPOD MODE	Controls music playback from both the unit and iPod/iPhone.
EXT MODE	Controls music playback only from the iPod/iPhone.

- You can also change the setting using <IPOD SWITCH> in the menu. (page 14)

Selecting a track

Applicable under <HEAD MODE>/<IPOD MODE> only.



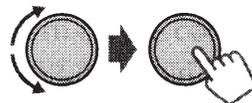
- Selects track/chapter. (Press)
- Fast-forwards or reverses the track. (Hold)

Selecting a track from the list

Applicable under <HEAD MODE> only.

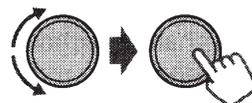


2 Select the desired list.



PLAYLISTS ↔ ARTISTS ↔ ALBUMS ↔ SONGS ↔
PODCASTS ↔ GENRES ↔ COMPOSERS ↔
AUDIOBOOKS ↔ (back to the beginning)

3 Select the desired track.



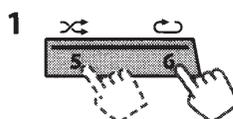
Repeat this step until the desired track is selected.

- If the selected menu contains many tracks, you can fast search for the desired track by turning the volume knob quickly.

Selecting the playback modes

Applicable under <HEAD MODE> only.

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



Press **6** for REPEAT.
Press **5** for RANDOM.

2 Press the button repeatedly.

REPEAT ↺

ONE RPT	Functions the same as "Repeat One" of the iPod.
ALL RPT	Functions the same as "Repeat All" of the iPod.

RANDOM ↻

RND OFF	Cancels random playback.
SONG RND	Functions the same as "Shuffle Songs" of the iPod.
ALBUM RND	Functions the same as "Shuffle Albums" of the iPod.

- "ALBUM RND" is not applicable for some iPod/iPhone.

Pandora®

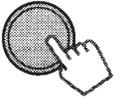
Preparation

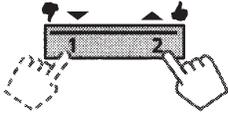
- 1 Search for "Pandora" in the Apple iTunes App Store to find and install the most current version of the Pandora application onto your device.
- 2 In the application on your device, log in and create an account with Pandora. If you are not a registered user, an account can also be created at www.pandora.com.
 - Pandora is only available in the US.
 - Because Pandora is a third-party service, the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.
 - Some functions of Pandora cannot be operated from this unit.
 - For issues using the application, please contact Pandora at pandora-support@pandora.com.

Listening to Pandora

- 1 Open the Pandora application on your device.
- 2 Connect the device to USB terminal on the faceplate. (☞ page 9)
The source switches to "PANDORA" and broadcast starts automatically from your current station.

Basic Operations

 Starts/pauses playback.

 Selects thumbs up/thumbs down.
 • If thumbs down is selected, current track is skipped.

 Skips track.

Creating a new station

You can create a new station based on the currently playing song or artist.

- 1 
- 2  → <NEW STATION>
 → <FROM ARTIST>/<FROM TRACK>

A new station is created based on the current song or artist.

Searching the registered station from the list

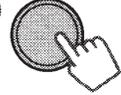
- 1 
- 2 Select the station list display mode.
 → 

BY DATE	According to the registration date
A - Z	Alphabetical order

- 3 Select the desired station.
 → 

To bookmark song/artist information

While receiving a song...

- 1  (Hold)
- 2  → 
 <THIS ARTIST> ↔ <THIS TRACK>

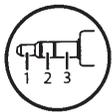
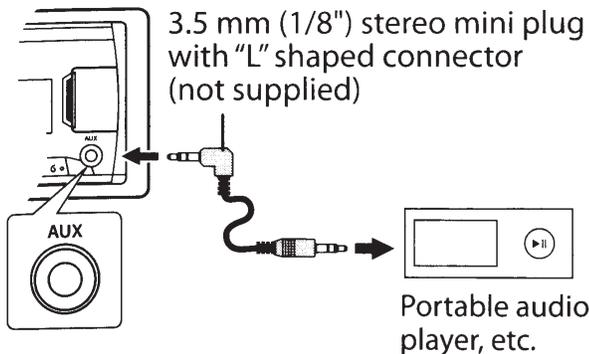
"BOOKMARKED" appears and the song/artist information is stored to the iPod/iPhone.

- This unit allows you to bookmark songs and/or artists in your personalized Pandora account. The bookmarks will not be available for review on the unit but will be available in your Pandora account.

External components

You can connect an external component to the AUX (auxiliary) input jack on the faceplate. For details, refer also to the instructions supplied with the external components.

Playing an external component from AUX



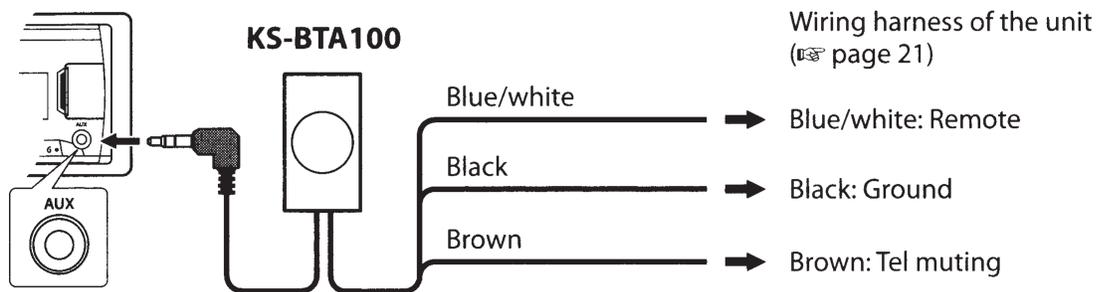
Use a 3-terminal plug head stereo mini plug for optimum audio output.

- 1 Connect to AUX terminal on the faceplate.
- 2 Select <AUX>. 
- 3 Turn on the connected component and start playing the source.

Bluetooth®

For Bluetooth operations, it is required to connect the Bluetooth adapter, KS-BTA100 (separately purchased) to the auxiliary input jack (AUX) on the faceplate of the unit.

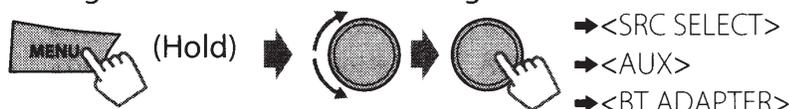
- KS-BTA100 is not available in some countries. Please contact your dealer where you purchased this unit.
- Operations may be different depending on the connected Bluetooth device. For details, refer also to the instructions supplied with the device.



Preparation

For details on registering and using the Bluetooth device, refer to the instructions manual supplied with KS-BTA100.

- 1 Register (pair) a Bluetooth device with KS-BTA100.
- 2 Change the <SRC SELECT> settings of this unit.

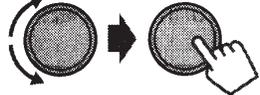


- 3 Press **MENU** to exit.

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 .
- To exit from the menu, press **DISP** or **MENU**.

Menu item	Selectable setting (Initial: [XX])	
DEMO	For settings,  page 3.	
PRO EQ	For settings,  page 12.	
AUDIO	FADER *1*2	R06 — F06 [00] : Adjusts the front and rear speaker output balance.
	BALANCE *2	L06 — R06 [00] : Adjusts the left and right speaker output balance.
	BASS BOOST	+01/+02 : Select your preferred bass boost level. [OFF] : Cancels.
	LOUD (Loudness)	[LOW]/HIGH : Boosts low or high frequencies to produce a well-balanced sound at a low volume level. OFF : Cancels.
	VOL ADJUST (Volume adjust)	-05 — +05 [00] : Presets the volume adjustment level of each source, compared to the FM volume level. Before adjustment, select the source you want to adjust. ("VOL ADJ FIX" appears if "FM" is selected.)
	L/O MODE (Line output mode)	Select if the REAR/SW terminals are used for connecting the speakers or subwoofer (through an external amplifier). SUB.W : Subwoofer [REAR] : Rear speakers
	SUB. W *3 (Subwoofer)	OFF : Cancels. [ON] : Turns on the subwoofer output.
	SUB.W LPF *4 (Subwoofer low-pass filter)	[THROUGH] : All signals are sent to the subwoofer. LOW 55Hz/MID 85Hz/HIGH 120Hz : Audio signals with frequencies lower than 55 Hz/85 Hz/120 Hz are sent to the subwoofer.
	SUB.W LEVEL *4 (Subwoofer level)	-08 — +08 [00] : Adjusts the subwoofer output level.
	BEEP (Keytouch tone)	[ON]/OFF : Activates or deactivates the keypress tone.
	TEL MUTING *5 (Telephone muting)	ON : Mutes the sounds while using the cellular phone (not connected through KS-BTA100). [OFF] : Cancels.
	AMP GAIN (Amplifier gain)	LOW POWER : Limits the maximum volume level to 30. (Select if the maximum input power of each speaker is less than 50 W to prevent damaging the speakers.) [HIGH POWER] : The maximum volume level is 50.

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

*2 This adjustment will not affect the subwoofer output.

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

*4 Displayed only when <SUB.W> is set to <ON>.

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

Menu operations

	Menu item	Selectable setting (Initial: [XX])
CLOCK	CLOCK SET	For settings, page 3.
	CLOCK ADJ (Clock adjustment)	[AUTO] : The built-in clock is synchronized with the Clock Time (CT) data received from the FM Radio Broadcast Data System station. OFF : Cancels.
	CLOCK DISP (Clock display)	ON/[OFF] : Activates or deactivates clock display when the unit is turned off.
DIMMER	DIMMER SET	Selects the display and button illumination adjusted in the <BRIGHTNESS> setting. [AUTO] : Changes between the Day and Night adjustments when you turn off/on the car headlights. *6 ON : Selects the Night adjustments. OFF : Selects the Day adjustments.
	BRIGHTNESS	DAY[31]/NIGHT[15] : Brightness settings for the display and button illumination for day and night. BUTTON ZONE/DISP ZONE : Sets the brightness levels 00 — 31 .
DISPLAY	SCROLL *7	[ONCE] : Scrolls the display information once. AUTO : Repeats scrolling (at 5-second intervals). OFF : Cancels.
	TAG DISPLAY	[ON] : Shows the TAG information while playing MP3/WMA/WAV tracks. OFF : Cancels.
TUNER	SSM	For settings, page 6. (Displayed only when the source is "FM".)
	AREA (Frequency tuning interval)	[AREA US] : For North/Central/South America, AM/FM intervals: 10 kHz/200 kHz. AREA EU : For any other areas, AM/FM intervals: 9 kHz/50 kHz. AREA SA : For some South American countries, AM/FM intervals: 10 kHz/50 kHz.
	MONO (Monaural mode)	Displayed only when the source is "FM". [OFF] : Enables stereo FM reception. ON : Improves the FM reception but stereo effect will be lost.
	IF BAND (Intermediate frequency 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.
	RADIO TIMER	For settings, page 7.
	USB *8	DRIVECHANGE : Selects to change the drive when a device with multiple drives is connected to the USB input terminal.
	IPOD SWITCH (iPod/iPhone control)	[HEAD MODE]/IPOD MODE/EXT MODE : For settings, page 9. (Displayed only when the source is "USB-IPOD".)
	AUDIOBOOKS	NORMAL/FASTER/SLOWER : Selects the playback speed of the Audiobooks sound file in your iPod/iPhone. (Displayed only when the source is "USB-IPOD".) Initial selection depends on your iPod/iPhone setting.
SRC SELECT	AM *9	[ON]/OFF : Enables or disables "AM" in source selection.
	PANDORA *9	[ON]/OFF : Enables or disables "PANDORA" in source selection.
	AUX *9	[ON]/OFF : Enables or disables "AUX" in source selection. BT ADAPTER : Select when the KS-BTA100 Bluetooth adapter is connected to the AUX jack (page 11). The source name will change to "BT AUDIO".

*6 The illumination control wire connection is required. (page 21)

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

*8 Displayed only when the source is "USB".

*9 Displayed only when the unit is in any source other than the corresponding source "AM/PANDORA/AUX".

About audio files

■ Playable files

- File extensions: MP3(.mp3), WMA(.wma), WAV(.wav)
- Bit rate:
MP3: 8 kbps - 320 kbps
WMA: 16 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: 8 kHz - 48 kHz
WAV: 48 kHz, 44.1 kHz (USB source only)
- Variable bit rate (VBR) files. (The elapsed time for VBR files will not be displayed correctly.)

■ Others

- This unit can show WMA Tag and ID3 Tag Version 1.0/1.1/2.3/2.4 (for MP3).
- The search function works but search speed is not constant.

About USB device

- When connecting a USB cable, use the USB 2.0 cable.
- You cannot connect a computer or portable HDD to the USB input terminal of the unit.
- Connect only one USB device to the unit at a time. Do not use a USB hub.
- USB devices equipped with special functions such as data security functions cannot be used with the unit.
- Do not use a USB device with 2 or more partitions.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1 A.
- This unit may not recognize a memory card inserted into the USB card reader.
- This unit may not play back files in a USB device properly when using a USB extension cord.
- 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.
- Operation and power supply may not work as intended for some USB devices.
- The maximum number of characters for:
 - Folder names: 64 characters
 - File names: 64 characters
 - MP3 Tag: 64 characters
 - WMA Tag: 64 characters
 - WAV Tag: 64 characters (USB source only)
- This unit can recognize a total of 20 480 files, 999 folders (999 files per folder including folder without unsupported files), and of 8 hierarchies.

■ Cautions

- Do not pull out and attach the USB device repeatedly while "READING" is shown on the display.
- 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. Failure to do so may result in deformation or cause damages to the device.

About iPod/iPhone

- iPod/iPhone that can be connected to this unit:
 - iPod touch (4th generation)
 - iPod touch (3rd generation)
 - iPod touch (2nd generation)
 - iPod touch (1st generation)
 - iPod classic
 - iPod with video (5th generation)*
 - iPod nano (6th generation)
 - iPod nano (5th generation)
 - iPod nano (4th generation)
 - iPod nano (3rd generation)
 - iPod nano (2nd generation)
 - iPod nano (1st generation)*
 - iPhone 4S
 - iPhone 4
 - iPhone 3GS
 - iPhone 3G
 - iPhone
- *<IPOD MODE>/<EXT MODE> are not applicable.
- 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 website:
<<http://www3.jvckenwood.com/english/car/index.html>> (English website only).

About JVC Playlist Creator and JVC Music Control

- This unit supports the PC application JVC Playlist Creator and Android™ application JVC Music Control.
- When you play audio file with song data added using the JVC Playlist Creator or JVC Music Control, you can search for audio file by Genres, Artists, Albums, Playlists, and Songs.
- JVC Playlist Creator and JVC Music Control are available from the following website:
<<http://www3.jvckenwood.com/english/car/index.html>> (English website only).

Troubleshooting

Symptom	Remedy/Cause	
■ General		
No sound, sound interrupted or static noise.	<ul style="list-style-type: none"> • Check the cords, antenna and cable connections. • Check the condition of the connected device and recorded tracks. • Ensure to use the recommended stereo mini plug when connecting to an external component. (🔗 page 11) 	
“MISWIRING CHK WIRING THEN RESET UNIT”/“WARNING CHK WIRING THEN RESET UNIT” appears on the display and no operations can be done.	Ensure the terminals of the speaker wires are properly insulated with tape before resetting the unit. (🔗 page 2) If the message does not disappear, consult your JVC car audio dealer or kits supplying company.	
The unit does not work at all.	Reset the unit. (🔗 page 2)	
Source cannot be selected.	Check the <SRC SELECT> setting. (🔗 page 14)	
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.	
■ USB/iPod/iPhone		
“READING” keeps flashing on the display.	<ul style="list-style-type: none"> • A longer readout time is required. Do not use too many hierarchical levels and folders. • Reattach the USB device. 	
Tracks/folders are not played back in the order you have intended.	The playback order is determined by the file name.	
“NO FILE” appears on the display.	Check whether the selected folder, the connected USB device, or the iPod/iPhone contains a playable file.	
“NOT SUPPORT” appears on the display and track skips.	Check whether the track is a playable file format.	
<ul style="list-style-type: none"> • “CANNOT PLAY” flashes on the display. • The unit cannot detect the connected device. 	<ul style="list-style-type: none"> • Check whether the connected device is compatible with this unit. (USB: 🔗 page 18) (iPod/iPhone: 🔗 page 16) • Ensure that the device contains files in the supported formats. (🔗 page 15) • Reattach the device. 	
The iPod/iPhone does not turn on or does not work.	<ul style="list-style-type: none"> • Check the connection between this unit and iPod/iPhone. • Detach and reset the iPod/iPhone using hard reset. For details on resetting the iPod/iPhone, refer to the instruction manual supplied with the iPod/iPhone. • Check whether <IPOD SWITCH> setting is appropriate. (🔗 page 9) 	
Pandora	“ADD ERROR”/“SEARCH ERR”	There is a problem creating a new station, such as a network issue.
	“CHK DEVICE”	Check the Pandora application on your device.
	“NO SKIPS”	The skip limit has been reached.
	“NO STATIONS”	No registered station in your device.
	“STATION LIM”	You may not create more than 100 stations.
	“UPGRADE APP”	Make sure to install the latest version of the Pandora application on your device.



Specifications

┌ AUDIO AMPLIFIER SECTION

Power Output	20 W RMS x 4 Channels at 4Ω and ≤ 1% THD+N	
Load Impedance	4Ω (4Ω to 8Ω allowance)	
Frequency Response	40 Hz to 20 000 Hz	
Signal-to-Noise Ratio	80 dBA (reference: 1 W into 4Ω)	
Line-Out, Subwoofer-Out Level/Impedance	2.5 V/20 kΩ load (full scale)	
Output Impedance	≤ 600Ω	

┌ TUNER SECTION

FM	Frequency Range	200 kHz step: 87.9 MHz to 107.9 MHz 50 kHz step: 87.5 MHz to 108.0 MHz
	Usable Sensitivity	9.3 dBf (0.8 μV/75Ω)
	50 dB Quieting Sensitivity	16.3 dBf (1.8 μV/75Ω)
	Alternate Channel Selectivity (400 kHz)	65 dB
	Frequency Response	40 Hz to 15 000 Hz
	Stereo Separation	40 dB
AM	Frequency Range	10 kHz step: 530 kHz to 1 700 kHz 9 kHz step: 531 kHz to 1 611 kHz
	Sensitivity/Selectivity	20 μV/40 dB

┌ 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/WAV
Maximum Supply Current	DC 5 V = 1 A

┌ GENERAL

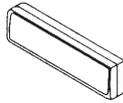
Power Requirement (Operating Voltage)	DC 14.4 V (11 V to 16 V allowance)	
Grounding System	Negative ground	
Allowable Operating Temperature	0°C to +40°C (32°F to 104°F)	
Dimensions (W x H x D) (approx.)	Installation Size	182 mm x 53 mm x 107 mm (7-3/16" x 2-1/8" x 4-1/4")
	Panel Size	188 mm x 59 mm x 13 mm (7-7/16" x 2-3/8" x 9/16")
Weight	0.65 kg (1.5 lbs) (excluding accessories)	

Subject to changes without notice.

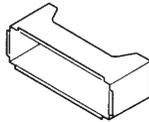
Installation/Connection

Part list for installation

(A) Faceplate (x1)



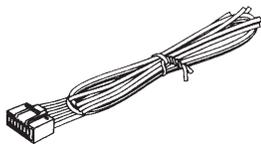
(B) Mounting sleeve (x1)



(C) Trim plate (x1)



(D) Wiring harness (x1)



(E) Extraction keys (x2)



Basic procedure

- 1 Remove the key from the ignition switch, then disconnect the \ominus terminal of the car battery.
- 2 Connect the wires properly. (👉 page 21)
- 3 Install the unit to your car. (👉 page 20)
- 4 Reconnect the \ominus terminal of the car battery.
- 5 Reset the unit. (👉 page 2)

⚠ Warning

- The unit can only be used with a 12 V DC power supply, negative ground.
- Disconnect the battery's negative terminal before wiring and mounting.
- Do not connect the Battery wire (yellow) and Ignition wire (red) to the car chassis or Ground wire (black) to prevent short circuit.
- Insulate unconnected wires with vinyl tape to prevent short circuit.
- Be sure to ground this unit to the car's chassis again after installation.

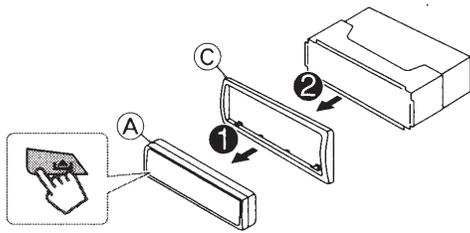
⚠ Caution

- For safety's sake, leave wiring and mounting to professionals. Consult the car audio dealer.
- Install this unit in the console of your vehicle. Do not touch the metal parts of this unit during and shortly after the use of the unit. Metal parts such as the heat sink and enclosure become hot.
- Do not connect the \ominus wires of speaker to the car chassis, Ground wire (black), or in parallel.
- Connect speakers with a maximum power of more than 50 W. If the maximum power of the speakers is lower than 50 W, change the <AMP GAIN> setting to avoid damaging the speakers. (👉 page 13)
- Mount the unit at an angle of 30° or less.
- If your vehicle wiring harness does not have the ignition terminal, connect Ignition wire (red) to the terminal on the vehicle's fuse box which provides 12 V DC power supply and is turned on and off by the ignition key.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. of the car are working properly.
- If the fuse blows, first make sure the wires are not touching car's chassis, then replace the old fuse with one that has the same rating.

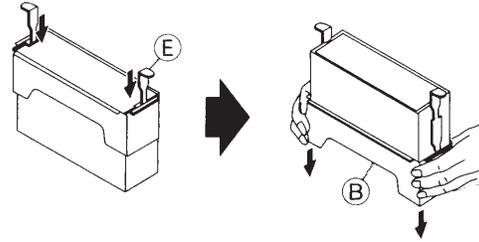
Installing the unit

In-dash mounting

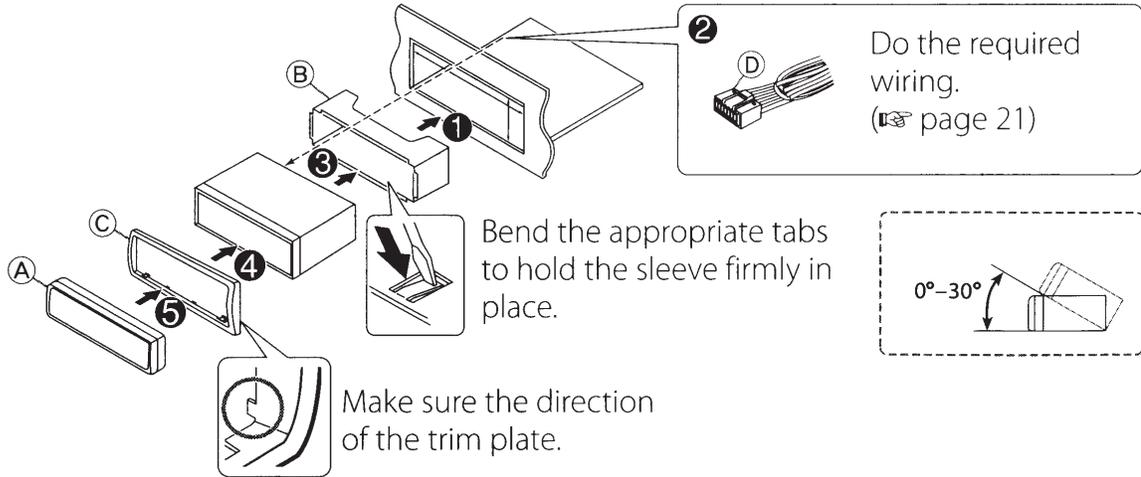
1



2



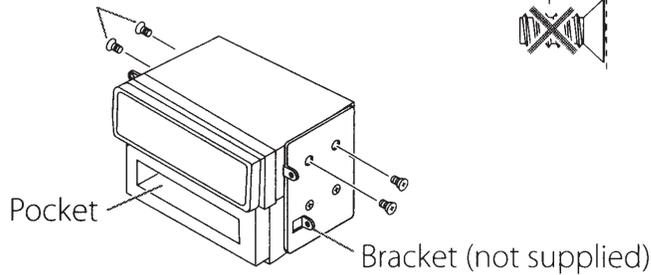
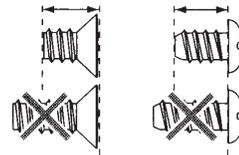
3



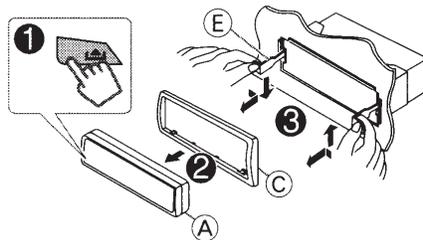
When installing without the mounting sleeve

Flat or round head screws
(not supplied)
M5 × 8 mm (M5 × 3/8")

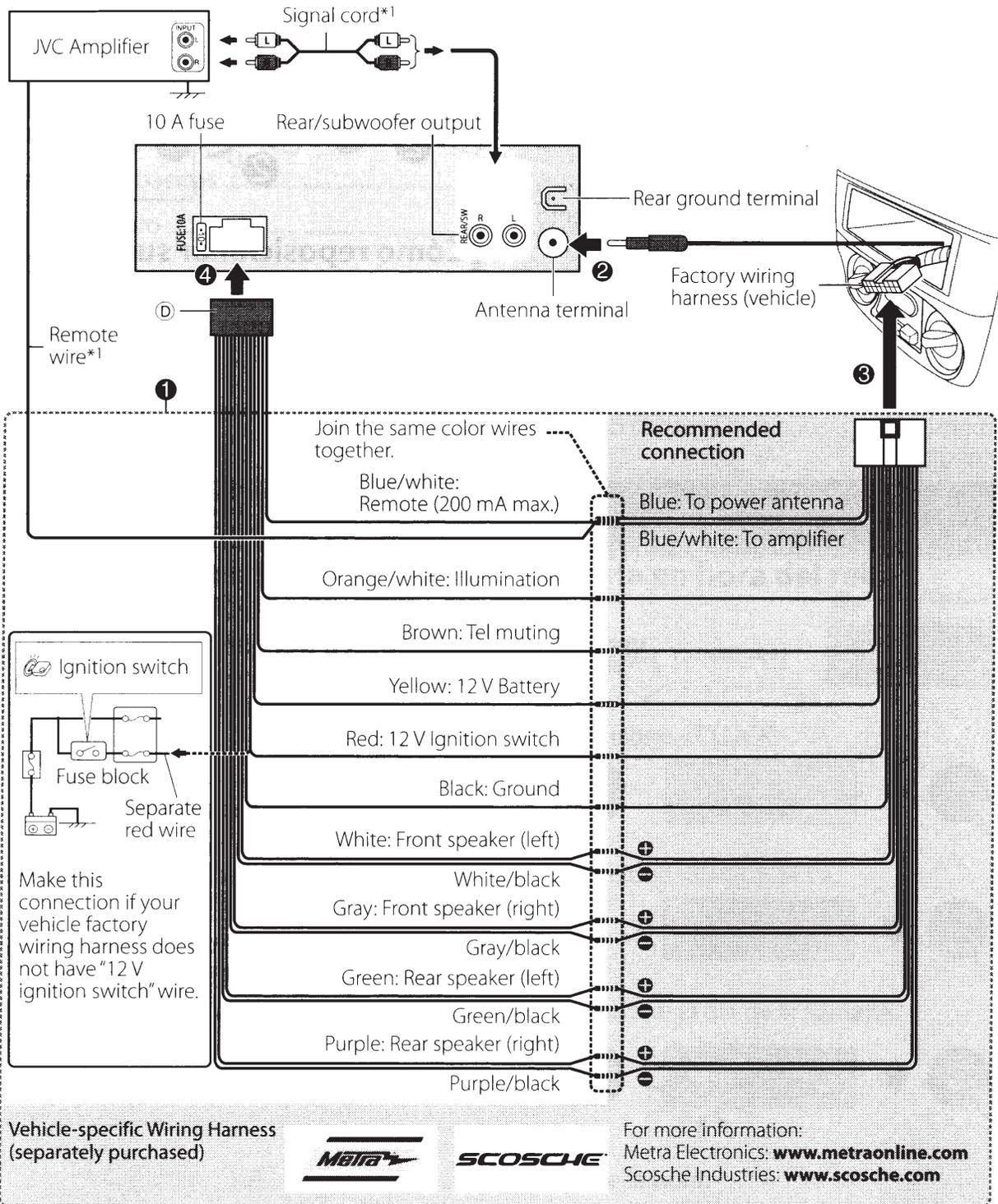
8 mm (3/8") 8 mm (3/8")



How to remove the unit



Wiring connection



*1 Not supplied for this unit.

If you have any troubles, try the following:

- 1 Check "Troubleshooting" (page 17).
- 2 Reset the unit. (page 2)
- 3 Contact (USA only)
 Call: 1-800-252-5722 (or) visit: <http://www.jvc.com>

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

FCC NOTE

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 may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. 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.

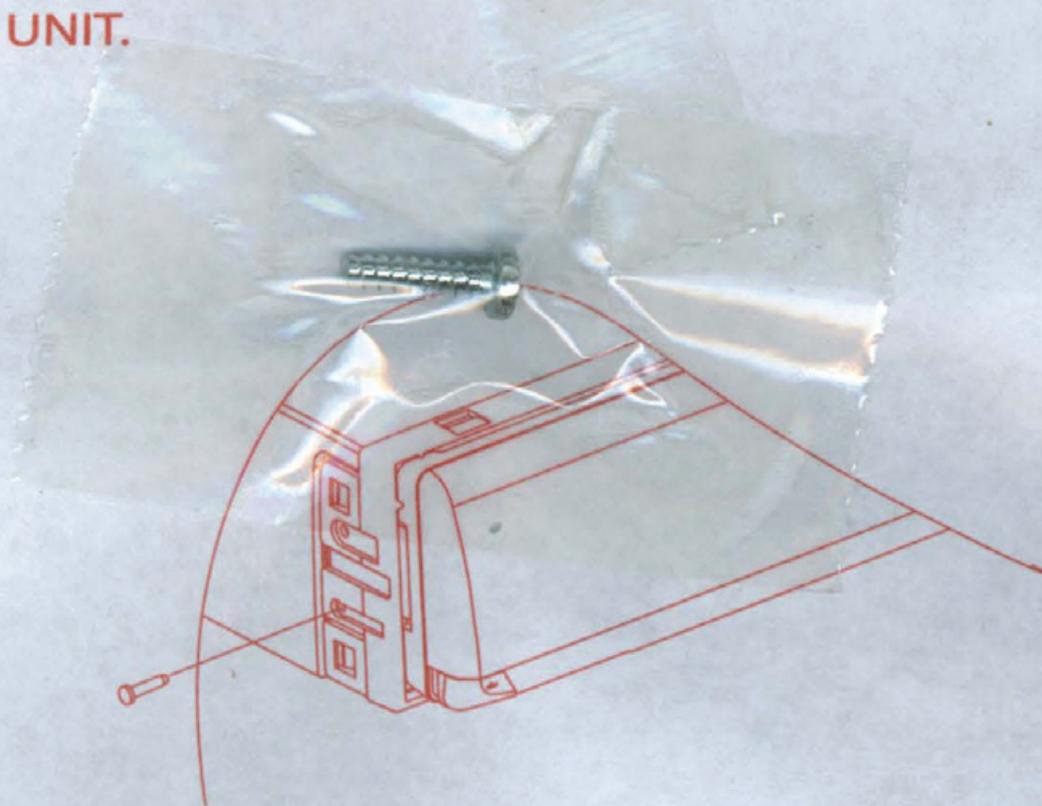
Información acerca de la eliminación de equipos eléctricos y electrónicos al final de la vida útil (aplicable a los países que hayan adoptado sistemas independientes de recogida de residuos)



Los productos con el símbolo de un contenedor con ruedas tachado no podrán ser desechados como residuos domésticos. Los equipos eléctricos y electrónicos al final de la vida útil, deberán ser reciclados en instalaciones que puedan dar el tratamiento adecuado a estos productos y a sus subproductos residuales correspondientes. Póngase en contacto con su administración local para obtener información sobre el punto de recogida más cercano. Un tratamiento correcto del reciclaje y la eliminación de residuos ayuda a conservar los recursos y evita al mismo tiempo efectos perjudiciales en la salud y el medio ambiente.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- “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, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- Pandora, the Pandora logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission.
- Android is trademark of Google Inc.

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.
RETIRE LA ÉTIQUETA DEL CABLE ELÉCTRICO ANTES DE USAR.
RETIREZ CETTE ÉTIQUETTE DU CÂBLE AVANT UTILISATION.



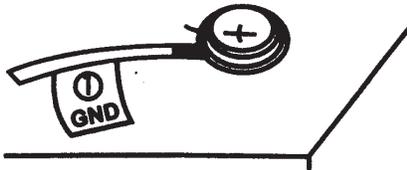
CAUTION

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

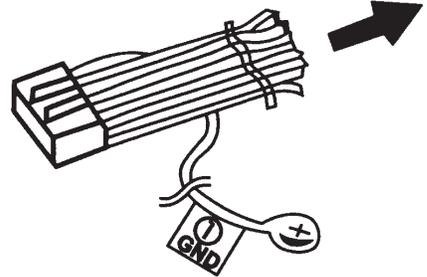
CONNECT GROUND FIRST



METALLIC BODY OR CHASSIS
OF THE CAR

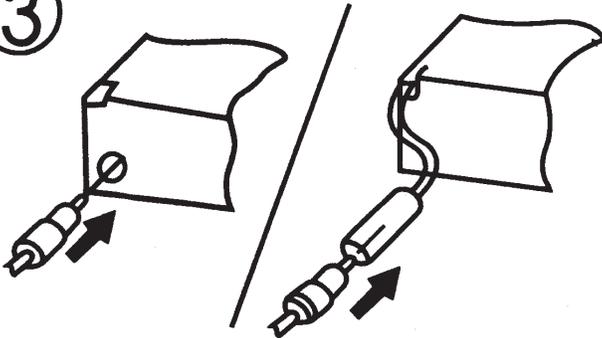
②

CONNECT OTHER WIRES



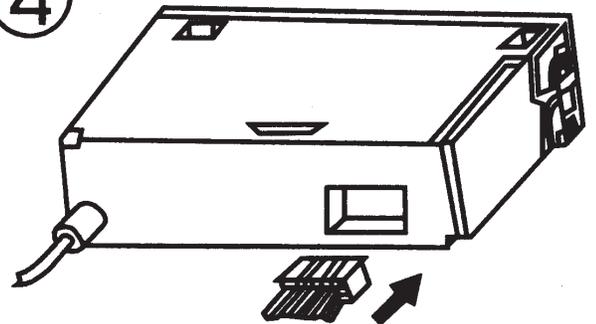
③

CONNECT ANTENNA TERMINAL



④

CONNECT POWER CORD TO
THE UNIT



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 : MODELE :	SERIAL NO. : NO DE SERIE :	
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-52009-1
(0912)

Printed in Indonesia

Product Registration/Enregistrement du produit

We suggest that you register your product since it will enable us to contact you directly if it is ever necessary to correct a safety related condition in your product.

You can register at <http://www.jvc.ca/www/Support/Warranty.aspx>

Nous vous conseillons d'enregistrer votre produit, car il nous permettra de vous contacter directement

si jamais elle est nécessaire pour corriger un problème lié à la sécurité de votre produit.

Vous pouvez vous inscrire à <http://www.jvc.ca/www/Support/Warranty.aspx>

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.

6070 Kestrel Road, Mississauga, Ontario, L5T 1S8 Canada
TEL: (905) 670-3381 FAX: (905)670-7244

<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:

- JVC Product requiring service must be Presented together with Proof of purchase.
- 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 :

- Les produits jvc nécessitant un service doit être présentée avec la preuve d'achat
- 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, couverts 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".

- (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.

- (l) Tout dommage causé par le feu, une inondation, un éclair, une surtension ou tout autre évènement 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. 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.

3. Critères:
Si un produit JVC s'avérait défectueux, selon les conditions applicables, les réparations nécessaires seront effectués 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 défectuosité de matériel ou de fabrication.

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.

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. 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.

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.

**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

JVC CANADA INC.

Service toll free # : 1-800-964-2650

E-mail:service@jvc.ca

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.

PRODUCT REGISTRATION

We suggest that you register your product since it will enable us to contact you directly if it is ever necessary to correct a safety related condition in your product.

You can register at www.register.jvc.com

Please note that failure to register does not diminish any of your rights during the warranty period.



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 :