



ENGLISH
FRANÇAIS
ESPAÑOL

KD-X470BHS / KD-X370BTS / KD-X37MBS / KD-X270BT / KD-SX26BT

DIGITAL MEDIA RECEIVER

INSTRUCTION MANUAL

RÉCEPTEUR MULTIMÉDIA NUMÉRIQUE

MANUEL D'INSTRUCTIONS

RECEPTOR DE MEDIOS DIGITALES

MANUAL DE INSTRUCCIONES

JVCKENWOOD Corporation



This HD Radio receiver enables:

HD2/HD3

Digital Sound

Program Info

Emergency Alerts



alexabuilt-in

Made for



iPhone | iPod



Bluetooth®



Spotify®



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. _____

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.

Informação sobre a eliminação de pilhas

Este produto não deve ser eliminado como lixo doméstico geral. Devolva a pilha usada ao revendedor ou entidade autorizada para que a mesma seja devolvida ao fabricante ou importador.

A reciclagem e a eliminação de lixo de maneira apropriada ajudarão a conservar os recursos naturais ao mesmo tempo que prevenirão os efeitos prejudiciais à nossa saúde e ao meio ambiente.

CALIFORNIA, USA 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

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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.

Supplier's Declaration of Conformity

Trade Name: JVC
Products: DIGITAL MEDIA RECEIVER
Model Name: KD-X470BHS/KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT
Responsible Party: JVC/KENWOOD USA CORPORATION
2201 East Dominguez Street, Long Beach, CA 90810, U.S.A.
PHONE: 310 639-9000

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

IC (Industry Canada) Caution

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Attention de l'IC (Industrie Canada)

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage.
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Contains Bluetooth Module	FCC ID:	ZWY88112
	IC ID:	12033A-88112

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

CAUTION

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

ATTENTION

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles des radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain.

Para cumplimiento de la IFT:

"La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada"

SOFTWARE LICENSE AGREEMENT

The software embedded in the Product (hereinafter the "Licensed Software") provided by Licensor is copyrighted to or sublicensable by the Licensor, and this Agreement provides for the terms and conditions which Users shall follow in order to use the Licensed Software.

The User shall use the Licensed Software by agreeing with the terms of this Software License Agreement. This Agreement shall be deemed completed at the time the User (hereinafter the "User") initially used the Product in which the "Licensed Software" is embedded.

The Licensed Software may include the software which has been licensed to the Licensor directly or indirectly from any third party. In such case, some third parties require the Users to follow their conditions for use separately from this Software License Agreement. Such software shall not be subject to this Agreement, and the Users are urged to read the "Important Notice concerning the Software" to be provided separately below.

Article 1 General Provision

The Licensor shall grant to the User a non-exclusive and non-transferable (other than the exceptional case referred to in Article 3, Paragraph 1) licensed to use the Licensed Software within the country of the User. (the country where the User bought the Product (hereinafter the "Country"))

Article 2 License

1. The license granted under this Agreement shall be the right to use the Licensed Software in the Product.
2. The User shall not duplicate, copy, modify, add, translate or otherwise alter, or lease the Licensed Software and any related documents, whether in whole or in part.
3. The use of the Licensed Software shall be limited to personal purpose, and the Licensed Software shall not be distributed, licensed or sub-licensed whether it is for commercial purpose or not.
4. The User shall use the Licensed Software according to the directions described in the operation manual or help file, and is prohibited to use or duplicate any data in a manner violating the Copyright Law or any other laws and regulations by applying whole or a part of the Licensed Software.

Article 3 Conditions for Grant of License

1. When the User transfers the Product, it may also transfer the license to use the Licensed Software embedded in the Product (including any related materials, updates and upgrades) on condition that no original, copies or related materials continue in the possession of the User, and that the User shall cause the transferee to comply with this Software License Agreement.
2. The User shall not carry out reverse engineering, disassembling, decompiling or any other code analysis works in connection with the Licensed Software.

Article 4 Right pertaining to the Licensed Software

Any and all copyrights and other rights pertaining to the Licensed Software and related documents shall belong to the Licensor or the original holder of the right who granted to the Licensor the license or sublicense for the Licensed Software (hereinafter the "Original Rightholder"), and the User shall not be entitled to any right other than the license granted hereunder, in respect of the Licensed Software and any related documents.

Article 5 Indemnification of Licensor

1. Neither the Licensor nor the Original Rightholder shall be liable for any damage incurred by the User or any third party due to the exercise of the license granted to the User under this Agreement, unless otherwise restricted by law.
2. The Licensor will offer no guarantee for the merchantability, convertibility and consistency with certain objective of the Licensed Software.

Article 6 Liability to Third Party

If any dispute has arisen with any third party due to an infringement upon a copyright, patent or any other intellectual property right that was caused by the User's use of the Licensed Software, the User shall settle such dispute at its own cost and hold the Licensor and the Original Rightholder harmless from any inconvenience it may cause.

Article 7 Confidentiality

The User shall keep the confidentiality of such portion of the Licensed Software, related documents thereof or any other information to be granted under this Agreement, as well as the conditions of this Agreement as has not yet entered the public domain, and shall not disclose or divulge the same to any third party without approval of the Licensor.

Article 8 Termination

In case the User falls under any of the events described in the following items, the Licensor may immediately terminate this Agreement or claim that the User compensates for the damage incurred by the Licensor due to such event:

- (1) when the User violated any provision of this Agreement; or
- (2) when a petition has been filed against the User for an attachment, provisional attachment, provisional disposition or any other compulsory execution.

Article 9 Destruction of the Licensed Software

If this Agreement is terminated pursuant to the provision of Article 8, the User shall destroy the Licensed Software, any related documents and copies thereof within two (2) weeks from such date of termination.

Article 10 Protection of Copyright

1. The copyright and all the other intellectual property rights relating to the Licensed Software shall belong to the Licensor and the Original Rightholder, and in no event shall they be under the ownership of the User.
2. The User shall, whenever it uses the Licensed Software, comply with any laws relating to the copyright and other intellectual property rights.

Article 11 Export Restriction

1. It is prohibited to export the Licensed Software and any related documents outside the country of the User (including transmission thereof outside the country of the User via Internet of other communication tools).
2. The User shall understand that the Licensed Software shall be subject to the export restrictions adopted by the country of User and any other countries.
3. The User shall agree that the software will be subject to any and all applicable international and domestic laws (including the export control regulation of the country of User and any other countries, and any restrictions concerning the end-users, the use by end-users and importing countries to be provided by the country of User and any other countries, and any other governmental authorities).

Article 12 Miscellaneous

1. In the event any part of this Agreement is invalidated by operation of law, the residual provisions shall continue in force.
2. Matters not stipulated in this Agreement or any ambiguity or question raised in the construction of this Agreement shall be provided or settled upon good-faith consultation between the Licensor and the User.
3. The Licensor and the User hereby agree that this Agreement is governed by the laws of Japan, and any dispute arising from, and relating to the rights and obligations under, this Agreement shall be submitted to the exclusive jurisdiction of the Tokyo District Court for its first instance.

Important Notice concerning the Software

-jansson

Copyright (c) 2009-2012 Petri Lehtinen <petri@digip.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-cljSON

Copyright (c) 2009 Dave Gamble

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-CMP

The MIT License (MIT)

Copyright (c) 2014 Charles Gunyon

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2011 Petteri Aimonen <jpa at nanopb.mail.kapsi.fi>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Contents

Before Use	3
Basics	4
Getting Started	5
1 Cancel the demonstration	
2 Set the clock and date	
3 Set the basic settings	
HD Radio™ Tuner	7
Radio	9
USB/iPod	10
AUX.....	12
Pandora®	13
Spotify	14
SiriusXM® Radio	16
Using Other Applications.....	19
Bluetooth®	20
Bluetooth - Connection	
Bluetooth - Mobile phone	
Bluetooth - Audio	
AMAZON ALEXA	27
Audio Settings.....	29
Display Settings	35

References	37
Maintenance	
More information	
Change the display information	
Troubleshooting	40
Installation/Connection	43
Specifications	47

How to read this manual

- The displays and faceplates shown in this manual are examples used to provide clear explanations of the operations. For this reason, they may be different from the actual displays or faceplates.
- Operations are explained mainly using buttons on the faceplate of KD-X470BHS.
- English indications are used for the purpose of explanation. You can select the display language from the menu. (Page 6)
- [XX] indicates the selected items.
- (Page XX) indicates references are available on the stated page.



This symbol on the product means there are important operating and maintenance instructions in this manual.
Be sure to carefully read instructions in this manual.

Before Use

IMPORTANT

- To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe Warnings and Cautions in this manual.
- Please keep the manual in a safe and accessible place for future reference.

▲ WARNING

- **Do not operate any function that takes your attention away from safe driving.**
- **Do not ingest the battery, Chemical Burn Hazard.**

The remote control supplied with this product contains a coin/button cell battery.

If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

▲ CAUTION

Volume setting:

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

General:

- Avoid using the external device if it might hinder safe driving.
- 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.

- Depending on the types of cars, the antenna will automatically extend when you turn on the unit with the antenna control wire connected (page 45). Turn off the unit when parking at a low ceiling area.

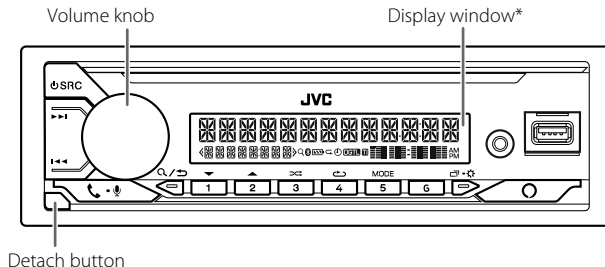
Remote control (RM-RK52):

- Do not leave the remote control in hot places such as on the dashboard.
- Risk of fire or explosion if the battery is replaced by an incorrect type. Ensure to replace only with the same type.
- Risk of fire, explosion or the leakage of flammable liquid or gas if the battery is left in an extremely high temperature surrounding environment and/or subjected extremely low air pressure. The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Risk of fire, explosion or the leakage of flammable liquid or gas if the battery is disposed into fire or a hot oven, recharged, shorted, mechanically crushed or cut of the battery.
- If spilled fluid comes in contact with your eyes or on clothing, immediately rinse with water and consult a physician.

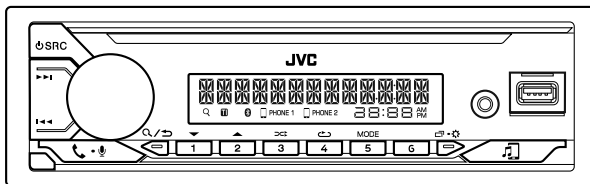
Basics

Faceplate

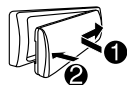
KD-X470BHS/KD-X370BTS/KD-X37MB5:



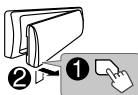
KD-X270BT/KD-SX26BT:



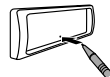
Attach



Detach



How to reset



Reset the unit within 5 seconds after detaching the faceplate.

* Only for illustration purpose.

To

On the faceplate

Turn on the power

Press SRC.

- Press and hold to turn off the power.

Adjust the volume

Turn the volume knob.

Press the volume knob to mute the sound or pause playback.

- Press again to cancel. The volume level returns to the previous level before muting or pause.

Select a source

- Press SRC repeatedly.

- Press SRC, then turn the volume knob within 2 seconds.

Change the display information

Press repeatedly. (Page 38, 39)

Basics

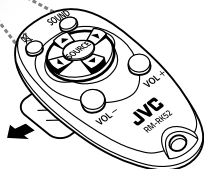
Remote control (RM-RK52) (except for KD-SX26BT)

This unit can be remotely controlled with an optionally purchased remote control.

Remote sensor
(Do not expose to bright sunlight.)



Pull out the insulation sheet when using for the first time.

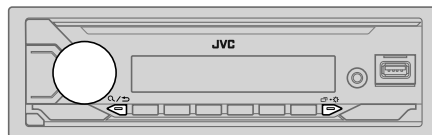


How to replace the battery



To	On the remote control
Adjust the volume	<ul style="list-style-type: none">Press VOL + or VOL - .Press and hold VOL + to continuously increase the volume to 15. <p>Press to mute the sound or pause playback.</p> <ul style="list-style-type: none">Press again to cancel. The volume level returns to the previous level before muting or pause.
Select a source	Press SOURCE repeatedly.

Getting Started



1 Cancel the demonstration

When you turn on the power for the first time (or [FACTORY RESET] is set to [YES], see page 6), the display shows: "CANCEL DEMO" → "PRESS" → "VOLUME KNOB"

- 1 Press the volume knob.
[YES] is selected for the initial setup.
- 2 Press the volume knob again.
"DEMO OFF" appears.

2 Set the clock and date

- 1 Press and hold .
- 2 Turn the volume knob to select [CLOCK], then press the knob.

To adjust the clock

- 3 Turn the volume knob to select [CLOCK ADJUST], then press the knob.
- 4 Turn the volume knob to make the settings, then press the knob.
Set the time in the order of "Hour" → "Minute".
- 5 Turn the volume knob to select [CLOCK FORMAT], then press the knob.
- 6 Turn the volume knob to select [12H] or [24H], then press the knob.

To set the date

- 7 Turn the volume knob to select [DATE SET], then press the knob.
- 8 Turn the volume knob to make the settings, then press the knob.
Set the date in the order of "Day" → "Month" → "Year".

Getting Started

9 Press to exit.

To return to the previous setting item, press .

3

Set the basic settings

- 1 Press and hold .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.
- 4 Press to exit.

To return to the previous setting item, press .

Default: **[XX]**

[SYSTEM]	
[KEY BEEP]	(Not applicable when 3-way crossover is selected.) (Page 30) [ON]: Activates the keypress tone. ; [OFF]: Deactivates.
[SOURCE SELECT]	
[AM SRC]*1	[ON]: Enables AM in source selection. ; [OFF]: Disables. (Page 7, 9)
[PANDORA SRC]*1	[ON]: Enables PANDORA/PANDORA BT in source selection. ; [OFF]: Disables. (Page 13)
[SPOTIFY SRC]*1	[ON]: Enables SPOTIFY/SPOTIFY BT in source selection. ; [OFF]: Disables. (Page 14)
[BT AUDIO SRC]*1	[ON]: Enables BT AUDIO in source selection. ; [OFF]: Disables. (Page 26)
[BUILT-IN AUX]*1	[ON]: Enables AUX in source selection. ; [OFF]: Disables. (Page 12)

[F/W UPDATE]

[UPDATE SYSTEM]/[UPDATE HD]

[F/W UP xxxx]/ [F/W UP Vxx]	[YES]: Starts upgrading the firmware. ; [NO]: Cancels (upgrading is not activated). For details on how to update the firmware, visit < http://www.jvc.net/cs/car/ >.
--------------------------------	---

[FACTORY RESET]	[YES]: Resets the settings to default (except the stored station). ; [NO]: Cancels.
-----------------	--

[CLOCK]

[TIME SYNC]	[ON]: The clock time is automatically set using the Clock Time (CT) data in FM Radio Broadcast Data System signal. ; [OFF]: Cancels.
-------------	--

[CLOCK DISPLAY]	[ON]: The clock time is shown on the display even when the unit is turned off. ; [OFF]: Cancels.
-----------------	--

[ENGLISH]

[ESPAÑOL]	Select the display language for menu and music information if applicable. By default, [ENGLISH] is selected.
-----------	--

[FRANCAIS]*2

[DEMO MODE]	[ON]: Activates the display demonstration automatically if no operation is done for about 15 seconds. ; [OFF]: Deactivates.
-------------	---

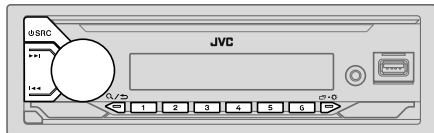
*1 Not displayed when the corresponding source is selected.

*2 Only for KD-X470BHS/KD-X370BTS/KD-X37MBBS.

HD Radio™ Tuner (for KD-X470BHS)

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

- To find HD Radio stations in your area, visit <<http://www.hdradio.com>>.



Search for a station or channel

- 1 Press **SRC** repeatedly to select FM or AM.
- 2 Press and hold **Q/** to select the tuning mode.
 - [HD SEEK]: Search for HD Radio broadcast only.
 - [MANUAL SEEK]: Search for both conventional and HD Radio broadcasts.
- 3 Press **◀/▶** (or press **◀/▶** on the remote control) to search for a station or channel automatically.
(or)
Press and hold **◀/▶** (or press and hold **◀/▶** on the remote control) until "M" flashes, then press repeatedly to search for a station or channel manually.

Settings in memory

You can store up to 18 stations for FM, 6 stations for AM and 18 channels for HD Radio.

Store a station or channel

While listening to a station or channel...

Press and hold one of the number buttons (1 to 6).

(or)

- 1 Press and hold the volume knob until "PRESET MODE" flashes.

- 2 Turn the volume knob to select a preset number, then press the knob. "MEMORY" appears once the station or channel is stored.

Select a stored station or channel

Press one of the number buttons (1 to 6).

(or)

- 1 Press **Q/** to enter HD search select mode.
- 2 Turn the volume knob to select [PRESET LIST], then press the knob.
- 3 Turn the volume knob to select a preset number, then press the knob.

Select a HD Radio multicast channel

Many HD Radio stations offer more than one channel programming. This service is called multicasting.

While receiving HD Radio multicast channels...

Press **◀/▶** to select your desired channel (HD1 to HD8).

"LINKING" appears while linking to a multicast channel.

Emergency Alert message

You can receive an emergency alert message while listening to another source via HD Radio Broadcast.

- To activate/deactivate emergency alert message reception, see [EA] of the [TUNER SETTING]. (Page 8)

Receive an emergency alert message

When an emergency alert message is received, it appears and remains on the display until the user performs the "Ignore" function.

Press **SRC** (or press SOURCE on the remote control) to ignore the alert message.

The same emergency alert message will not interrupt again for 12 hours.

HD Radio™ Tuner (for KD-X470BHS)

■ Display received emergency alert messages

The received emergency alert messages are stored in the Alert Message List, and you can check them later.

While listening to the HD RADIO source...

- 1 Press **Q/↵** to enter HD search select mode.
- 2 Turn the volume knob to select [ALRT MSG LIST], then press the knob.
- 3 Turn the volume knob to select a message, then press the knob to display the information related to the message.
- 4 Press and hold **Q/↵** to exit.

- "NO LIST" appears when the list is empty.
- This feature can store up to four messages in the list.
- To clear the message list, set [FACTORY RESET] to [YES]. (Page 6)

Other settings

- 1 Press and hold **⇐⋄⇒**.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press **⇐⋄⇒** to exit.

To return to the previous setting item, press **Q/↵**.

Default: **[XX]**

[TUNER SETTING]

[RADIO TIMER]

Turns on the radio at a specific time regardless of the current source.

- 1 **[ONCE]/[DAILY]/[WEEKLY]/[OFF]**: Select how often the timer will be turned on.
- 2 **[FM]/[AM]/[SIRIUS XM]*1**: Select the source.
- 3 **[01] to [18]** (for FM/SIRIUS XM)/**[01] to [06]** (for AM): Select the preset station.

- 4 Set the activation day*2 and time.

"⌚" indicator lights up when complete.

Radio Timer will not activate for the following cases.

- The unit is turned off.
- **[OFF]** is selected for **[AM SRC]** in **[SOURCE SELECT]** after Radio Timer for AM is selected. (Page 6)

[SSM]

[SSM 01–06]/[SSM 07–12]/[SSM 13–18]: Automatically presets up to 18 stations/channels for FM. "SSM" stops flashing when the first 6 stations/channels are stored. Select **[SSM 07–12]/[SSM 13–18]** to store the following 12 stations/channels.

[IF BAND]

[AUTO]: Increases the tuner selectivity to reduce interference noises from adjacent FM stations. (Stereo effect may be lost.) ;
[WIDE]: Subjects to interference noises from adjacent FM stations, but sound quality will not be degraded and the stereo effect will remain.

[EA]

[ON]: Activates emergency alert message reception. ; **[OFF]**: Deactivates.

[AREA]

[N.AMERICA]: For North/Central/South America, AM/FM intervals: 10 kHz/200 kHz ;
[S.AMERICA]: For some South American countries, AM/FM intervals: 10 kHz/50 kHz ;
[EUROPE]: For any other areas, AM/FM intervals: 9 kHz/50 kHz.

[RECEIVE MODE]

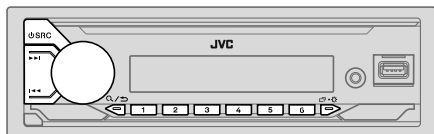
Sets the receive mode of the HD Radio receiver.

[AUTO]: Automatically tunes to analog broadcast when there is no digital broadcast. ;
[DIGITAL]: Tunes in to digital broadcast only. ;
[ANALOG]: Tunes in to analog broadcast only.

*1 Selectable only when SiriusXM Vehicle Tuner is connected. (Page 16)

*2 Selectable only when **[ONCE]** or **[WEEKLY]** is selected in step 1.

Radio (for KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT)



Search for a station

- 1 Press **SRC** repeatedly to select FM or AM.
- 2 Press **◀▶** (or press **◀▶** on the remote control) to search for a station automatically.
(or)
Press and hold **◀▶** (or press and hold **◀▶** on the remote control) until "M" flashes, then press repeatedly to search for a station manually.

Settings in memory

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

Store a station

While listening to a station...

Press and hold one of the number buttons (1 to 6).

- (or)
- 1 Press and hold the volume knob until "PRESET MODE" flashes.
 - 2 Turn the volume knob to select a preset number, then press the knob.
"MEMORY" appears once the station is stored.

Select a stored station

Press one of the number buttons (1 to 6).

(or)

- 1 Press **Q/↵**.
- 2 Turn the volume knob to select a preset number, then press the knob.

Other settings

- 1 Press and hold **☰·✱**.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press **☰·✱** to exit.

To return to the previous setting item, press **Q/↵**.

Default: **[XX]**

[TUNER SETTING]

[RADIO TIMER]

(For KD-X370BTS/KD-X37MBS)

Turns on the radio at a specific time regardless of the current source.

- 1 **[ONCE]/[DAILY]/[WEEKLY]/[OFF]**: Select how often the timer will be turned on.
- 2 **[FM]/[AM]/[SIRIUS XM]*1**: Select the source.
- 3 **[01] to [18]** (for FM/SIRIUS XM)/**[01] to [06]** (for AM): Select the preset station.
- 4 Set the activation day*2 and time.
"☉" indicator lights up when complete.

Radio Timer will not activate for the following cases.

- The unit is turned off.
- **[OFF]** is selected for **[AM SRC]** in **[SOURCE SELECT]** after Radio Timer for AM is selected. (Page 6)

*1, *2: (see page 10)

Radio (for KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT)

[SSM]	[SSM 01–06]/[SSM 07–12]/[SSM 13–18]: Automatically presets up to 18 stations for FM. “SSM” stops flashing when the first 6 stations are stored. Select [SSM 07–12]/[SSM 13–18] to store the following 12 stations.
[IF BAND]	[AUTO]: Increases the tuner selectivity to reduce interference noises from adjacent FM stations. (Stereo effect may be lost.) ; [WIDE]: Subjects to interference noises from adjacent FM stations, but sound quality will not be degraded and the stereo effect will remain.
[MONO SET]	[ON]: Improves the FM reception, but the stereo effect will be lost. ; [OFF]: Cancels.
[AREA]	[N.AMERICA]: For North/Central/South America, AM/FM intervals: 10 kHz/200 kHz. ; [S.AMERICA]: For some South American countries, AM/FM intervals: 10 kHz/50 kHz. ; [EUROPE]: For any other areas, AM/FM intervals: 9 kHz/50 kHz.
[PTY SEARCH]*3	Select a PTY code (see the following “PTY code”). If there is a station broadcasting a program of the same PTY code as you have selected, that station is tuned in.

*1 Selectable only when SiriusXM Vehicle Tuner is connected. (Page 16)

*2 Selectable only when [ONCE] or [WEEKLY] is selected in step 1.

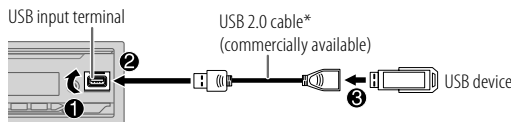
*3 Only for FM source.

PTY code

[NEWS], [INFORM] (information), [SPORTS], [TALK], [ROCK], [CLS ROCK] (classic rock), [ADLT HIT] (adult hits), [SOFT RCK] (softrock), [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]

USB/iPod

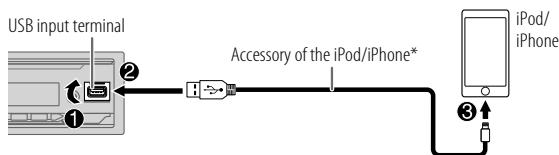
Connect a USB device



The source changes to USB automatically and playback starts.

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

Connect an iPod/iPhone (for KD-X470BHS/KD-X370BTS/KD-X37MBS)



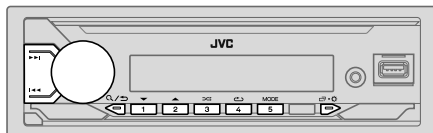
The source changes to iPod USB automatically and playback starts.

• You can also connect iPod/iPhone via Bluetooth. (Page 21)

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

USB/iPod

Basic operations



Selectable source:

- KD-X470BHS/KD-X370BTS/KD-X37MBS: USB/iPod USB or iPod BT
- KD-X270BT/KD-SX26BT: USB

To	On the faceplate	On the remote control
Reverse/ Fast-forward	Press and hold I◀◀ / ▶▶I .	Press and hold ◀ / ▶ .
Select a file	Press I◀◀ / ▶▶I .	Press ◀ / ▶ .
Select a folder*1	Press 2▲ / 1▼ .	Press ▲ / ▼ .
Repeat play*2	Press 4↺ repeatedly. [TRACK REPEAT]/[FOLDER REPEAT]/[ALL REPEAT]: MP3/WMA/AAC/WAV/FLAC file [REPEAT ONE]/[REPEAT ALL]/[REPEAT OFF]: iPod	
Random play*2	Press 3↻ repeatedly. [FOLDER RANDOM]/[ALL RANDOM]/[RANDOM OFF]: MP3/WMA/AAC/WAV/FLAC file [SHUFFLE OFF]/[SHUFFLE ON]: iPod	

*1 This does not work for iPod.

*2 For iPod: Applicable only when [HEAD MODE] is selected.

Select music drive

While in USB source, press **5MODE** repeatedly.

Stored songs in the following drive will be played back.

- Selected internal or external memory of a smartphone (Mass Storage Class).
- Selected drive of a multiple drive device.

Select control mode

While in iPod USB source (or iPod BT source), press **5MODE** repeatedly.

[HEAD MODE]: Control iPod/iPhone from this unit.

[IPHONE MODE]: Control iPod/iPhone using the iPod/iPhone itself. However, you can still perform play/pause, file skip, fast-forward or fast-reverse from this unit.

Select a file to play

■ From a folder or list

- For iPod, applicable only when [HEAD MODE] is selected.

- 1 Press **Q/▷**.
- 2 Turn the volume knob to select a folder/list, then press the knob.
- 3 Turn the volume knob to select a file, then press the knob.
Selected file starts playing.

USB/iPod

Quick search (applicable only for USB source)

If you have many files, you can search through them quickly.

- 1 Press **Q/↵**.
- 2 Turn the volume knob to select a folder/list, then press the knob.
- 3 Turn the volume knob quickly to browse through the list quickly.
- 4 Turn the volume knob to select a file, then press the knob.
Selected file starts playing.

Alphabet search (applicable only for iPod USB source and iPod BT source)

You can search for a file according to the first character.

- For iPod, applicable only when **[HEAD MODE]** is selected.

- 1 Press **Q/↵**.
- 2 Turn the volume knob to select a list, then press the knob.
- 3 Press **2 ▲ / 1 ▼** or turn the volume knob quickly to select the desired character (A to Z, 0 to 9, OTHERS).
Select "OTHERS" if the first character is other than A to Z, 0 to 9.
- 4 Press the volume knob to start searching.
Files with the characters you searched for or with similar characters (alphabetical order) will be displayed.
- 5 Turn the volume knob to select a file, then press the knob.
Selected file starts playing.

- To return to the previous setting item, press **Q/↵**.
- To cancel, press and hold **Q/↵**.

AUX

You can listen to music from a portable audio player via the auxiliary input jack.

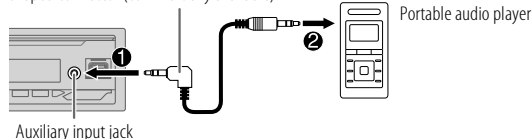
Preparation:

Select **[ON]** for **[BUILT-IN AUX]** in **[SOURCE SELECT]**. (Page 6)

Start listening

- 1 Connect a portable audio player (commercially available).

3.5 mm (1/8") stereo mini plug with "L" shaped connector (commercially available)



- 2 Press **⏻ SRC** repeatedly to select **AUX**.
- 3 Turn on the portable audio player and start playback.



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

Pandora®

You can listen to Pandora on the following device:

- KD-X470BHS/KD-X370BTS/KD-X37MBS: iPhone/iPod touch (via Bluetooth or via USB input terminal) or Android device (via Bluetooth)
- KD-X270BT/KD-SX26BT: Android device (via Bluetooth)

Preparation:

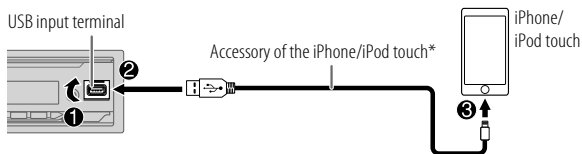
- Install the latest version of the Pandora application on your device (iPhone/iPod touch or Android device), then create an account and log in to Pandora.
- Select [ON] for [PANDORA SRC] in [SOURCE SELECT]. (Page 6)

Start listening

- 1 Start up the Pandora application on your device.
- 2 Connect your device to the USB input terminal.

KD-X470BHS/KD-X370BTS/KD-X37MBS:

USB input terminal



You can also connect the iPhone/iPod touch or Android device via Bluetooth. (Page 21)

- Make sure the USB input terminal is not connected to any device when you connect via Bluetooth.
- 3 Press **SRC** repeatedly to select PANDORA (for iPhone/iPod touch) or PANDORA BT (for Android device).
Broadcast starts automatically.

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

To	On the faceplate	On the remote control
Play back/pause	Press the volume knob.	Press ⏮ .
Skip a track	Press ▶▶ .	Press ▶ .
Select thumbs up or thumbs down*	Press 2▲ / 1▼ .	Press ▲ / ▼ .

* If thumbs down is selected, the current track is skipped.

Create and store a new station

- 1 Press **Q/↵**.
- 2 Turn the volume knob to select [NEW STATION], then press the knob.
- 3 Turn the volume knob to select [FROM ARTIST] or [FROM TRACK], then press the knob.

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

- 4 Press and hold one of the number buttons (3, 4, 5 or 6) to store.

To select a stored station: Press one of the number buttons (3, 4, 5 or 6).

Search for a registered station

- 1 Press **Q/↵**.
- 2 Turn the volume knob to select an item, then press the knob.
[BY DATE]: According to the registered date
[A-Z]: By alphabetical order
- 3 Turn the volume knob to select the desired station, then press the knob.

To cancel, press and hold **Q/↵**.

Bookmark current song information

Press and hold the volume knob.

"BOOKMARKED" appears and the information is stored to your device.

- The bookmark is available on your Pandora account but not on this unit.

Spotify

You can listen to Spotify on the following device:

- KD-X470BHS/KD-X370BTS/KD-X37MBS: iPhone/iPod touch (via Bluetooth or via USB input terminal) or Android device (via Bluetooth)
- KD-X270BT/KD-SX26BT: Android device (via Bluetooth)

Preparation:

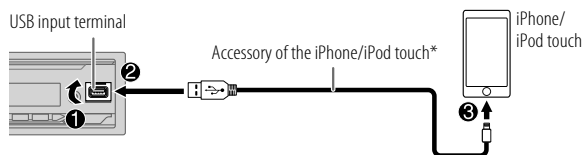
- Install the latest version of the Spotify application on your device (iPhone/iPod touch or Android device), then create an account and log in to Spotify.
- Select [ON] for [SPOTIFY SRC] in [SOURCE SELECT]. (Page 6)

Start listening


- 1 Start up the Spotify application on your device.
- 2 Connect your device to the USB input terminal.

KD-X470BHS/KD-X370BTS/KD-X37MBS:

USB input terminal














You can also connect the iPhone/iPod touch or Android device via Bluetooth. (Page 21)

- Make sure the USB input terminal is not connected to any device when you connect via Bluetooth.
- 3 Press  SRC repeatedly to select SPOTIFY (for iPhone/iPod touch) or SPOTIFY BT (for Android device). Broadcast starts automatically

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

Spotify

To	On the faceplate	On the remote control
Play back/pause	Press the volume knob.	Press  .
Skip a track	Press  *1 /  .	Press  *1 /  .
Select thumbs up or thumbs down*2	Press 2  / 1  .	Press  /  .
Start radio	Press and hold 5.	(Not available)
Repeat play*3	Press 4  repeatedly. [ALL REPEAT], [ONE REPEAT]*1, [REPEAT OFF]	(Not available)
Random play*3	Press 3  repeatedly*1. [ALL RANDOM], [RANDOM OFF]	(Not available)

*1 Available for premium account users only.

*2 This feature is available for tracks in Radio only. If thumbs down is selected, the current track is skipped.

*3 Available for tracks in Playlists only.

Save favorite song information

While listening to the Radio on Spotify...


Press and hold the volume knob.


"SAVED" appears and the information is stored to "Your Music" or "Your Library" on your Spotify account.

To unsave, repeat the same procedure.

"REMOVED" appears and the information is removed from "Your Music" or "Your Library" on your Spotify account.

Search for a song or station

- 1 Press .
- 2 Turn the volume knob to select a list type, then press the knob.
The list types displayed differ depending on the information sent from Spotify.
- 3 Turn the volume knob to select the desired song or station, then press the knob.
You can browse through the list quickly by turning the volume knob quickly.

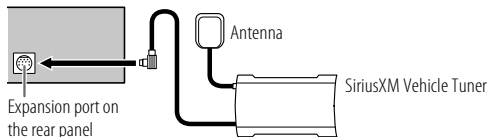
To cancel, press and hold .

SiriusXM® Radio (for KD-X470BHS/KD-X370BTS/KD-X37MBS)

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit <www.siriusxm.com>.

Preparation:

- 1 Connect the optional SiriusXM Vehicle Tuner (commercially available).



- 2 Check your Radio ID for activation.

The SiriusXM Radio ID is required for activation and can be found by tuning to Channel 0 as well as on the label found on the SiriusXM Vehicle Tuner and its packaging.

The Radio ID does not include the letters I, O, S or F.

- 3 Activate the subscription.

For users in the U.S.A.:

Online: Go to <www.siriusxm.com>

Phone: Call 1-866-635-2349

For users in Canada:

Online: Go to <www.siriusxm.ca/subscribe-now>

Phone: Call 1-877-438-9677

- 4 Press SRC repeatedly to select SIRIUS XM to start updating.

Start listening

- 1 Press SRC repeatedly to select SIRIUS XM.
- 2 Press Q/.
"Q" indicator lights up.
- 3 Turn the volume knob to select a CATEGORY, then press the knob.
- 4 Turn the volume knob to select a category from the list, then press the knob.
If "ALL CHANNELS" is selected, all the available channels will be shown.
- 5 Turn the volume knob to select a channel, then press the knob.
(or)
Press to search for a channel manually.
• Pressing and holding changes the channel rapidly.

If a locked channel or a mature channel is selected, a pass code input screen appears. Enter the pass code to receive the channel. (Page 18)

Settings in memory

You can store up to 18 channels.

Store a channel

While listening to a channel..

Press and hold one of the number buttons (1 to 6).


(or)

- 1 Press and hold the volume knob until "PRESET MODE" flashes.
- 2 Turn the volume knob to select a preset number, then press the knob.
The preset number flashes and "MEMORY" appears.

Select a stored channel

Press one of the number buttons (1 to 6) (or press ▲ / ▼ on the remote control).

(or)












- 1 Press .
- 2 Turn the volume knob to select PRESET, then press the knob.
- 3 Turn the volume knob to select a preset number, then press the knob.

SiriusXM Replay™

While listening to a channel...

- 1 Press the volume knob.
“⏮” indicator lights up and the unit memorizes this paused position.
- 2 Press the volume knob to start Replay.
Replay starts from the paused position in step 1.

During Replay...

To	On the faceplate	On the remote control
Play back/pause	Press the volume knob.	Press  .
Skip backward/forward	Press  /  .	Press  /  .
Rewind/Fast-forward	Press and hold  /  .	Press and hold  /  .
Go to Live and exit Replay	Press and hold the volume knob. <ol style="list-style-type: none">1 Press .2 Turn the volume knob to select LIVE, then press the knob.	Press and hold  .

SmartFavorites and TuneStart™

User preset channels are initially assigned as the SmartFavorites channels. SmartFavorite channel is available with SXV200 or later SiriusXM tuner models. The SiriusXM Vehicle Tuner automatically buffers the broadcast audio content of the SmartFavorites channels in the background.

Using SXV200: This unit can assign a maximum of 6 SmartFavorites channels. If you try to assign the 7th channel, an error beep tone will be heard. Initially, preset channels 1 to 6 are assigned as SmartFavorites.

Using SiriusXM tuner models later than SXV200: This unit can assign a maximum of 18 SmartFavorites channels. Initially, all preset channels are assigned as SmartFavorites.

- “*” appears following the last character of the channel name for the SmartFavorites channels.

When you select a SmartFavorite channel, you can rewind and replay up to 30 minutes of any of the missed news, talk, sports or music content.

- Playback starts from the beginning of the song if [TUNE START] is set to [ON] (page 19) for most music channels stored as a SmartFavorite.

To	On the faceplate
Select a stored SmartFavorite channel	<p>Press one of the number buttons (1 to 6).</p> <ol style="list-style-type: none"> 1 Press Q/⏮. 2 Turn the volume knob to select PRESET, then press the knob. 3 Turn the volume knob to select a preset number, then press the knob.
Cancel SmartFavorites channels	<ol style="list-style-type: none"> 1 Press Q/⏮. 2 Turn the volume knob to select PRESET, then press the knob. 3 Turn the volume knob to select a preset number, then press and hold the knob. "✱" is removed from the last character.
Reassign SmartFavorites channels	<p>Repeat step 1 to step 3 of "Cancel SmartFavorites channels". "✱" appears following the last character.</p>

TuneScan™

You can get a short preview of the songs that you have missed on each of your SmartFavorites music channels or a music channel currently tuned into.

- 1 Press **Q/⏮**.
 - 2 Turn the volume knob to select TUNE SCAN, then press the knob.
Scanning start for the first 6 seconds of the recorded music contents.
- To listen to the current song, press the volume knob to stop scanning. The unit continues playing the current song.
 - To select the previous/next song, press **⏮** / **⏭**.
 - To cancel scanning, press and hold the volume knob. Playback returns to the channel before you entered TuneScan.

SiriusXM settings

- 1 Press and hold **⏮** / **⏭**.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press **⏮** / **⏭** to exit.

To return to the previous setting item, press **Q/⏮**.

Default: **[XX]**

[SIRIUS XM]

[CHANNEL LOCK]

To unlock settings:

- 1 Turn the volume knob to select a number.
- 2 Press **⏮** / **⏭** to move to the entry position.
- 3 Repeat step 1 and step 2 to enter the current pass code.
(Initial pass code is 0000.)
- 4 Press the volume knob to confirm.

SiriusXM® Radio (for KD-X470BHS/KD-X370BTS/KD-X37MBS)

[CODE SET]	<ol style="list-style-type: none">1 Press the volume knob to enter [NEW CODE].2 Turn the volume knob to select a number.3 Press ◀▶ to move to the entry position.4 Repeat step 2 and step 3 to enter a new 4-digit pass code.5 Press the volume knob to confirm.6 Repeat step 2 to step 5 to reconfirm the pass code. <ul style="list-style-type: none">• Make a note of the new pass code to enter channel lock settings for next time.
[LOCK SETTING]	[MATURE CH]: Selects the SiriusXM-defined lock setting. ; [USER DEFINED]: Selects the individual channels the user wants to lock. ; [OFF]: Cancels.
[CHANNEL EDIT]*1	<ol style="list-style-type: none">1 Turn the volume knob to select a category, then press the knob.2 Turn the volume knob to select a channel you want to lock, then press the knob. “L” appears in front of the channel number.3 Press and hold Q/↵ to exit.
[CHANNEL CLEAR]*1	[YES]: Clears all the locked channels. ; [NO]: Cancels.
[TUNE START]*2	[ON]: All qualified music channels in the SmartFavorites will start playback from the beginning of the song. ; [OFF]: Cancels.
[SIGNAL LEVEL]	Shows the strength ([NO SIGNAL]/[WEAK]/[GOOD]/[STRONG]) of the current received signal.
[BUFFER USAGE]	Shows the memory usage ([0%] to [100%]) for Replay buffer.
[SXM RESET]	[YES]: Resets all SiriusXM settings to default. ; [NO]: Cancels.

*1 Displayed only when [LOCK SETTING] is set to [USER DEFINED].

*2 Available only if the connected SiriusXM Vehicle Tuner is SXV200 or later which supports SmartFavorites.

Using Other Applications

JVC Remote application

You can control the JVC car receiver from the following device using JVC Remote application.

- KD-X470BHS/KD-X370BTS/KD-X37MBS: iPhone/iPod touch (via Bluetooth or via USB input terminal) or Android device (via Bluetooth)
- KD-X270BT/KD-SX26BT: Android device (via Bluetooth)

For more information, visit <<http://www.jvc.net/cs/car/>>.

Preparation:

Install the latest version of JVC Remote application on your device before connecting.

Start using JVC Remote application

- 1 Start up the JVC Remote application on your device.
- 2 Connect your device.
 - For Android device:
Pair the Android device with this unit via Bluetooth. (Page 21)
 - For iPhone/iPod touch:
Connect iPhone/iPod touch to the USB input terminal. (Page 10)
(or)
Pair the iPhone/iPod touch with this unit via Bluetooth. (Page 21)
(Make sure the USB input terminal is not connected to any device.)
- 3 Select the device to use from the menu.
See the following “Settings to use JVC Remote application”.
For KD-X470BHS/KD-X370BTS/KD-X37MBS: By default, [ANDROID] is selected. To use iPhone/iPod touch, select [YES] for [IOS]. (Page 20)

Settings to use JVC Remote application

- 1 Press and hold ◀▶.
- 2 Turn the volume knob to select an item (page 20), then press the knob.

Using Other Applications

3 Repeat step 2 until the desired item is selected or activated.

4 Press to exit.

To return to the previous setting item, press .

Default: **[XX]**

[REMOTE APP]	
[SELECT]	(For KD-X470BHS/KD-X370BTS/KD-X37MBS) Selects the device ([IOS] or [ANDROID]) to use the application.
[IOS]	[YES]: Selects iPhone/iPod touch to use the application via Bluetooth or connected via USB input terminal. ; [NO]: Cancels. If [IOS] is selected, select iPod BT source (or iPod USB source if your iPhone/iPod touch is connected via USB input terminal) to activate the application. <ul style="list-style-type: none">The connectivity of the application will be interrupted or disconnected if:<ul style="list-style-type: none">You change from iPod BT source to any playback source connected via the USB input terminal.You change from iPod USB source to iPod BT source.
[ANDROID]	[YES]: Selects Android device to use the application via Bluetooth. ; [NO]: Cancels.
[ANDROID LIST]	Selects the Android device to use from the list. <ul style="list-style-type: none">For KD-X470BHS/KD-X370BTS/KD-X37MBS: Displayed only when [ANDROID] of [SELECT] is set to [YES].
[STATUS]	Shows the status of the selected device. [IOS CONNECTED]: You are able to use the application using the iPhone/iPod touch connected via Bluetooth or USB input terminal. [IOS NOT CONNECTED]: No iOS device is connected to use the application. [ANDROID CONNECTED]: You are able to use the application using the Android device connected via Bluetooth. [ANDROID NOT CONNECTED]: No Android device is connected to use the application.

Bluetooth®

- Depending on the Bluetooth version, operating system and the firmware version of your mobile phone, Bluetooth features may not work with this unit.
- Be sure to turn on the Bluetooth function of the device to make the following operations.
- Signal conditions vary depending on the surroundings.

Bluetooth — Connection

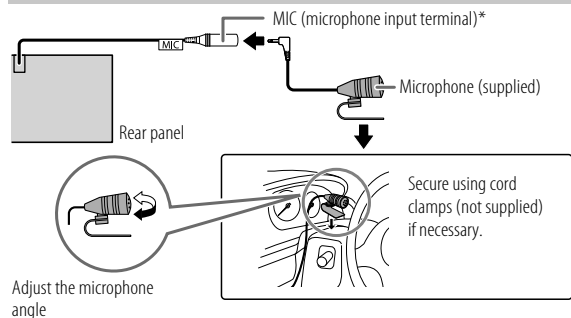
Supported Bluetooth profiles

- Hands-Free Profile (HFP)
- Advanced Audio Distribution Profile (A2DP)
- Audio/Video Remote Control Profile (AVRCP)
- Serial Port Profile (SPP)
- Phonebook Access Profile (PBAP)

Supported Bluetooth codecs

- Sub Band Codec (SBC)
- Advanced Audio Coding (AAC)


Connect the microphone



* For the location of the microphone input terminal/microphone input jack, refer to page 46.

Bluetooth®

Pair and connect a Bluetooth device for the first time


- 1 Press  SRC to turn on the unit.
- 2 Search and select the name of your receiver ("KD-X470BHS"/"KD-X370BTS"/"KD-X37MBS"/"KD-X270BT"/"KD-SX26BT") on the Bluetooth device.
"BT PAIRING" flashes on the display.
 - For some Bluetooth devices, you may need to enter the Personal Identification Number (PIN) code immediately after searching.
- 3 Perform (A) or (B) depending on what appears on the display.
For some Bluetooth devices, pairing sequence may vary from the steps described below.




(A) "Device Name" ➔ "XXXXXX" ➔ "VOL – YES" ➔ "BACK – NO"
"XXXXXX" is a 6-digit passkey randomly generated during each pairing.

- 1 Ensure that the passkeys appear on the unit and Bluetooth device are the same.
- 2 Press the volume knob to confirm the passkey.
- 3 Operate the Bluetooth device to confirm the passkey.

(B) "Device Name" ➔ "VOL – YES" ➔ "BACK – NO"

- 1 Press the volume knob to start pairing.
- 2
 - If "PAIRING" ➔ "PIN 0000" scrolls on the display, enter the PIN code "0000" into the Bluetooth device.
You can change to a desired PIN code before pairing. (Page 25)
 - If only "PAIRING" appears, operate the Bluetooth device to confirm pairing.

"PAIRING COMPLETED" appears when pairing is completed and  will light up when the Bluetooth connection is established.

- KD-X470BHS/KD-X370BTS/KD-X37MBS:  indicator lights up to show the strength of the battery of the connected device.
See also [FORMAT] on page 36 for the battery and signal strength shown on the display.
- KD-X270BT/KD-SX26BT:  "PHONE 1" and/or  "PHONE 2" indicator(s) light(s) up.

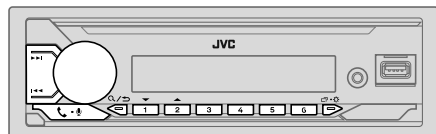
- This unit supports Secure Simple Pairing (SSP).
- Up to five devices can be registered (paired) in total.
- Once the pairing is completed, the Bluetooth device will remain registered in the unit even if you reset the unit. To delete the paired device, see [DEVICE DELETE] on page 25.
- A maximum of two Bluetooth phones and one Bluetooth audio device can be connected at any time. To connect or disconnect the registered device, see [PHONE SELECT] or [AUDIO SELECT] in [BT MODE]. (Page 25)
However, while in BT AUDIO source, you can connect to five Bluetooth audio devices and switch between these five devices. (Page 26)
- Some Bluetooth devices may not automatically connect to the unit after pairing. Connect the device to the unit manually.
- When the battery of the connected Bluetooth device runs low, "Device Name" ➔ "LOW BATTERY" appears.
- Refer to the instruction manual of the Bluetooth device for more information.

Auto Pairing (for KD-X470BHS/KD-X370BTS/KD-X37MBS)

When you connect iPhone/iPod touch to the USB input terminal, pairing request (via Bluetooth) is automatically activated if [AUTO PAIRING] is set to [ON]. (Page 25)

Press the volume knob to pair once you have confirmed the device name.

Bluetooth — Mobile phone



Receive a call

When there is an incoming call:

- KD-X470BHS/KD-X370BTS/KD-X37MBS:
The buttons will blink in the color you have selected in **[RING COLOR]**. (Page 23)
KD-X270BT/KD-SX26BT:
The buttons will blink in the blinking pattern you have selected in **[RING ILLUMI]**. (Page 23)
- The unit answers the call automatically if **[AUTO ANSWER]** is set to a selected time. (Page 23)

During a call:

- KD-X470BHS/KD-X370BTS/KD-X37MBS:
The buttons stop blinking and illuminate in the color you have selected in **[RING COLOR]**. (Page 23)
KD-X270BT/KD-SX26BT:
The buttons stop blinking.
- If you turn off the unit or detach the faceplate, Bluetooth is disconnected.

The following operations may differ or be unavailable depending on the connected phone.

To	On the faceplate	On the remote control
First incoming call...		
Answer a call	Press or the volume knob.	Press / / / .
Reject a call	Press and hold or the volume knob.	Press and hold / / .
End a call	Press and hold or the volume knob.	Press and hold / / .
While talking on the first incoming call...		
Answer another incoming call and hold the current call	Press or the volume knob.	(Not available)
Reject another incoming call	Press and hold or the volume knob.	(Not available)
While having two active calls...		
End current call and activate held call	Press and hold or the volume knob.	Press and hold / / .
Swap between the current call and held call	Press .	(Not available)
Adjust the phone volume*1 [00] to [35] (Default: [15])	Turn the volume knob during a call.	Press VOL +*2 or VOL – during a call.
Switch between hands-free and private talk modes*3	Press / during a call.	(Not available)

*1, *2, *3: (see page 23)

Bluetooth®

*1 This adjustment will not affect the volume of the other sources.

*2 Press and hold VOL + to continuously increase the volume to 15.

*3 Operations may vary according to the connected Bluetooth device.

■ Improve the voice quality

While talking on the phone...

- 1 Press and hold + .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.
- 4 Press + to exit.

To return to the previous setting item, press .

Default: [XX]

[MIC GAIN]	[LEVEL -10] to [LEVEL +10] ([LEVEL -04]): The sensitivity of the microphone increases as the number increases.
[NR LEVEL]	[LEVEL -05] to [LEVEL +05] ([LEVEL 00]): Adjust the noise reduction level until the least noise is being heard during a phone conversation.
[ECHO CANCEL]	[LEVEL -05] to [LEVEL +05] ([LEVEL 00]): Adjust the echo cancellation delay time until the least echo is being heard during a phone conversation.

■ Make the settings for receiving a call

- 1 Press - to enter Bluetooth mode.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.

To return to the previous setting item, press .

Default: [XX]

[SETTINGS]

[AUTO ANSWER]	[01 SEC] to [30 SEC]: Answers an incoming call automatically in the selected time (in seconds). ; [OFF]: Cancels.
[RING COLOR]	KD-X470BHS/KD-X370BTS/KD-X37MBS: [COLOR 01] to [COLOR 49] ([COLOR 08]): Selects the illumination color for the buttons as notification when there is an incoming call and during a call. ; [OFF]: Cancels.
[RING ILLUMI]	KD-X270BT/KD-SX26BT: [BLINK 01] to [BLINK 05] ([BLINK 02]): Selects the blinking pattern for the buttons as notification when there is an incoming call. ; [OFF]: Cancels.

Make a call


You can make a call from the call history, phonebook, or dialing the number. Call by voice is also possible if your mobile phone has the feature.

- 1 Press - to enter Bluetooth mode.
“(First device name)” appears.
 - If two Bluetooth phones are connected, press - again to switch to the other phone.
“(Second device name)” appears.
- 2 Turn the volume knob to select an item (page 24), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.

To return to the previous setting item, press .

[RECENT CALL]	<p>(Applicable only if the phone supports PBAP.)</p> <ol style="list-style-type: none"> Press the volume knob to select a name or a phone number. <ul style="list-style-type: none"> "<" indicates call received, ">" indicates call made, "M" indicates call missed. "NO HISTORY" appears if there is no recorded call history or call number. Press the volume knob to call.
[PHONEBOOK]	<p>(Applicable only if the phone supports PBAP.)</p> <ol style="list-style-type: none"> Press 2▲ / 1▼ to select the desired letter (A to Z, 0 to 9, and OTHERS). <ul style="list-style-type: none"> "OTHERS" appears if the first character is other than A to Z, 0 to 9. Turn the volume knob to select a name, then press the knob. Turn the volume knob to select a phone number, then press the knob to call. <ul style="list-style-type: none"> For using phonebook with this unit, make sure to allow access to or transfer from your smartphone. Depending on the connected phone, the process may be different. This unit can display only non-accent letters. (Accent letters such as "Ú" are shown as "U".)
[DIAL NUMBER]	<ol style="list-style-type: none"> Turn the volume knob to select a number (0 to 9) or character (*, #, +). Press ◀▶ / ▶▶ to move the entry position. Repeat step 1 and step 2 until you finish entering the phone number. Press the volume knob to call.
[VOICE]	<p>Speak the name of the contact you want to call or the voice command to control the phone functions. (See also the following "Make a call using voice recognition".)</p>


Make a call using voice recognition

- Press and hold  to activate the voice recognition of the connected phone.
- Speak the name of the contact you want to call or the voice command to control the phone functions.

• Supported Voice Recognition features vary for each phone. Refer to the instruction manual of the connected phone for details.


Store a contact in memory

You can store up to 6 contacts into the number buttons (1 to 6).



- Press  to enter Bluetooth mode.
- Turn the volume knob to select [RECENT CALL], [PHONEBOOK] or [DIAL NUMBER], then press the knob.
- Turn the volume knob to select a contact or enter a phone number.
If a contact is selected, press the volume knob to show the phone number.
- Press and hold one of the number buttons (1 to 6).
"MEMORY P(selected preset number)" appears when the contact is stored.


To erase a contact from the preset memory, select [DIAL NUMBER] in step 2, store a blank number in step 3 and proceed to step 4.

Make a call to a registered number

- Press  to enter Bluetooth mode.
- Press one of the number buttons (1 to 6).
- Press the volume knob to call.
"NO PRESET" appears if there is no contact stored.

Bluetooth mode settings

- Press and hold .
- Turn the volume knob to select an item (page 25), then press the knob.
- Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- Press  to exit.

To return to the previous setting item, press .

Default: [XX]

[BT MODE]	
[PHONE SELECT]	Selects the phone or audio device to connect or disconnect. "✳" appears in front of the device name when connected.
[AUDIO SELECT]	"▷" appears in front of the current playback audio device. • You can connect a maximum of two Bluetooth phones and one Bluetooth audio device at a time.
[DEVICE DELETE]	1 Turn the volume knob to select a device to delete, then press the knob. 2 Turn the volume knob to select [YES] or [NO], then press the knob.
[PIN CODE EDIT] (0000)	Changes the PIN code (up to 6 digits). 1 Turn the volume knob to select a number. 2 Press ◀▶ / ▶▶ to move the entry position. Repeat step 1 and step 2 until you finish entering the PIN code. 3 Press the volume knob to confirm.
[RECONNECT]	[ON]: The unit is automatically reconnect when the last connected Bluetooth device is within the connectable range. ; [OFF]: Cancels.
[AUTO PAIRING]	(For KD-X470BHS/KD-X370BTS/KD-X37MBS) [ON]: The unit is automatically paired with the supported Bluetooth device (iPhone/iPod touch) when it is connected through USB input terminal. Depending on the operating system of the connected device, this function may not work. ; [OFF]: Cancels.
[INITIALIZE]	[YES]: Initializes all the Bluetooth settings (including stored pairing, phonebook, and etc.). ; [NO]: Cancels.
[INFORMATION]	[MY BT NAME]: Displays the name of your receiver ("KD-X470BHS"/ "KD-X370BTS"/"KD-X37MBS"/"KD-X270BT"/"KD-SX26BT"). ; [MY ADDRESS]: Shows address of this unit.

Bluetooth compatibility check mode

You can check the connectivity of the supported profile between the Bluetooth device and the unit.

- Make sure there is no Bluetooth device paired.

- 1 Press and hold - .
"BLUETOOTH" ↔ "CHECK MODE" appears. "SEARCH NOW USING PHONE" → "PIN IS 0000" scrolls on the display.
- 2 Search and select the name of your receiver ("KD-X470BHS"/ "KD-X370BTS"/"KD-X37MBS"/"KD-X270BT"/"KD-SX26BT") on the Bluetooth device within 3 minutes.
- 3 Perform (A), (B) or (C) depending on what appears on the display.
 - (A) "PAIRING" → "XXXXXX" (6-digit passkey): Ensure that the same passkey appears on the unit and Bluetooth device, then operate the Bluetooth device to confirm the passkey.
 - (B) "PAIRING" → "PIN IS 0000": Enter "0000" on the Bluetooth device.
 - (C) "PAIRING": Operate the Bluetooth device to confirm pairing.

After pairing is done successfully, "PAIRING OK" → "Device Name" appears and Bluetooth compatibility check starts.

If "CONNECT NOW USING PHONE" appears, operate the Bluetooth device to allow phonebook access to continue.
"TESTING" flashes on the display.

Bluetooth®

The connectivity result flashes on the display.


"PAIRING OK" and/or "HANDS-FREE OK"*1 and/or "AUD.STREAM OK"*2 and/or "PBAP OK"*3: Compatible

*1 Compatible with Hands-Free Profile (HFP)

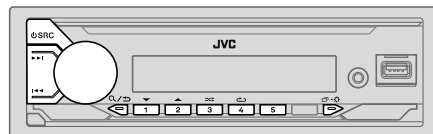
*2 Compatible with Advanced Audio Distribution Profile (A2DP)

*3 Compatible with Phonebook Access profile (PBAP)

After 30 seconds, "PAIRING DELETED" appears to indicate that pairing has been deleted, and the unit exits check mode.



- To cancel, press and hold  SRC to turn off the power, then turn on the power again.














Bluetooth — Audio





While in BT AUDIO source, you can connect to five Bluetooth audio devices and switch between these five devices.

Listen to the audio player via Bluetooth

- 1 Press  SRC repeatedly to select BT AUDIO (or press SOURCE on the remote control).
 - For KD-X270BT/KD-SX26BT: Pressing  enters BT AUDIO directly.
- 2 Operate the audio player via Bluetooth to start playback.

To	On the faceplate	On the remote control
Play back/pause	Press the volume knob.	Press  .
Select group or folder	Press 2  / 1  .	Press  /  .
Reverse skip/Forward skip	Press  /  .	Press  /  .
Reverse/Fast-forward	Press and hold  /  .	Press and hold  /  .

Bluetooth®

To	On the faceplate	On the remote control
Repeat play	Press 4  repeatedly. [TRACK REPEAT], [ALL REPEAT], [GROUP REPEAT]*1, [REPEAT OFF]	(Not available)
Random play	Press 3  repeatedly. [GROUP RANDOM]*1, [ALL RANDOM], [RANDOM OFF]	(Not available)
Select a file from a folder/list	Refer to "Select a file to play" on page 11.	(Not available)
Switch between connected Bluetooth audio devices	Press 5.*2	(Not available)

*1 Depending on the connected device, some devices may not support this feature.


*2 Pressing the "Play" key on the connected device itself also causes switching of sound output from the device.

Operations and display indications may differ according to their availability on the connected device.

Listen to iPod/iPhone via Bluetooth (for KD-X470BHS/KD-X370BTS/KD-X37MB5)

You can listen to the songs on the iPod/iPhone via Bluetooth on this unit.

Press  SRC repeatedly to select iPod BT.

- You can operate the iPod/iPhone in the same way as iPod/iPhone via USB input terminal. (Page 10)
- If you plug in an iPod/iPhone to the USB input terminal while listening to iPod BT source, the source automatically changes to iPod USB source. Press  SRC to select iPod BT source if the device is still connected via Bluetooth.

AMAZON ALEXA (for KD-X470BHS/KD-X370BTS/KD-X37MB5)

Alexa is the cloud-based voice service developed by Amazon. You can ask Alexa to play music, get weather reports, traffic information, control smart home devices, shop on Amazon, search the internet, set reminders and more.

Preparation:



- Create an account at <www.amazon.com>, or use the Alexa mobile application.
- After installing the latest version of the Alexa mobile application on your device, log in using those credentials.
- Be sure to enable the internet connection on your smartphone.

Setup for the first time

For Android device

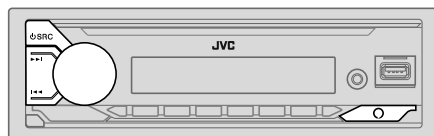
- 1 Pair your device with this unit via Bluetooth. (Page 21)
- 2 Start up the Alexa mobile application on your device.
- 3 Search and select the name of your receiver ("KD-X470BHS"/"KD-X370BTS"/"KD-X37MB5") on SETUP section of the Alexa mobile application to complete a one-time setup process.

For iPhone/iPod touch

- 1 Pair your device with this unit via Bluetooth. (Page 21)
- 2 Start up the Alexa mobile application on your device.
- 3 Press  on the unit to enter ALEXA source.
 - You may also press  SRC repeatedly to select iPod BT source.
- 4 Search and select the name of your receiver ("KD-X470BHS"/"KD-X370BTS"/"KD-X37MB5") on SETUP section of the Alexa mobile application to complete a one-time setup process.






Once the setup process is completed, the Alexa mobile application will establish a connection with this unit.

- The Alexa connection can be disconnected if:
 - A2DP profile is disconnected
 - Bluetooth is disconnected
 - This unit is turned off
 - Any other conditions depending on the connected device.To establish Alexa connection again, reconnect the A2DP profile.
- Alexa connection cannot be established again if you:
 - Reinstall Alexa mobile application
 - Delete the paired device and perform pairing again (for Android device)To establish Alexa connection again, perform the setup process again.
- You can check the Alexa connection from the Alexa mobile application.
If the name of this unit appears on the screen of "ALL DEVICES", you do not need to perform setup process again.



Basic operations

Once Alexa connection is established...

- 1 Press  on the unit to speak with Alexa.**
The display shows: "ALEXA" → "LISTENING..."
 - 2 Communicate with Alexa via the connected microphone. (Page 20)**
"THINKING..." appears when Alexa is processing your voice input.
"SPEAKING..." appears while Alexa is responding to your voice input.
"ALEXA" or display information such as playing time, song title, and etc. appears while Alexa is in idle state.
- To return to the previous source before ALEXA, press  SRC (or press SOURCE on the remote control).
 - To activate Alexa, press .
 - To cancel current listening state, press .
 - To cancel current thinking/speaking states and go to listening state, press .
 - Only one Alexa connection can be connected at one time.
 - "DISCONNECTED" appears if the unit is disconnected from Alexa mobile application or the Bluetooth connection is disconnected.

Start listening

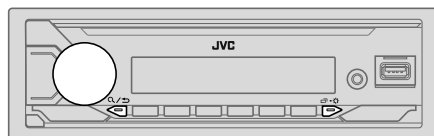
While in Alexa idle state...

- 1 Press **O** on the unit to activate Alexa.
The display shows: "LISTENING...".
- 2 Communicate with Alexa via the connected microphone. (Page 20)
- 3 During music playback in ALEXA source, you can perform the following operations:

To	On the faceplate	On the remote control
Play back/pause	Press the volume knob.	Press ⏮ .
Reverse skip/ Forward skip	Press ⏮ / ⏭ .	Press ⏮ / ⏭ .

During music playback, press **O** to pause the music and activate Alexa. You can now start to communicate with Alexa.

Audio Settings



- 1 Press and hold **⏮** + **⏭**.
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press **⏮** + **⏭** to exit.

To return to the previous setting item, press **⏮** / **⏭**.

Default: **[XX]**

[EQ SETTING]		
[PRESET EQ]	Selects a preset equalizer suitable to the music genre. • Select [USER] to use the settings made in [EASY EQ] or [PRO EQ] . [FLAT] / [DRVN 3] / [DRVN 2] / [DRVN 1] / [HARD ROCK] / [HIP HOP] / [JAZZ] / [POP] / [R&B] / [USER] / [CLASSICAL] Drive equalizer ([DRVN 3] / [DRVN 2] / [DRVN 1]) boosts specific frequencies in the audio signal to reduce the noise heard from outside the car or running noise of the tyres.	
[EASY EQ]	Adjusts your own sound settings. • The settings are stored to [USER] in [PRESET EQ] . • The settings made may affect the current settings of [PRO EQ] . [SUB.W SP]*1*2: [00] to [+06] (Default: [+03]) [SUB.W]*1*3: [-50] to [+10] [00] [BASS]: [LVL-09] to [LVL+09] [LVL 00] [MID]: [LVL-09] to [LVL+09] [LVL 00] [TRE]: [LVL-09] to [LVL+09] [LVL 00]	

Audio Settings

[PRO EQ] Adjusts your own sound settings for each source. • The settings are stored to [USER] in [PRESET EQ] . • The settings made may affect the current settings of [EASY EQ] .	[FADER] (Not applicable when 3-way crossover is selected.) [POSITION R15] to [POSITION F15] ([POSITION 00]): Adjusts the front and rear speaker output balance.
[62.5HZ] [LEVEL -09] to [LEVEL +09] ([LEVEL 00]): Adjusts the level to memorize for each source. (Before making an adjustment, select the source you want to adjust.) [ON] : Turns on the extended bass. ; [OFF] : Cancels.	[BALANCE]*4 [POSITION L15] to [POSITION R15] ([POSITION 00]): Adjusts the left and right speaker output balance.
[100HZ]/[160HZ]/[250HZ]/[400HZ]/[630HZ]/[1KHZ]/[1.6KHZ]/[2.5KHZ]/[4KHZ]/[6.3KHZ]/[10KHZ]/[16KHZ] [LEVEL -09] to [LEVEL +09] ([LEVEL 00]): Adjusts the level to memorize for each source. (Before making an adjustment, select the source you want to adjust.)	[VOLUME ADJUST] [LEVEL -15] to [LEVEL +06] ([LEVEL 00]): Presets the initial volume level of each source by comparing to the FM volume levels. (Before adjustment, select the source you want to adjust.)
[Q FACTOR] [1.35]/[1.50]/[2.00] : Adjust the quality factor.	[AMP GAIN] [LOW POWER] : Limits the maximum volume level to 25. (Select if the maximum power of each speaker is less than 50 W to prevent damaging the speakers.) ; [HIGH POWER] : The maximum volume level is 35.
[AUDIO CONTROL]	[SPK/PRE OUT] (Not applicable when 3-way crossover is selected.) Depending on the speaker connection method, select the appropriate setting for the desired output. (See "Speaker output settings" on page 31.)
[BASS BOOST] [LEVEL +01] to [LEVEL +05] : Selects your preferred bass boost level. ; [OFF] : Cancels.	[SPEAKER SIZE] Depending on the crossover type you have selected (see the following [X ' OVER TYPE]), 2-way crossover or 3-way crossover setting items will be shown. (See "Crossover settings" on page 32.) By default, 2-way crossover type is selected.
[LOUDNESS] [LEVEL 01]/[LEVEL 02] : Boosts low or high frequencies to produce a well-balanced sound at low volume. ; [OFF] : Cancels.	[X ' OVER]
[SUB.W LEVEL]*1 [SPK-OUT]*2 (Not applicable when 3-way crossover is selected.) [SUB.W 00] to [SUB.W +06] ([SUB.W +03]): Adjusts the output level of the subwoofer connected via speaker lead. (Page 45)	[DTA SETTINGS] For settings, see "Digital Time Alignment settings" on page 34.
[PRE-OUT]*3 [SUB.W -50] to [SUB.W +10] ([SUB.W 00]): Adjusts the output level of the subwoofer connected to the lineout terminals (SW or REAR/SW) through an external amplifier. (Page 46)	[CAR SETTINGS] [X ' OVER TYPE] Caution: Adjusts the volume before changing the [X ' OVER TYPE] to avoid the sudden increase or decrease of the output level.
[SUBWOOFER SET]*3 [ON] : Turns on the subwoofer output. ; [OFF] : Cancels.	[2-WAY] (Displayed only when [3-WAY] is selected.) [YES] : Selects two way crossover type. ; [NO] : Cancels. [3-WAY] (Displayed only when [2-WAY] is selected.) [YES] : Selects three way crossover type. ; [NO] : Cancels.

Audio Settings

[SOUND EFFECT]	
[SPACE ENHANCE]	(Not applicable for FM/AM source.) [SMALL]/[MEDIUM]/[LARGE]: Virtually enhances the sound space. ; [OFF]: Cancels.
[SND RESPONSE]	[LEVEL1]/[LEVEL2]/[LEVEL3]: Virtually makes the sound more realistic. ; [OFF]: Cancels.
[SOUND LIFT]	[LOW]/[MIDDLE]/[HIGH]: Virtually adjusts the sound position heard from the speakers. ; [OFF]: Cancels.
[VOL LINK EQ]	[ON]: Boosts the frequency to reduce the noise heard from outside the car or running noise of the tyres. ; [OFF]: Cancels.
[K2 TECHNOLOGY]	(Not applicable for FM/AM source, SIRIUS XM source and AUX source.) [ON]: Improves the sound quality of compressed music. ; [OFF]: Cancels.

*1 Displayed only when [SUBWOOFER SET] is set to [ON]. (Page 30)

*2 For 2-way crossover: Displayed only when [SPK/PRE OUT] is set to [SUB.W/SUB.W].

*3 For 2-way crossover: Displayed only when [SPK/PRE OUT] is set to [REAR/SUB.W] or [SUB.W/SUB.W].

*4 This adjustment will not affect the subwoofer output.

Speaker output settings [SPK/PRE OUT]

(Applicable only if [X ' OVER TYPE] is set to [2-WAY]) (page 30)

Select the output setting for the speakers [SPK/PRE OUT], based on the speaker connection method.

Connection via lineout terminals

For connections through an external amplifier (Page 46)

KD-X470BHS/KD-X370BTS/KD-X37MBS:

Setting on [SPK/PRE OUT]	Audio signal through lineout terminal		
	FRONT	REAR	SW
[REAR/REAR] (default)	Front speakers output	Rear speakers output	Subwoofer output
[SUB.W/SUB.W]	Front speakers output	L (left): Subwoofer output R (right): (Mute)	Subwoofer output

KD-X270BT/KD-SX26BT:

Setting on [SPK/PRE OUT]	Audio signal through lineout terminal	
	REAR/SW	
[REAR/REAR]	Rear speakers output	
[REAR/SUB.W] (default)	Subwoofer output	
[SUB.W/SUB.W]	Subwoofer output	

Audio Settings

Connection via speaker leads

You can also connect the speakers without using an external amplifier but still being able to enjoy the subwoofer output with these settings. (Page 45)

Setting on [SPK/PRE OUT]	Audio signal through rear speaker lead	
	L (left)	R (right)
[REAR/REAR]	Rear speakers output	Rear speakers output
[REAR/SUB.W]*	Rear speakers output	Rear speakers output
[SUB.W/SUB.W]	Subwoofer output	(Mute)

If [SUB.W/SUB.W] is selected:

- [120HZ] is selected in [SUBWOOFER LPF] and [THROUGH] is not available. (Page 33)
- [POSITION R02] is selected in [FADER] and selectable range is [POSITION R15] to [POSITION 00]. (Page 30)

* Except for KD-X470BHS/KD-X370BTS/KD-X37MBS.

Crossover settings

Below are the available setting items for 2-way crossover and 3-way crossover.

▲ CAUTION

Select a crossover type according to how the speakers are connected. (Page 45, 46)

If you select a wrong type:

- The speakers may be damaged.
- The output sound level may be extremely high or low.

SPEAKER SIZE

Selects according to the connected speaker size for optimum performance.

- The frequency and slope settings are automatically set for the crossover of the selected speaker.
- If [NONE] is selected for the following speaker in [SPEAKER SIZE], the [X' OVER] setting of the selected speaker is not available.
 - 2-way crossover: [TWEETER] of [FRONT]/[REAR]/[SUBWOOFER]
 - 3-way crossover: [WOOFER]

X' OVER (crossover)

- [FRQ]/[F-HPF FRQ]/[R-HPF FRQ]/[SW LPF FRQ]/[HPF FRQ]/[LPF FRQ]: Adjusts the crossover frequency for the selected speakers (high pass filter or low pass filter).
If [THROUGH] is selected, all signals are sent to the selected speakers.
- [SLOPE]/[F-HPF SLOPE]/[R-HPF SLOPE]/[SW LPF SLOPE]/[HPF SLOPE]/[LPF SLOPE]: Adjusts the crossover slope.
Selectable only if a setting other than [THROUGH] is selected for the crossover frequency.
- [SW LPF PHASE]/[PHASE]: Selects the phase of the speaker output to be in line with the other speaker output.
- [GAIN LEFT]/[GAIN RIGHT]/[F-HPF GAIN]/[R-HPF GAIN]/[SW LPF GAIN]/[GAIN]: Adjusts the output volume of the selected speaker.

Audio Settings

2-way crossover setting items

[SPEAKER SIZE]		
[FRONT]	[SIZE]	[3.5"]/[4"]/[4.75"]/[5"]/[6.5"]/[6.75"]/[7"]/[4×6]/[5×7]/[6×8]/[6×9]/[7×10]
	[TWEETER]	[SMALL]/[MIDDLE]/[LARGE]/[NONE] (not connected)
[REAR]*1		[3.5"]/[4"]/[4.75"]/[5"]/[6.5"]/[6.75"]/[7"]/[4×6]/[5×7]/[6×8]/[6×9]/[7×10]/[NONE] (not connected)
[SUBWOOFER]*2*3		[6.5"]/[8"]/[10"]/[12"]/[15" OVER]/[NONE] (not connected)
[X' OVER]		
[TWEETER]	[FRQ]	[1KHZ]/[1.6KHZ]/[2.5KHZ]/[4KHZ]/[5KHZ]/[6.3KHZ]/[8KHZ]/[10KHZ]/[12.5KHZ]
	[GAIN LEFT]	[−08DB] to [00DB]
	[GAIN RIGHT]	[−08DB] to [00DB]
[FRONT HPF]	[F-HPF FRQ]	[30HZ]/[40HZ]/[50HZ]/[60HZ]/[70HZ]/[80HZ]/[90HZ]/[100HZ]/[120HZ]/[150HZ]/[180HZ]/[220HZ]/[250HZ]/[THROUGH]
	[F-HPF SLOPE]	[−06DB]/[−12DB]/[−18DB]/[−24DB]
	[F-HPF GAIN]	[−08DB] to [00DB]
[REAR HPF]*1	[R-HPF FRQ]	[30HZ]/[40HZ]/[50HZ]/[60HZ]/[70HZ]/[80HZ]/[90HZ]/[100HZ]/[120HZ]/[150HZ]/[180HZ]/[220HZ]/[250HZ]/[THROUGH]
	[R-HPF SLOPE]	[−06DB]/[−12DB]/[−18DB]/[−24DB]
	[R-HPF GAIN]	[−08DB] to [00DB]

[SUBWOOFER LPF]*2*3	[SW LPF FRQ]	[30HZ]/[40HZ]/[50HZ]/[60HZ]/[70HZ]/[80HZ]/[90HZ]/[100HZ]/[120HZ]/[150HZ]/[180HZ]/[220HZ]/[250HZ]/[THROUGH]
	[SW LPF SLOPE]	[−06DB]/[−12DB]/[−18DB]/[−24DB]
	[SW LPF PHASE]	[REVERSE] (180°)/[NORMAL] (0°)
	[SW LPF GAIN]	[−08DB] to [00DB]

3-way crossover setting items

[SPEAKER SIZE]		
[TWEETER]		[SMALL]/[MIDDLE]/[LARGE]
[MID RANGE]		[3.5"]/[4"]/[4.75"]/[5"]/[6.5"]/[6.75"]/[7"]/[4×6]/[5×7]/[6×8]/[6×9]
[WOOFER]*3		[6.5"]/[8"]/[10"]/[12"]/[15" OVER]/[NONE] (not connected)
[X' OVER]		
[TWEETER]	[HPF FRQ]	[1KHZ]/[1.6KHZ]/[2.5KHZ]/[4KHZ]/[5KHZ]/[6.3KHZ]/[8KHZ]/[10KHZ]/[12.5KHZ]
	[SLOPE]	[−06DB]/[−12DB]
	[PHASE]	[REVERSE] (180°)/[NORMAL] (0°)
	[GAIN]	[−08DB] to [00DB]

Audio Settings

[MID RANGE]	[HPF FRQ]	[30HZ]/[40HZ]/[50HZ]/[60HZ]/[70HZ]/[80HZ]/[90HZ]/[100HZ]/[120HZ]/[150HZ]/[180HZ]/[220HZ]/[250HZ]/[THROUGH]
	[HPF SLOPE]	[−06DB]/[−12DB]
	[LPF FRQ]	[1KHZ]/[1.6KHZ]/[2.5KHZ]/[4KHZ]/[5KHZ]/[6.3KHZ]/[8KHZ]/[10KHZ]/[12.5KHZ]/[THROUGH]
	[LPF SLOPE]	[−06DB]/[−12DB]
	[PHASE]	[REVERSE] (180°)/[NORMAL] (0°)
	[GAIN]	[−08DB] to [00DB]
[WOOFER]*3	[LPF FRQ]	[30HZ]/[40HZ]/[50HZ]/[60HZ]/[70HZ]/[80HZ]/[90HZ]/[100HZ]/[120HZ]/[150HZ]/[180HZ]/[220HZ]/[250HZ]/[THROUGH]
	[SLOPE]	[−06DB]/[−12DB]
	[PHASE]	[REVERSE] (180°)/[NORMAL] (0°)
	[GAIN]	[−08DB] to [00DB]

*1 Displayed only when [SPK/PRE OUT] is set to [REAR/REAR] or [REAR/SUB.W]. (Page 31)

*2 KD-X270BT/KD-SX26BT: Displayed only when [SPK/PRE OUT] is set to [REAR/SUB.W] or [SUB.W/SUB.W]. (Page 31)

*3 Displayed only when [SUBWOOFER SET] is set to [ON]. (Page 30)

Digital Time Alignment settings

Digital Time Alignment sets the delay time of the speaker output to create a more suitable environment for your vehicle.

- For more information, see "Determining the delay time automatically" on page 35.

[DTA SETTINGS]

[POSITION]	Selects your listening position (reference point). [ALL]: Not compensating ; [FRONT RIGHT]: Front right seat ; [FRONT LEFT]: Front left seat ; [FRONT ALL]: Front seats • [FRONT ALL] is displayed only when [X ' OVER TYPE] is set to [2-WAY]. (Page 30)
[DISTANCE]*1	[0FT] to [20.01FT]: Fine adjust the distance to compensate.
[GAIN]*1	[−8DB] to [0DB]: Fine adjust the output volume of the selected speaker.
[DTA RESET]	[YES]: Resets the settings ([DISTANCE] and [GAIN]) of the selected [POSITION] to default. ; [NO]: Cancels.

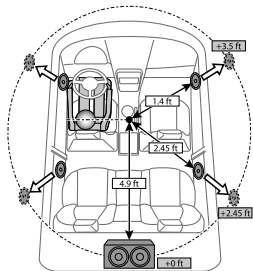
[CAR SETTINGS]

Identify your car type and rear speaker location in order to make the adjustment for [DTA SETTINGS].

[CAR TYPE]	[COMPACT]/[FULL SIZE CAR]/[WAGON]/[MINIVAN]/[SUV]/[MINIVAN(LONG)]: Selects the type of vehicle. ; [OFF]: Not compensating.
[R-SP LOCATION]*2	Selects the location of the rear speakers in your vehicle to calculate the furthest distance from the listening position selected (reference point). • [DOOR]/[REAR DECK]: Selectable only when [CAR TYPE] is selected as [OFF], [COMPACT], [FULL SIZE CAR], [WAGON] or [SUV]. • [2ND ROW]/[3RD ROW]: Selectable only when [CAR TYPE] is selected as [MINIVAN] or [MINIVAN(LONG)].

Audio Settings

Determining the delay time automatically



If you specify the distance from the currently set listening position to every speaker, the delay time will be automatically calculated.

- 1 Set **[POSITION]** and determine the listening position as the reference point (the reference point for **[FRONT ALL]** will be the center between the right and left in the front seats).
- 2 Measure the distances from the reference point to the speakers.
- 3 Calculate the distance between the furthest speaker (subwoofer on the illustration) and other speakers.
- 4 Sets the **[DISTANCE]** calculated in step 3 for individual speakers.
- 5 Adjusts **[GAIN]** for individual speakers.

Example: When **[FRONT ALL]** is selected as the listening position

*1 Before making an adjustment, select the speaker:

When 2-way crossover is selected:

[FRONT LEFT]/[FRONT RIGHT]/[REAR LEFT]/[REAR RIGHT]/[SUBWOOFER]:

- **[REAR LEFT]**, **[REAR RIGHT]** and **[SUBWOOFER]** is selectable only if a setting other than **[NONE]** is selected for **[REAR]** and **[SUBWOOFER]** of **[SPEAKER SIZE]**. (Page 33)

When 3-way crossover is selected:

[TWEETER LEFT]/[TWEETER RIGHT]/[MID LEFT]/[MID RIGHT]/[WOOFER]:

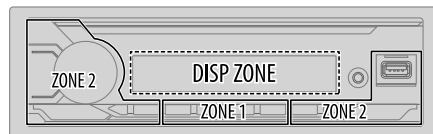
- **[WOOFER]** is selectable only if a setting other than **[NONE]** is selected for **[WOOFER]** of **[SPEAKER SIZE]**. (Page 33)

*2 Displayed only when **[X ' OVER TYPE]** is set to **[2-WAY]** (page 30) and if a setting other than **[NONE]** is selected for **[REAR]** of **[SPEAKER SIZE]**. (Page 33)

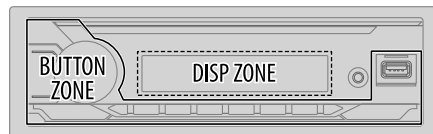
Display Settings

Zone identification for brightness settings

KD-X470BHS/KD-X370BTS/KD-X37MBS:

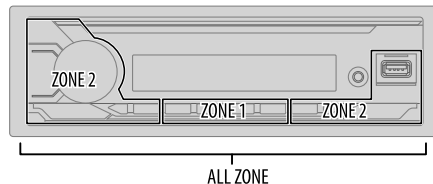


KD-X270BT/KD-SX26BT:






Zone identification for color settings

KD-X470BHS/KD-X370BTS/KD-X37MBS:



Display Settings

- 1 Press and hold .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press  to exit.

To return to the previous setting item, press .

Default: **[XX]**

[DISPLAY]	
[DIMMER]	<p>Dims the illumination.</p> <p>[OFF]: Dimmer is turned off. Brightness changes to [DAY] setting.</p> <p>[ON]: Dimmer is turned on. Brightness changes to [NIGHT] setting.</p> <p>(See the following "[BRIGHTNESS]" settings.)</p> <p>[DIMMER TIME]: Set the time to turn on dimmer and to turn off dimmer.</p> <p>1 Turn the volume knob to adjust the [ON] time, then press the knob.</p> <p>2 Turn the volume knob to adjust the [OFF] time, then press the knob.</p> <p>(Default: [ON]: [PM6:00]; [OFF]: [AM6:00])</p> <p>[DIMMER AUTO]: Dimmer turns on and off automatically when you turn off or on the car headlights.*1</p>
[BRIGHTNESS]	<p>Sets the brightness for day and night separately.</p> <p>1 [DAY]/[NIGHT]: Select day or night.</p> <p>2 Select a zone. (See the illustration on page 35)</p> <p>3 [LEVEL 00] to [LEVEL 31]: Set the brightness level.</p>
[TEXT SCROLL]*2	<p>[SCROLL ONCE]: Scrolls the display information once. ;</p> <p>[SCROLL AUTO]: Repeats scrolling at 5-second intervals. ;</p> <p>[SCROLL OFF]: Cancels.</p>
[FORMAT]*3	<p>KD-X470BHS/KD-X370BTS/KD-X37MBS:</p> <p>Information below is shown on the supplementary display when Bluetooth device is connected. (Page 38)</p> <p>[BATT/SIGNAL]: Shows the strength of the battery and signal. ;</p> <p>[DATE]: Shows the date.</p>

*1 The illumination control wire connection is required. (Page 45)

*2 Some characters or symbols will not be shown correctly (or will be blank).

*3 Functionality depends on the type of phone used.

[COLOR] (for KD-X470BHS/KD-X370BTS/KD-X37MBS)

[PRESET]	<p>Selects illumination colors for the buttons on different zones separately.</p> <p>1 Select a zone ([ZONE 1], [ZONE 2], [ALL ZONE]). (See the illustration on page 35.)</p> <p>2 Select a color for the selected zone.</p> <ul style="list-style-type: none"> • [COLOR 01] to [COLOR 49] • [USER]: The color you have created for [DAY COLOR] or [NIGHT COLOR] is shown. • [COLOR FLOW01] to [COLOR FLOW03]: Color changes at different speeds. • [CRYSTAL]/[FLOWER]/[FOREST]/[GRADATION]/[OCEAN]/[RELAX]/[SUNSET]: The selected color pattern is shown.* (Selectable only when [ALL ZONE] is selected in step 1.)
[DAY COLOR]	<p>Stores your own day and night illumination colors for different zones.</p> <p>1 Select a zone ([ZONE 1], [ZONE 2]). (See the illustration on page 35.)</p> <p>2 [RED]/[GREEN]/[BLUE]: Select a primary color.</p> <p>3 [00] to [31]: Select the level.</p>
[NIGHT COLOR]	<p>Repeat step 2 and step 3 for all the primary colors.</p> <ul style="list-style-type: none"> • Your setting is stored to [USER] in [PRESET]. • [NIGHT COLOR] or [DAY COLOR] is changed by turning on or off your car's headlights.
[COLOR GUIDE]	<p>[ON]: The illumination color of [ZONE 1] and [ZONE 2] change to white color when settings are performed on menu and list search, except in color setting mode. ; [OFF]: Cancels.</p>

* If one of these color patterns is selected, the [ZONE 1] and [ZONE 2] illumination colors will change to the default colors.

References

Maintenance

Cleaning the unit

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

Cleaning the connector

Detach the faceplate and clean the connector gently with a cotton swab. Be careful not to damage the connector.



Connector (on the reverse side of the faceplate)

More information

For: — Latest firmware updates and latest compatible item list
— JVC original application
— Any other latest information

Visit <www.jvc.net/cs/car/>.

Playable files

- Playable audio file for USB mass storage class device:
KD-X470BHS/KD-X370BTS/KD-X37MB5:
MP3 (.mp3), WMA (.wma), AAC (.aac), AAC (.m4a), WAV (.wav), FLAC (.flac)
KD-X270BT/KD-SX26BT:
MP3 (.mp3), WMA (.wma), WAV (.wav), FLAC (.flac)
- Playable USB device file system: FAT12, FAT16, FAT32

Even when audio files comply with the standards listed above, playback may be impossible depending on the types or conditions of media or devices.

- For detailed information and notes about the playable audio files, visit
<www.jvc.net/cs/car/audiofile/>.

About USB devices

- You cannot connect a USB device via a USB hub.
- Connecting a cable whose total length is longer than 5 m may result in abnormal playback.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1.5 A.

About iPod/iPhone

- Made for
 - iPod touch (6th generation)
 - iPhone 5S, 6, 6 Plus, 6S, 6S Plus, SE, 7, 7 Plus, 8, 8 Plus, X, XS, XS MAX, XR (iOS 12.1 or later)
- 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/iPhone.
- You cannot operate iPod if “JVC” or “✓” is displayed on iPod.
- Depending on the version of the operating system of the iPod/iPhone, some functions may not operate on this unit.

About Pandora

- Pandora is only available in certain countries.
For more information, visit <www.pandora.com/legal>.
- 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>.

About Spotify

- Spotify application supports:
 - iPhone 5S, 6, 6 Plus, 6S, 6S Plus, SE, 7, 7 Plus, 8, 8 Plus, X, XS, XS MAX, XR (iOS 12.1 or later)
 - iPod touch (6th generation)
 - Android OS 4.0.3 or later
- Spotify is a third party service, therefore 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 Spotify cannot be operated from this unit.
- For issues using the application, please contact Spotify at <www.spotify.com>.

References

About AMAZON ALEXA

- Alexa is a third party service, therefore the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.

About HD Radio™ Technology

- HD2/HD3** • Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.
- Digital Sound** • Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.
- Program Info** • Program Info provides song name, artist, station ID, and other relevant data to enrich the listening experience.
- Emergency Alerts** • Emergency Alert delivers critical and life-saving messages to the public during emergency situations.

Change the display information

Each time you press  , the display information changes.

- If the information is unavailable or not recorded, "NO TEXT", "NO NAME", or other information (eg. station name) appears or display will be blank.

KD-X470BHS/KD-X370BTS/KD-X37MB5:



*1 Date will be replaced with battery and signal strength of the connected Bluetooth device if [FORMAT] is set to [BATT/SIGNAL]. (Page 36)

Source name	Display information: Main (Supplementary)
FM or AM	<p>(For KD-X470BHS)</p> <p>For digital stations only: Station name/Program type (Date) ➔ Station name/Program type (Date) with Music Synchronization Effect*2 ➔ Song title (Artist) ➔ Song title (Album title) ➔ Song title (Date) ➔ Frequency (Date) ➔ back to the beginning</p> <p>For FM Radio Broadcast Data System stations only: Station name/Program type (Date) ➔ Station name/Program type (Date) with Music Synchronization Effect*2 ➔ Radio text+ title (Radio text+ artist) ➔ Radio text+ title (Radio text+ album) ➔ Radio text+ title (Date) ➔ Frequency (Date) ➔ back to the beginning</p>

References

Source name	Display information: Main (Supplementary)
FM or AM	(For KD-X370BTS/KD-X37MB5) Frequency (Date) ➡ Frequency (Date) with Music Synchronization Effect*2 ➡ back to the beginning For FM Radio Broadcast Data System stations only: Station name/Program type (Date) ➡ Station name/Program type (Date) with Music Synchronization Effect*2 ➡ Radio text (Date) ➡ Radio text+ (Radio text+) ➡ Song title (Artist) ➡ Song title (Date) ➡ Frequency (Date) ➡ back to the beginning
USB	For MP3/WMA/AAC/WAV/FLAC files: Song title (Artist) ➡ Song title (Artist) with Music Synchronization Effect*2 ➡ Song title (Album title) ➡ Song title (Date) ➡ File name (Folder name) ➡ File name (Date) ➡ Playing time (Date) ➡ back to the beginning
iPod USB/iPod BT	When [HEAD MODE] is selected (page 11): Song title (Artist) ➡ Song title (Artist) with Music Synchronization Effect*2 ➡ Song title (Album title) ➡ Song title (Date) ➡ Playing time (Date) ➡ back to the beginning
PANDORA/PANDORA BT	Station name (Date) ➡ Station name (Date) with Music Synchronization Effect*2 ➡ Shared/Radio (Date) ➡ Song title (Artist) ➡ Song title (Album title) ➡ Song title (Date) ➡ Playing time (Date) ➡ back to the beginning
SPOTIFY/SPOTIFY BT	Context title (Date) ➡ Context title (Date) with Music Synchronization Effect*2 ➡ Song title (Artist) ➡ Song title (Album title) ➡ Song title (Date) ➡ Playing Time (Date) ➡ back to the beginning
SIRIUS XM	Channel number (Status) ➡ Channel number (Status) with Music Synchronization Effect*2 ➡ Channel name (Status) ➡ Artist (Status) ➡ Song title (Status) ➡ Content information (Status) ➡ Category name (Status) ➡ Date (Status) ➡ back to the beginning

BT AUDIO/ALEXA	Song title (Artist) ➡ Song title (Artist) with Music Synchronization Effect*2 ➡ Song title (Album title) ➡ Song title (Date) ➡ Playing time (Date) ➡ back to the beginning
AUX	Source name (Date) ➡ Source name (Date) with Music Synchronization Effect*2 ➡ back to the beginning

*2 During Music Synchronization Effect, the illumination color or brightness level of the buttons changes and synchronizes with the music level (depending on the color setting made for [PRESET] on page 36).

KD-X270BT/KD-SX26BT:



Source name	Display information: Main
FM or AM	Frequency ➡ Frequency with Music Synchronization Effect* ➡ Date ➡ back to the beginning For FM Radio Broadcast Data System stations only: Station name/Program type ➡ Station name/Program type with Music Synchronization Effect* ➡ Radio text ➡ Radio text+ ➡ Radio text+ song title/Radio text+ artist ➡ Frequency ➡ Date ➡ back to the beginning
USB	For MP3/WMA/WAV/FLAC files: Song title/Artist ➡ Song title/Artist with Music Synchronization Effect* ➡ Album title/Artist ➡ Folder name ➡ File name ➡ Playing time ➡ Date ➡ back to the beginning
PANDORA BT	Station name ➡ Station name with Music Synchronization Effect* ➡ Shared/Radio ➡ Song title ➡ Artist ➡ Album title ➡ Playing time ➡ Date ➡ back to the beginning

References

Source name	Display information: Main
SPOTIFY BT	Context title ➡ Context title with Music Synchronization Effect* ➡ Song title ➡ Artist ➡ Album title ➡ Playing Time ➡ Date ➡ back to the beginning
BT AUDIO	Song title/Artist ➡ Song title/Artist with Music Synchronization Effect* ➡ Album title/Artist ➡ Playing time ➡ Date ➡ back to the beginning
AUX	Source name ➡ Source name with Music Synchronization Effect* ➡ Date ➡ back to the beginning

* During Music Synchronization Effect, the brightness level of the buttons changes and synchronizes with the music level.

Troubleshooting

	Symptom	Remedy
General	Sound cannot be heard.	<ul style="list-style-type: none"> Adjust the volume to the optimum level. Check the cords and connections.
	"MISWIRING CHECK WIRING THEN PWR ON" appears.	Turn the power off, then check to be sure the terminals of the speaker wires are insulated properly. Turn the power on again.
	"PROTECTING SEND SERVICE" appears.	Send the unit to the nearest service center.
	Source cannot be selected.	Check the [SOURCE SELECT] setting. (Page 6)
	The unit does not work at all.	Reset the unit. (Page 4)
HD Radio Tuner/Radio	Correct characters are not displayed.	<ul style="list-style-type: none"> This unit can only display uppercase letters, numbers, and a limited number of symbols. Depending on the display language you have selected (page 6), some characters may not be displayed correctly.
	<ul style="list-style-type: none"> Radio reception is poor. Static noise while listening to the radio. 	Connect the antenna firmly.
USB/iPod	Playback order is not as intended.	The playback order is determined by the file name (USB).
	Elapsed playing time is not correct.	This depends on the recording process earlier (USB).
	"NOT SUPPORT" appears and track skips.	Check whether the track is a playable format. (Page 37)
	"READING" keeps flashing.	<ul style="list-style-type: none"> Do not use too many hierarchical levels and folders. Reattach the device (USB/iPod/iPhone).

Troubleshooting

Symptom	Remedy
"UNSUPPORTED DEVICE" appears.	<ul style="list-style-type: none"> Check whether the connected USB device is compatible with this unit and ensure the file systems are in supported formats. (Page 37) Reattach the USB device.
"UNRESPONSIVE DEVICE" appears.	Make sure the USB device is not malfunction and reattach the USB device.
"USB HUB IS NOT SUPPORTED" appears.	This unit cannot support a USB device connected via a USB hub.
"CANNOT PLAY" appears.	Connect a USB device that contains playable audio files.
<div>USB/iPod</div> <ul style="list-style-type: none"> The source does not change to "USB" when you connect a USB device while listening to another source. "USB ERROR" appears 	<p>The USB port is drawing more power than the design limit. Turn the power off and unplug the USB device. Then, turn on the power and reattach the USB device. If this does not solve the problem, turn the power off and on (or reset the unit) before replacing with another USB device.</p>
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. Disconnect and reset the iPod/iPhone using hard reset.
"LOADING" appears when you enter search mode by pressing Q/5 .	This unit is still preparing the iPod/iPhone music list. It may take some time to load, try again later.
"NO DEVICE"	Connect a device (USB/iPod/iPhone), and change the source to USB/iPod/iPhone again.
"MEMORY FULL"	You have reached the maximum storage limit of your iPod/iPhone.

Symptom	Remedy
"ADD ERROR"	New station creation is unsuccessful.
"CHK DEVICE"	Check the Pandora application on your device.
"NO SKIPS"	The skip limit has been reached.
"NO STATIONS"	No stations are found.
"STATION LMT"	The number of registered stations has reached its limit. Retry after deleting unnecessary stations from your device.
"UPGRADE APP"	Make sure you have installed the latest version of the Pandora application on your device.
"CONNECT ERR"	Communication is unstable.
"RATING ERR"	Registration of thumbs up/thumbs down has failed due to insufficient network connectivity.
"THUMBS N/A"	Registration of thumbs up/thumbs down is not allowed.
"LICENSE ERR"	You try to access from a country which Pandora is not deliverable.
"DISCONNECTED"	USB is disconnected from the head unit. Please make sure the device is connected properly through USB.
"CONNECTING"	<ul style="list-style-type: none"> Connected via USB input terminal: The device is connecting to the head unit. Please wait. Connected via Bluetooth: The Bluetooth is disconnected. Please check Bluetooth connection and make sure both the device and unit are paired and connected.
"CHECK APP"	The Spotify application is not connected properly or user is not login. End the Spotify application and restart. Then, log in to your Spotify account.

Troubleshooting

Symptom	Remedy
"CH LOCKED LOCK CODE?"	The selected channel is locked. Enter the correct pass code to unlock. (Page 18)
"CHAN UNSUB"	The selected channel is unsubscribed. Call 1-866-635-2349 in the U.S.A. or 1-877-438-9677 in Canada to subscribe. (Page 16)
"CH UNAVAIL"	The selected channel is unavailable. For more information about the SiriusXM channel lineup, visit <www.siriusxm.com>.
"CHECK ANTENNA"	Check that the antenna and its connection are in good condition.
"CHECK TUNER"	Make sure the SiriusXM Vehicle Tuner is connected to the unit.
"NO SIGNAL"	Make sure the antenna is mounted outside the vehicle.
"SUBSCRIPTION UPDATED — PRESS ENTER TO CONTINUE."	Your subscription is updated. Press the volume knob to continue.
"CODE ERROR"	Make sure you have entered the correct pass code. (Page 18)
"NO CONTENT"	There is insufficient content to start TuneScan.
"SCAN CANCEL"	TuneScan has been aborted.
No Bluetooth device is detected.	<ul style="list-style-type: none"> Search from the Bluetooth device again. Reset the unit. (Page 4)
Bluetooth pairing cannot be made.	<ul style="list-style-type: none"> Make sure you have entered the same PIN code to both the unit and Bluetooth device. Delete pairing information from both the unit and the Bluetooth device, then perform pairing again. (Page 21)

Symptom	Remedy
Echo or noise is heard during a phone conversation.	<ul style="list-style-type: none"> Adjust the microphone unit's position. (Page 20) Check the [ECHO CANCEL] setting. (Page 23)
Phone sound quality is poor.	<ul style="list-style-type: none"> Reduce the distance between the unit and the Bluetooth device. Move the car to a place where you can get a better signal reception.
Voice calling method is not successful.	<ul style="list-style-type: none"> Use voice calling method in a more quiet environment. Reduce the distance from the microphone when you speak the name. Make sure the same voice as the registered voice tag is used.
Sound is being interrupted or skipped during playback of a Bluetooth audio player.	<ul style="list-style-type: none"> Reduce the distance between the unit and the Bluetooth audio player. Turn off, then turn on the unit and try to connect again. Other Bluetooth devices might be trying to connect to the unit.
The connected Bluetooth audio player cannot be controlled.	<ul style="list-style-type: none"> Check whether the connected Bluetooth audio player supports Audio/Video Remote Control Profile (AVRCP). (Refer to the instructions of your audio player.) Disconnect and connect the Bluetooth player again.
"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.
"NOT SUPPORT"	The connected phone does not support Voice Recognition feature or phonebook transfer.
"NO ENTRY"/"NO PAIR"	There is no registered device connected/found via Bluetooth.
"ERROR"	Try the operation again. If "ERROR" appears again, check if the device supports the function you have tried.
"NO INFO"/"NO DATA"	Bluetooth device cannot get the contact information.

Troubleshooting

Symptom	Remedy
Bluetooth®	"H/W ERROR" Reset the unit and try the operation again. If "H/W ERROR" appears again, consult your nearest service center.
	"SWITCHING NG" The connected phones might not support phone switching feature.
	The Bluetooth connection between the Bluetooth device and the unit is unstable. Delete the unused registered Bluetooth device from the unit. (Page 25)
AMAZON ALEXA	No response from Alexa after the voice input. Amazon cloud was unable to analyze the voice input.
	Wrong response from Alexa. Alexa misunderstood what was said or did not catch the entire request or sentence spoken. Please try again. (Page 28, 29)
	"DISCONNECTED" Be sure to connect your smartphone to the unit via Bluetooth. (Page 21)
	Not able to connect or reconnect to Alexa mobile application. <ul style="list-style-type: none"> Be sure the audio device is connected via Bluetooth. Select the audio device from [AUDIO SELECT] in [BT MODE]. (Page 25) Perform the one-time setup process again. See "Setup for the first time" on page 27. Turn off, then turn on the unit and try to connect again. For iOS device, make sure ALEXA source or iPod BT source is selected.

If you have any troubles, try the following:

- 1 Check TROUBLESHOOTING
- 2 Reset the unit (page 4)
- 3 Contact (USA only)

Call: 1-800-252-5722 (or) visit: <<http://www.jvc.com>>

Installation/Connection

This section is for the professional installer.

For safety's sake, leave wiring and mounting to professionals. Consult the car audio dealer.

▲ 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 Battery wire (yellow) and Ignition wire (red) to the car chassis or Ground wire (black) to prevent a short circuit.
- To prevent short circuit:
 - Insulate unconnected wires with vinyl tape.
 - Be sure to ground this unit to the car's chassis again after installation.
 - Secure the wires with cable clamps and wrap vinyl tape around the wires that come in contact with metal parts to protect the wires.

▲ CAUTION

- Install this unit in the console of your vehicle. Do not touch the metal parts of this unit during and shortly after use of the unit. Metal parts such as the heat sink and enclosure become hot.
- Do not connect the ⊖ wires of speakers to the car chassis or Ground wire (black), or connect them 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 30)
- Mount the unit at an angle of less than 30°.
- 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.
- Keep all cables away from heat dissipate metal parts.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on 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.

Installation/Connection

Part list for installation

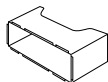
(A) Faceplate (×1)



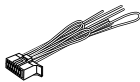
(B) Trim plate (×1)



(C) Mounting sleeve (×1)



(D) Wiring harness (×1)

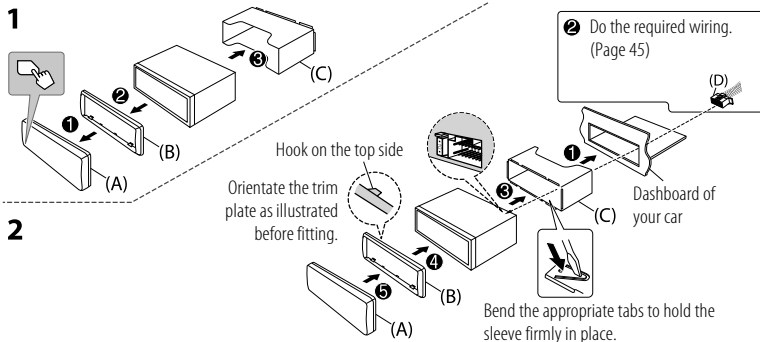


(E) Extraction key (×2)



Installing the unit (in-dash mounting)

1



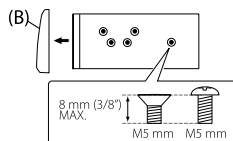
2

Basic procedure

- 1 Remove the key from the ignition switch, then disconnect the \ominus terminal of the car battery.
- 2 Connect the wires properly.
See "Wiring connection" on page 45.
- 3 Install the unit to your car.
See the following "Installing the unit (in-dash mounting)".
- 4 Connect the \ominus terminal of the car battery.
- 5 Press \odot SRC to turn on the power.
- 6 Detach the faceplate and reset the unit within 5 seconds.
(Page 4)

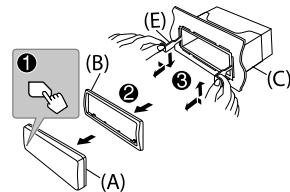
Installing the unit (without mounting sleeve)

- 1 Remove the mounting sleeve and trim plate from the unit.
- 2 Align the holes in the unit (on both sides) with the vehicle mounting bracket and secure the unit with screws (commercially available).



⚠ Use only the specified screws. Using wrong screws might damage the unit.

Removing the unit

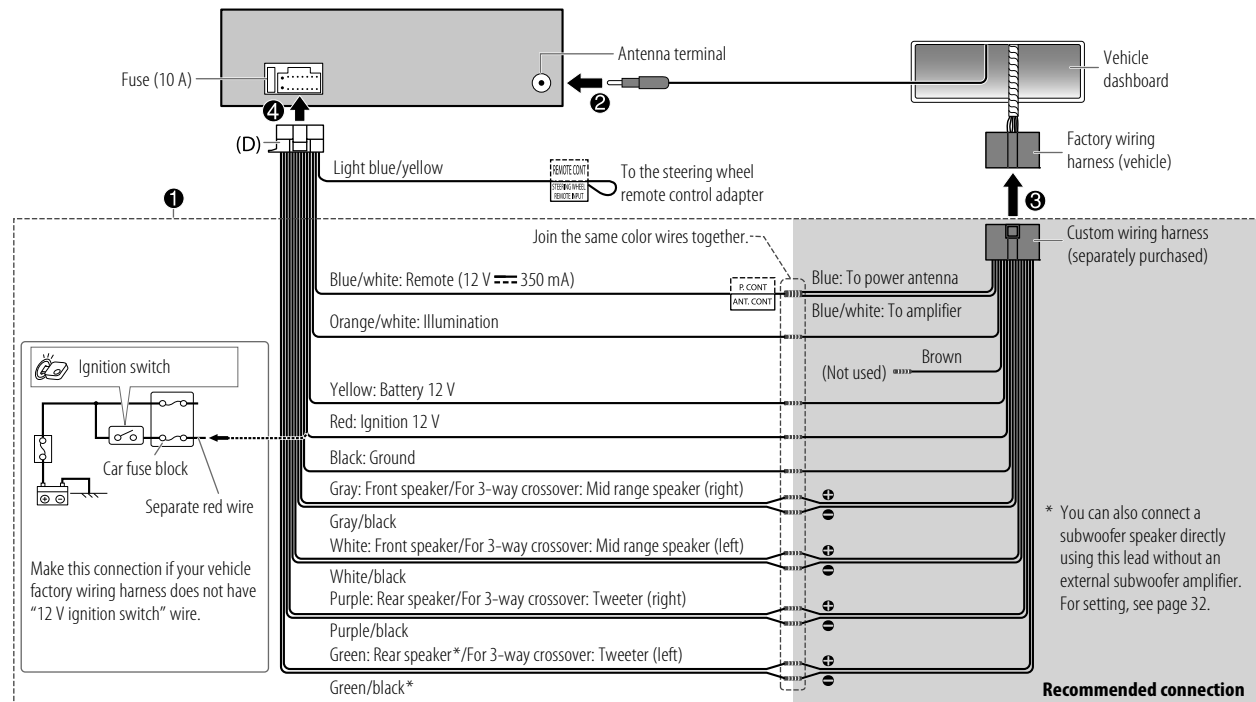


Installation/Connection

Wiring connection

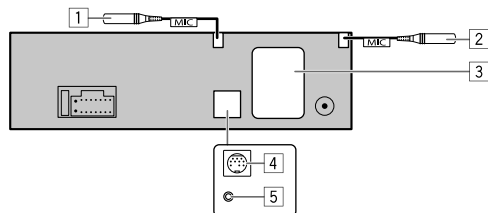
IMPORTANT

We recommend installing the unit with a commercially available custom wiring harness specific for your car and leave this job to professionals for your safety. Consult your car audio dealer.



Installation/Connection

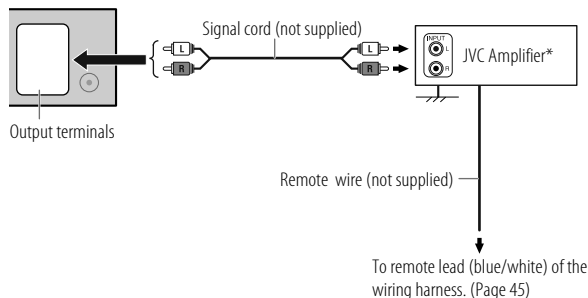
Connect external components



No Part

- 1 For KD-X470BHS: MIC (Microphone input terminal) (page 20)
- 2 For KD-X370BTS/KD-X37MBS: MIC (Microphone input terminal) (page 20)
- 3 Output terminals (See "Connect external amplifiers via output terminals".)
- 4 For KD-X470BHS/KD-X370BTS/KD-X37MBS:
Expansion port (12 V \equiv 500 mA): To the optional SiriusXM Vehicle Tuner (commercially available). (Page 16)
- 5 For KD-X270BT/KD-SX26BT: Microphone input jack (page 20)

Connect external amplifiers via output terminals



* Firmly connect the ground wire of the amplifier to the car's chassis to avoid damaging the unit.

Model	Output terminals	2-way crossover	3-way crossover
KD-X470BHS/ KD-X370BTS/ KD-X37MBS/	REAR	Rear output	Tweeter output
	FRONT	Front output	Mid Range output
	SW	Subwoofer output	Woofer output
KD-X270BT/ KD-SX26BT	REAR/SW	Rear/subwoofer output	Woofer output

Specifications

KD-X470BHS:			
Tuner	FM	Frequency Range	87.9 MHz — 107.9 MHz (200 kHz step) 87.5 MHz — 108.0 MHz (50 kHz step)
		Usable Sensitivity (S/N = 26 dB)	7.2 dBf (0.63 μ V/75 Ω)
		Quieting Sensitivity (DIN S/N = 46 dB)	15.2 dBf (1.58 μ V/75 Ω)
		Frequency Response (± 3 dB)	30 Hz — 15 kHz
		Signal-to-Noise Ratio (MONO)	68 dB
		Stereo Separation (1 kHz)	40 dB
	Digital FM	Frequency Range	87.9 MHz — 107.9 MHz (200 kHz step)
		Frequency Response (± 3 dB)	20 Hz — 20 kHz
		Signal-to-Noise Ratio (STEREO)	75 dB
	AM	Frequency Range	530 kHz — 1 700 kHz (10 kHz step) 531 kHz — 1 611 kHz (9 kHz step)
		Usable Sensitivity (S/N = 20 dB)	29 dB μ (28.2 μ V)
	Digital AM	Frequency Range	530 kHz — 1 700 kHz (10 kHz step)
		Frequency Response (± 3 dB)	40 Hz — 15 kHz
		Signal-to-Noise Ratio (STEREO)	70 dB

KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT:			
Tuner	FM	Frequency Range	87.9 MHz — 107.9 MHz (200 kHz step) 87.5 MHz — 108.0 MHz (50 kHz step)
		Usable Sensitivity (S/N = 26 dB)	8.2 dBf (0.71 μ V/75 Ω)
		Quieting Sensitivity (DIN S/N = 46 dB)	17.2 dBf (2.0 μ V/75 Ω)
		Frequency Response (± 3 dB)	30 Hz — 15 kHz
		Signal-to-Noise Ratio (MONO)	64 dB
		Stereo Separation (1 kHz)	40 dB
	AM	Frequency Range	530 kHz — 1 700 kHz (10 kHz step) 531 kHz — 1 611 kHz (9 kHz step)
		Usable Sensitivity (S/N = 20 dB)	29 dB μ (28.2 μ V)
Auxiliary	Frequency Response (± 3 dB)		20 Hz — 20 kHz
	Input Maximum Voltage		1 000 mV
	Input Impedance		30 k Ω
USB	USB Standard		KD-X470BHS/KD-X370BTS/KD-X37MBS: USB 1.1, USB 2.0 (High speed) KD-X270BT/KD-SX26BT: USB 1.1, USB 2.0 (Full speed)
	Compatible Devices		Mass storage class
	File System		FAT12/16/32
	Maximum Supply Current		DC 5 V \leq 1.5 A
	Digital Filter (D/A) Converter		24 Bit
Frequency Response (± 1 dB)		20 Hz — 20 kHz	

Specifications

USB	Signal-to-Noise Ratio (1 kHz)	KD-X470BHS: 98 dB KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT: 99 dB
	Dynamic Range	93 dB
	Channel Separation	KD-X470BHS: 92 dB KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT: 89 dB
	MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
	WMA Decode	Compliant with Windows Media Audio
	AAC Decode	KD-X470BHS/KD-X370BTS/KD-X37MBS: AAC-LC ".aac", ".m4a" files
	WAV Decode	Linear-PCM
	FLAC Decode	FLAC file, up to 24 bit/96 kHz
Bluetooth	Version	Bluetooth V4.2
	Frequency Range	2.402 GHz — 2.480 GHz
	RF Output Power (E.I.R.P.)	+4 dBm (MAX), Power Class 2
	Maximum Communication Range	Line of sight approx. 10 m (32.8 ft)
	Pairing	SSP (Secure Simple Pairing)
	Profile	HFP1.7.1 (Hands-Free Profile) A2DP (Advanced Audio Distribution Profile) AVRCP1.6.1 (Audio/Video Remote Control Profile) PBAP (Phonebook Access Profile) SPP (Serial Port Profile)

Audio	Maximum Output Power	50 W × 4 or 50 W × 2 + 50 W × 1 (Subwoofer = 4 Ω)
	Full Bandwidth Power (at less than 1 % THD)	22 W × 4
	Speaker Impedance	4 Ω — 8 Ω
	Preout Level/Load	KD-X470BHS: 5 000 mV/10 kΩ KD-X370BTS/KD-X37MBS: 4 000 mV/10 kΩ KD-X270BT/KD-SX26BT: 2 500 mV/10 kΩ
	Preout Impedance	≤ 600 Ω
General	Operating Voltage	12 V DC car battery
	Installation Size (W × H × D)	182 mm × 53 mm × 100 mm (7-3/16" × 2-1/8" × 3-15/16")
	Net Weight (includes Trimplate, Mounting Sleeve)	KD-X470BHS/KD-X370BTS/KD-X37MBS: 0.7 kg (1.5 lbs) KD-X270BT/KD-SX26BT: 0.6 kg (1.3 lbs)

Subject to change without notice.

libFLAC

Copyright (C) 2000-2009 Josh Coalson

Copyright (C) 2011-2013 Xiph.Org Foundation

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. For patents see <http://dts.com/patents>. HD Radio™ and the HD, HD Radio, and "ARC" logos are registered trademarks or trademarks of iBiquity Digital Corporation in the United States and/or other countries.
- Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge 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 an Apple product may affect wireless performance.
- Apple, iPhone, iPod, iPod touch, and Lightning are trademarks of Apple Inc., registered in the U.S. and other countries.
- ©2019 Pandora Media, LLC. All rights reserved. PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, LLC. Used with permission.
- SPOTIFY and the Spotify logo are among the registered trademarks of Spotify AB.
- Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.
- Android is a trademark of Google LLC.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by JVCKENWOOD Corporation is under license. Other trademarks and trade names are those of their respective owners.
- Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.



ENGLISH
FRANÇAIS
ESPAÑOL

KD-X470BHS / KD-X370BTS / KD-X37MBS / KD-X270BT / KD-SX26BT

DIGITAL MEDIA RECEIVER

Quick Start Guide

RÉCEPTEUR MULTIMÉDIA NUMÉRIQUE

Guide de démarrage rapide

RECEPTOR DE MEDIOS DIGITALES

Guía de inicio rápido

JVCKENWOOD Corporation

For detailed operations and information, refer to the INSTRUCTION MANUAL on the following website:
Pour les opérations et les informations détaillées, reportez-vous au MANUEL D'INSTRUCTIONS sur le site web suivant:
Para obtener más información y detalles sobre las operaciones, consulte el MANUAL DE INSTRUCCIONES en el siguiente sitio web:

<<http://www.jvc.net/cs/car/>>



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. _____

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.

Informação sobre a eliminação de pilhas

Este produto não deve ser eliminado como lixo doméstico geral. Devolva a pilha usada ao revendedor ou entidade autorizada para que a mesma seja devolvida ao fabricante ou importador.

A reciclagem e a eliminação de lixo de maneira apropriada ajudarão a conservar os recursos naturais ao mesmo tempo que prevenirão os efeitos prejudiciais à nossa saúde e ao meio ambiente.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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.

Supplier's Declaration of Conformity

Trade Name: JVC

Products: DIGITAL MEDIA RECEIVER

Model Name: KD-X470BHS/KD-X370BTS/KD-X37MBS/KD-X270BT/KD-SX26BT

Responsible Party: JVCKENWOOD USA CORPORATION

2201 East Dominguez Street, Long Beach, CA 90810, U.S.A.

PHONE: 310 639-9000

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

IC (Industry Canada) Caution

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Attention de l'IC (Industrie Canada)

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage.
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Contains Bluetooth Module

FCC ID:
IC ID:

ZWY88112
12033A-88112

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

CAUTION

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

ATTENTION

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles des radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain.

Para cumplimiento de la IFT:

"La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada"

SOFTWARE LICENSE AGREEMENT

The software embedded in the Product (hereinafter the "Licensed Software") provided by Licensor is copyrighted to or sublicensable by the Licensor, and this Agreement provides for the terms and conditions which Users shall follow in order to use the Licensed Software.

The User shall use the Licensed Software by agreeing with the terms of this Software License Agreement. This Agreement shall be deemed completed at the time the User (hereinafter the "User") initially used the Product in which the "Licensed Software" is embedded.

The Licensed Software may include the software which has been licensed to the Licensor directly or indirectly from any third party. In such case, some third parties require the Users to follow their conditions for use separately from this Software License Agreement. Such software shall not be subject to this Agreement, and the Users are urged to read the "Important Notice concerning the Software" to be provided separately below.

Article 1 General Provision

The Licensor shall grant to the User a non-exclusive and non-transferable (other than the exceptional case referred to in Article 3, Paragraph 1) licensed to use the Licensed Software within the country of the User. (the country where the User bought the Product (hereinafter the "Country"))

Article 2 License

1. The license granted under this Agreement shall be the right to use the Licensed Software in the Product.
2. The User shall not duplicate, copy, modify, add, translate or otherwise alter, or lease the Licensed Software and any related documents, whether in whole or in part.
3. The use of the Licensed Software shall be limited to personal purpose, and the Licensed Software shall not be distributed, licensed or sub-licensed whether it is for commercial purpose or not.
4. The User shall use the Licensed Software according to the directions described in the operation manual or help file, and is prohibited to use or duplicate any data in a manner violating the Copyright Law or any other laws and regulations by applying whole or a part of the Licensed Software.

Article 3 Conditions for Grant of License

1. When the User transfers the Product, it may also transfer the license to use the Licensed Software embedded in the Product (including any related materials, updates and upgrades) on condition that no original, copies or related materials continue in the possession of the User, and that the User shall cause the transferee to comply with this Software License Agreement.
2. The User shall not carry out reverse engineering, disassembling, decompiling or any other code analysis works in connection with the Licensed Software.

Article 4 Right pertaining to the Licensed Software

Any and all copyrights and other rights pertaining to the Licensed Software and related documents shall belong to the Licensor or the original holder of the right who granted to the Licensor the license or sublicense for the Licensed Software (hereinafter the "Original Rightholder"), and the User shall not be entitled to any right other than the license granted hereunder, in respect of the Licensed Software and any related documents.

Article 5 Indemnification of Licensor

1. Neither the Licensor nor the Original Rightholder shall be liable for any damage incurred by the User or any third party due to the exercise of the license granted to the User under this Agreement, unless otherwise restricted by law.
2. The Licensor will offer no guarantee for the merchantability, convertibility and consistency with certain objective of the Licensed Software.

Article 6 Liability to Third Party

If any dispute has arisen with any third party due to an infringement upon a copyright, patent or any other intellectual property right that was caused by the User's use of the Licensed Software, the User shall settle such dispute at its own cost and hold the Licensor and the Original Rightholder harmless from any inconvenience it may cause.

Article 7 Confidentiality

The User shall keep the confidentiality of such portion of the Licensed Software, related documents thereof or any other information to be granted under this Agreement, as well as the conditions of this Agreement as has not yet entered the public domain, and shall not disclose or divulge the same to any third party without approval of the Licensor.

Article 8 Termination

In case the User falls under any of the events described in the following items, the Licensor may immediately terminate this Agreement or claim that the User compensates for the damage incurred by the Licensor due to such event:

- (1) when the User violated any provision of this Agreement; or
- (2) when a petition has been filed against the User for an attachment, provisional attachment, provisional disposition or any other compulsory execution.

Article 9 Destruction of the Licensed Software

If this Agreement is terminated pursuant to the provision of Article 8, the User shall destroy the Licensed Software, any related documents and copies thereof within two (2) weeks from such date of termination.

Article 10 Protection of Copyright

1. The copyright and all the other intellectual property rights relating to the Licensed Software shall belong to the Licensor and the Original Rightholder, and in no event shall they be under the ownership of the User.
2. The User shall, whenever it uses the Licensed Software, comply with any laws relating to the copyright and other intellectual property rights.

Article 11 Export Restriction

1. It is prohibited to export the Licensed Software and any related documents outside the country of the User (including transmission thereof outside the country of the User via Internet of other communication tools).
2. The User shall understand that the Licensed Software shall be subject to the export restrictions adopted by the country of User and any other countries.
3. The User shall agree that the software will be subject to any and all applicable international and domestic laws (including the export control regulation of the country of User and any other countries, and any restrictions concerning the end-users, the use by end-users and importing countries to be provided by the country of User and any other countries, and any other governmental authorities).

Article 12 Miscellaneous

1. In the event any part of this Agreement is invalidated by operation of law, the residual provisions shall continue in force.
2. Matters not stipulated in this Agreement or any ambiguity or question raised in the construction of this Agreement shall be provided or settled upon good-faith consultation between the Licensor and the User.
3. The Licensor and the User hereby agree that this Agreement is governed by the laws of Japan, and any dispute arising from, and relating to the rights and obligations under, this Agreement shall be submitted to the exclusive jurisdiction of the Tokyo District Court for its first instance.

Important Notice concerning the Software

-jansson

Copyright (c) 2009-2012 Petri Lehtinen <petri@digip.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-cljSON

Copyright (c) 2009 Dave Gamble

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-CMP

The MIT License (MIT)

Copyright (c) 2014 Charles Gunyon

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2011 Petteri Aimonen <jpa at nanopb.mail.kapsi.fi>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Installation/Connection

This section is for the professional installer.

For safety's sake, leave wiring and mounting to professionals. Consult the car audio dealer.

▲ 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 Battery wire (yellow) and Ignition wire (red) to the car chassis or Ground wire (black) to prevent a short circuit.
- To prevent short circuit:
 - Insulate unconnected wires with vinyl tape.
 - Be sure to ground this unit to the car's chassis again after installation.
 - Secure the wires with cable clamps and wrap vinyl tape around the wires that comes into contact with metal parts to protect the wires.

▲ CAUTION

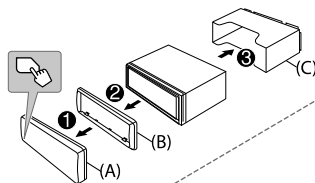
- Install this unit in the console of your vehicle. Do not touch the metal parts of this unit during and shortly after use of the unit. Metal parts such as the heat sink and enclosure become hot.
- Do not connect the \ominus wires of speakers to the car chassis or Ground wire (black), or connect them 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.
- Mount the unit at an angle of less than 30°.
- 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.
- Keep all cables away from heat dissipate metal parts.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on 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.

■ Basic procedure

- 1 Remove the key from the ignition switch, then disconnect the \ominus terminal of the car battery.
- 2 Connect the wires properly. See "Wiring connection" on page 3.
- 3 Install the unit to your car. See the following "Installing the unit (in-dash mounting)".
- 4 Connect the \ominus terminal of the car battery.
- 5 Press \odot SRC to turn on the power.
- 6 Detach the faceplate and reset the unit within 5 seconds. See "How to reset" on page 4.

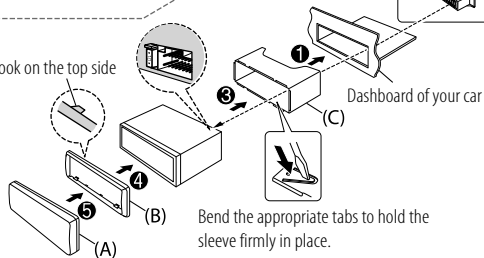
Installing the unit (in-dash mounting)

1



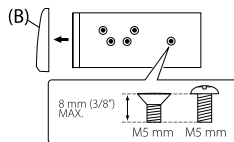
2

Hook on the top side



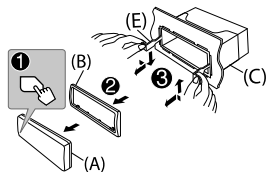
Installing the unit (without mounting sleeve)

- 1 Remove the mounting sleeve and trim plate from the unit.
- 2 Align the holes in the unit (on both sides) with the vehicle mounting bracket and secure the unit with screws (commercially available).



▲ Use only the specified screws.
Using wrong screws might damage the unit.

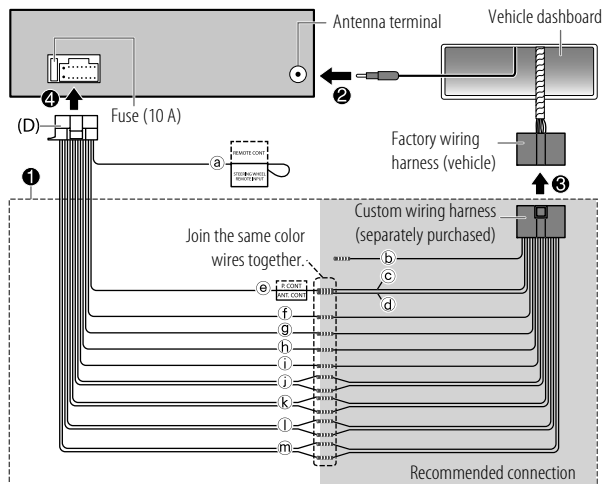
Removing the unit



Part list (supplied)

- (A) Faceplate (×1)
- (B) Trimplate (×1)
- (C) Mounting sleeve (×1)
- (D) Wiring harness (×1)
- (E) Extraction key (×2)

Wiring connection



- Ⓐ Light blue/yellow: To the steering wheel remote control adapter
- Ⓑ Brown (not used)
- Ⓒ Blue: To power antenna
- Ⓓ Blue/white: To amplifier
- Ⓔ Blue/white: Remote (12 V \approx 350 mA)
- Ⓕ Orange/white: Illumination
- Ⓖ Yellow: Battery 12 V
- Ⓗ Red: Ignition 12 V
- Ⓘ Black: Ground
- Ⓢ Gray ⊕, Gray/black ⊖: Front speaker (right)
- Ⓚ White ⊕, White/black ⊖: Front speaker (left)
- Ⓛ Purple ⊕, Purple/black ⊖: Rear speaker (right)
- Ⓜ Green ⊕, Green/black ⊖: Rear speaker (left)

Before Use

IMPORTANT

- To ensure proper use, please read through this Guide before using this product. It is especially important that you read and observe Warnings and Cautions in this Guide.
- Please keep the Guide in a safe and accessible place for future reference.

▲ WARNING

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

▲ CAUTION

Volume setting:

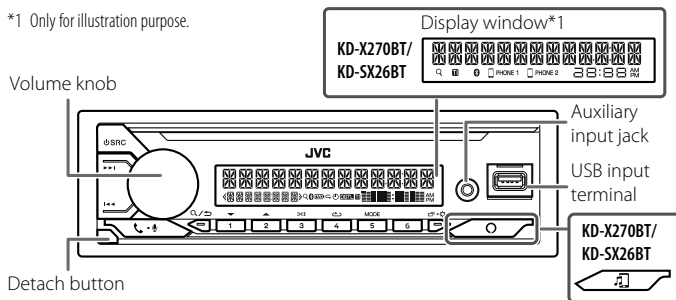
- Adjust the volume so that you can hear sounds outside the car to prevent accidents.
- Lower the volume before playing digital sources to avoid damaging the speakers by the sudden increase of the output level.

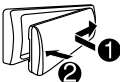
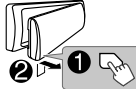




General:

- Avoid using the external device if it might hinder safe driving.
- 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.
- Depending on the types of cars, the antenna will automatically extend when you turn on the unit with the antenna control wire connected. Turn off the unit when parking at a low ceiling area.

Basics (on faceplate)

*1 Only for illustration purpose.



Attach	Detach	How to reset
		 <p>Reset the unit within 5 seconds after detaching the faceplate.</p>
To		On the faceplate
Turn on the power		Press  SRC. • Press and hold to turn off the power.
Adjust the volume		Turn the volume knob.
Select a source		Press  SRC repeatedly.
Change the display information*2		Press  repeatedly.

*2 One of the display information supports Music Synchronization Effect. The illumination color or brightness level of the buttons changes and synchronizes with the music level.

Getting Started

1 Cancel the demonstration

When you turn on the power for the first time (or [FACTORY RESET] is set to [YES]), the display shows: "CANCEL DEMO" → "PRESS" → "VOLUME KNOB"

- 1 Press the volume knob.
[YES] is selected for the initial setup.
- 2 Press the volume knob again.
"DEMO OFF" appears.


2 Set the clock and date


- 1 Press and hold .
- 2 Turn the volume knob to select [CLOCK], then press the knob.

To adjust the clock



- 3 Turn the volume knob to select [CLOCK ADJUST], then press the knob.
- 4 Turn the volume knob to make the settings, then press the knob.
Set the time in the order of "Hour" → "Minute".
- 5 Turn the volume knob to select [CLOCK FORMAT], then press the knob.
- 6 Turn the volume knob to select [12H] or [24H], then press the knob.


To set the date

- 7 Turn the volume knob to select [DATE SET], then press the knob.
- 8 Turn the volume knob to make the settings, then press the knob.
Set the date in the order of "Day" → "Month" → "Year".
- 9 Press  to exit.

To return to the previous setting item, press .

3 Set the basic settings

- 1 Press and hold .
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.
- 4 Press  to exit.

To return to the previous setting item, press .

Default: **[XX]**

[SYSTEM]	
[KEY BEEP]	(Not applicable when 3-way crossover is selected.) [ON] : Activates the keypress tone. ; [OFF] : Deactivates.
[FACTORY RESET]	[YES] : Resets the settings to default (except the stored station). ; [NO] : Cancels.
[CLOCK]	
[CLOCK DISPLAY]	[ON] : The clock time is shown on the display even when the unit is turned off. ; [OFF] : Cancels.
[ENGLISH]	Select the display language for menu and music information if applicable. By default, [ENGLISH] is selected.
[ESPANOL]	
[FRANCAIS]*	

* Only for KD-X470BHS/KD-X370BTS/KD-X37MBS.

HD Radio™ Tuner/Radio

For KD-X470BHS, you can tune in to both conventional and HD Radio broadcasts.

■ Search for a station or channel

- 1 Press repeatedly to select FM or AM.
- 2 For KD-X470BHS: Press and hold / to select the tuning mode.
 - [HD SEEK]: Search for HD Radio broadcast only.
 - [MANUAL SEEK]: Search for both conventional and HD Radio broadcasts.
- 3 Press / to search for a station or channel automatically.
(or)
Press and hold / until "M" flashes, then press repeatedly to search for a station or channel manually.

■ Settings in memory

You can store up to 18 stations for FM and 6 stations for AM. For KD-X470BHS, you can store 18 channels for HD Radio.

Store a station or channel

While listening to a station or channel....

Press and hold one of the number buttons (1 to 6).
(or)

- 1 Press and hold the volume knob until "PRESET MODE" flashes.
- 2 Turn the volume knob to select a preset number, then press the knob.
"MEMORY" appears once the station or channel is stored.

Select a stored station or channel

Press one of the number buttons (1 to 6).
(or)

- 1 Press / .
- 2 For KD-X470BHS: Turn the volume knob to select [PRESET LIST], then press the knob.
- 3 Turn the volume knob to select a preset number, then press the knob.

USB/iPod

Selectable source:



- KD-X470BHS/KD-X370BTS/KD-X37MBS: USB/iPod USB or iPod BT
- KD-X270BT/KD-SX26BT: USB


■ Start playback

The source changes automatically and playback starts when you attach a device (USB device/ iPod/iPhone) to the USB input terminal.

To	On the faceplate
Reverse/Fast-forward	Press and hold / .
Select a file	Press / .
Select a folder	Press 2▲ / 1▼.
Repeat play	Press 4 repeatedly.
Random play	Press 3 repeatedly.

Menu Settings

- 1 Press and hold  to enter menu settings.
- 2 Turn the volume knob to select an item, then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated.
- 4 Press  to exit.

To return to the previous setting item, press .

- Refer to the INSTRUCTION MANUAL on the following website for the detailed explanation of each item: <<http://www.jvc.net/cs/car/>>
- The availability of each item vary depending on the model.

Menu items

- [EQ SETTING] : Selects a preset equalizer or adjusts your own sound settings.
- [AUDIO CONTROL] : Sets your preferred audio settings.
- [SOUND EFFECT] : Sets your preferred sound effect.
- [DISPLAY] : Sets your preferred control for the display window.
- [COLOR] : Sets your preferred illumination color for buttons.
- [TUNER SETTING] : Settings for radio source.
- [SIRIUS XM] : Settings for Sirius XM tuner.
- [BT MODE] : Settings for using a Bluetooth device.
- [REMOTE APP] : Settings for using smartphone to control this unit.
- [MIC GAIN]*1 : Sets the sensitivity of the microphone.
- [NR LEVEL]*1 : Adjusts the noise reduction level.
- [ECHO CANCEL]*1 : Adjusts the echo cancellation delay time.
- [SYSTEM] : Settings for this unit.
- [CLOCK] : Adjusts the clock.
- [ENGLISH] : Selects language for the menu and music information.
- [ESPAÑOL] : Selects language for the menu and music information.
- [FRANCAIS]*2 : Selects language for the menu and music information.
- [DEMO MODE] : Activates or deactivates the display demonstration.

*1 Applicable only while talking on the phone.

*2 Only for KD-X470BHS/KD-X370BTS/KD-X37MBS.

Examples of some well-used settings

Subwoofer Level Setting

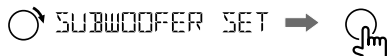
- 1 Press and hold  to enter menu settings.



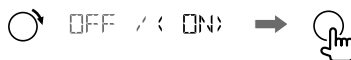
- 2 Turn the volume knob clockwise to select [AUDIO CONTROL], then press the knob.



- 3 Turn the volume knob clockwise to select [SUBWOOFER SET], then press the knob.



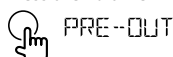
- 4 Turn the volume knob clockwise to select [ON], then press the knob.



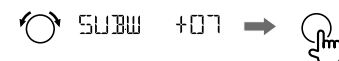
- 5 Turn the volume knob clockwise to select [SUB.W LEVEL], then press the knob.



- 6 Press the volume knob if [PRE-OUT] is shown on the display.



- 7 Turn the volume knob to adjust the subwoofer level, then press the knob.



Continued on the next page...

- 8 Press to exit the setting menu.

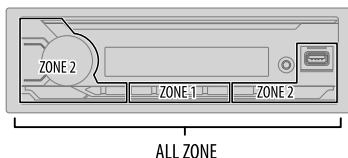


Note:

For KD-X270BT/KD-SX26BT, you need to set [SPK/PRE OUT] to [REAR/SUB.W] or [SUB.W/SUB.W] before you can make the subwoofer level settings.

Illumination Color Setting

For KD-X470BHS/KD-X370BTS/KD-X37MBS, you can set your preferred illumination color for each zone.



- 1 Press and hold to enter menu settings.



- 2 Turn the volume knob clockwise to select [COLOR], then press the knob.



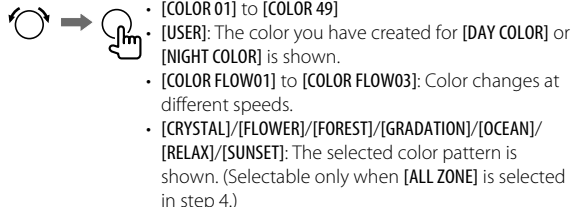
- 3 Press the volume knob if [PRESET] is shown on the display.



- 4 Turn the volume knob to choose a zone ([ALL ZONE], [ZONE 1], [ZONE 2]), then press the knob.



- 5 Turn the volume knob to choose a color, then press the knob.



- 6 Repeat step 4 and step 5 to set color for other zones.

- 7 Press to exit.



Other Information

For playback operations of **AUX**, **Spotify**, **Pandora®**, **SiriusXM® Radio**, **AMAZON ALEXA** sources, refer to the INSTRUCTION MANUAL on the following website: <<http://www.jvc.net/cs/car/>>

- The availability of each source vary depending on the model.

Note for specifications

Bluetooth Frequency Range:

2.402 GHz — 2.480 GHz

Bluetooth RF Output Power (E.I.R.P.):

+4 dBm (MAX), Power Class 2

Speaker Impedance:

4 Ω — 8 Ω

Operating Voltage:

12 V DC car battery

Bluetooth®

- Depending on the Bluetooth version, operating system and the firmware version of your mobile phone, Bluetooth features may not work with this unit.
- Be sure to turn on the Bluetooth function of the device to make the following operations.
- Signal conditions vary depending on the surroundings.

Connect the microphone

Connect the supplied microphone to the microphone input terminal or microphone input jack on the rear panel.

Adjust the microphone angle



Secure using cord clamps (not supplied) if necessary.

Pair and connect a Bluetooth device for the first time

- Press **SRC** to turn on the unit.
- Search and select the name of your receiver ("KD-X470BHS"/"KD-X370BTS"/"KD-X37MB5"/"KD-X270BT"/"KD-SX26BT") on the Bluetooth device.
- Perform (A) or (B) depending on what appears on the display.
For some Bluetooth devices, pairing sequence may vary from the steps described below.

(A) "[Device Name]" → "XXXXXX" → "VOL – YES" → "BACK – NO"
"XXXXXX" is a 6-digit passkey randomly generated during each pairing.

- Ensure that the passkeys appear on the unit and Bluetooth device are the same.
- Press the volume knob to confirm the passkey.
- Operate the Bluetooth device to confirm the passkey.

(B) "[Device Name]" → "VOL – YES" → "BACK – NO"

- Press the volume knob to start pairing.
- If "PAIRING" → "PIN 0000" scrolls on the display, enter the PIN code "0000" into the Bluetooth device.
 - If only "PAIRING" appears, operate the Bluetooth device to confirm pairing.

"PAIRING COMPLETED" appears when pairing is completed and will light up when the Bluetooth connection is established.

Answer a call

Press **CALL** or the volume knob.

- To adjust the phone volume [00] to [35], turn the volume knob.
- To end a call, press and hold **CALL** or the volume knob.

Audio player via Bluetooth

- Press **SRC** repeatedly to select BT AUDIO.
 - For KD-X270BT/KD-SX26BT: Pressing **BT** enters BT AUDIO directly.
- Operate the audio player via Bluetooth to start playback.

To	On the faceplate
Play back/pause	Press the volume knob.
Select group or folder	Press 2▲ / 1▼.
Reverse skip/Forward skip	Press I◀◀ / ▶▶I.
Reverse/Fast-forward	Press and hold I◀◀ / ▶▶I.
Repeat play	Press 4↺ repeatedly.
Random play	Press 3↻ repeatedly.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. For patents see <http://dts.com/patents>. HD Radio™ and the HD, HD Radio, and “ARC” logos are registered trademarks or trademarks of iBiquity Digital Corporation in the United States and/or other countries.
- Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge 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 an Apple product may affect wireless performance.
- Apple, iPhone, iPod, iPod touch, and Lightning are trademarks of Apple Inc., registered in the U.S. and other countries.
- ©2019 Pandora Media, LLC. All rights reserved. PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, LLC. Used with permission.
- SPOTIFY and the Spotify logo are among the registered trademarks of Spotify AB.
- Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.
- Android is a trademark of Google LLC.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by JVCKENWOOD Corporation is under license. Other trademarks and trade names are those of their respective owners.
- Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.



pandora®

((SiriusXM))
READY



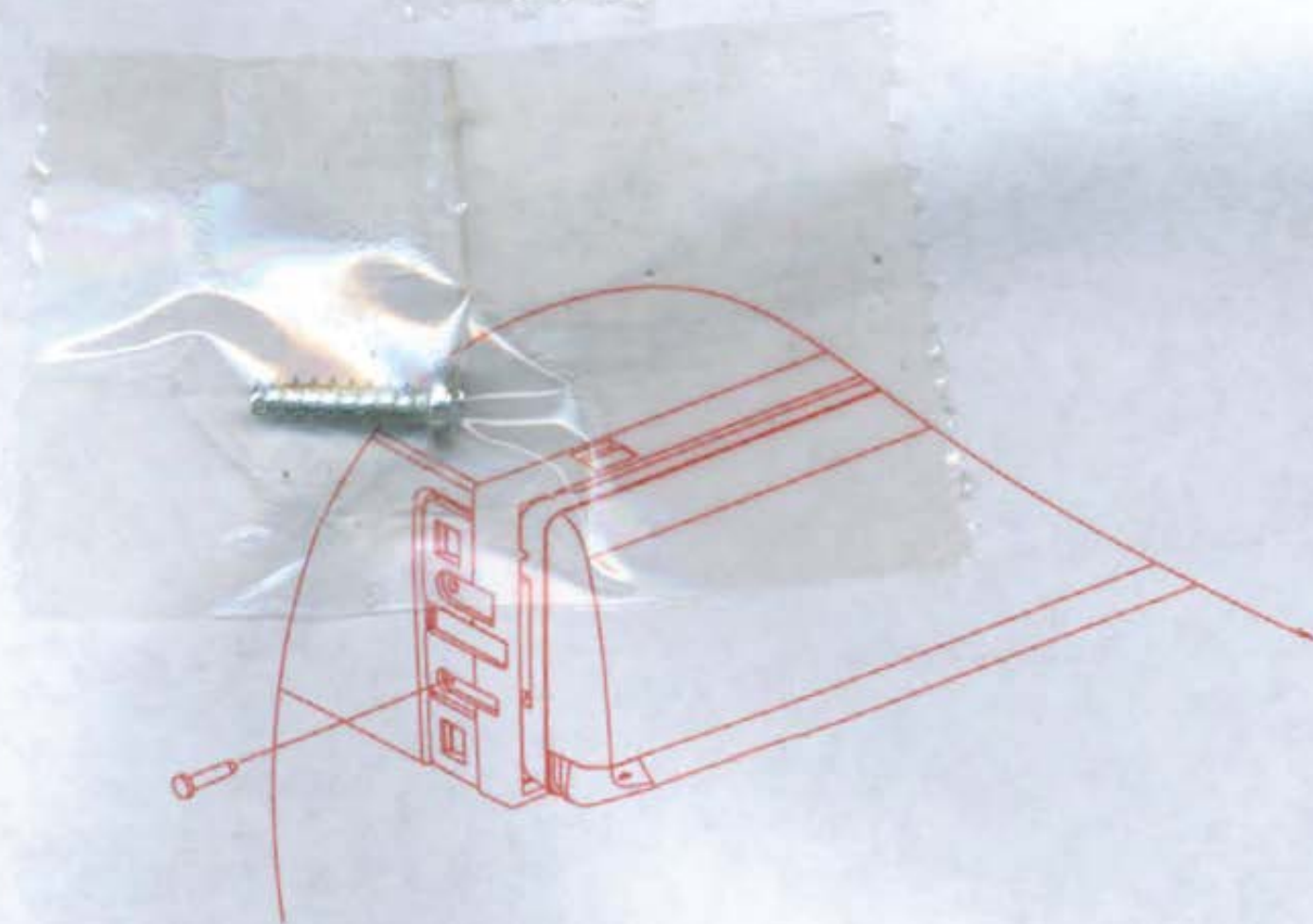
Bluetooth®

Spotify®



K2
TECHNOLOGY

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

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.us.jvckenwood.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 <http://www.us.jvckenwood.com>

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

JVC

LIMITED WARRANTY

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVCKENWOOD USA Corporation 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 2 YRS / LABOR 2 YRS : Car audio ARSENAL series

PARTS 1 YR / LABOR 1 YR : All other car audio products

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.

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) and a copy of the proof of purchase to verify purchase date. 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.us.jvckenwood.com>.

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.

JVCKENWOOD USA Corporation

PO Box 22745, 2201 East Dominguez Street, Long Beach, CA90801-5745

<http://www.us.jvckenwood.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:



WARRANTY

Warranty applies only to PRODUCT distributed in Canada by JVCKENWOOD CANADA INC.

JVCKENWOOD 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.
- Any JVC products on which the serial number has been defaced, modified or removed.
- Maintenance, cleaning or periodic check-up
- Conversion to foreign or domestic voltage or frequency.
- Any JVC product without the Canadian Electrical Safety Regulations ID.
- Any JVC products used for commercial or institutional, rental, or display purposes.
Parts 1 year (except video head - 90 days)
Labour ... 90 days
- Any JVC product which has been resold and no longer owned by the original purchaser.
- Product purchased from "outside Canada", "bankruptcy" or "liquidator".
- Any defects caused by fire, flood, lightning, power surge, or other events beyond the control of JVC.

(m) FOR AUTO PRODUCTS

Warranty does not cover elimination of car static or electrical interferences, cleaning of head, adjustments, or labour cost for the removal or reinstallation of the unit for repair.

3. Standards:

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

4. Exclusion of All Other Express Warranties:

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

5. Disclaimer of Consequential Damage:

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

WARRANTY TERM (VALID FROM THE DATE OF PURCHASE)

Product	Parts (Years)	Labour (Years)
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)	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.		
Receivers and Home Speakers purchased separately. Front Projection and Car Audio "ARSENAL" Series	2	2
AC Adapters, Remote controls, Headphones, Microphones and Projector lamps	90 days	90 days
Wood Cone Speakers	5	5
All Other Categories	1	1

JVCKENWOOD CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, L5T 1S8 Canada
TEL: (905) 670-3381 FAX: (905) 670-7244 Service toll free #: 1-800-964-2650
http://www.jvc.ca E-mail: service@jvc.ca

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 <http://www.jvc.ca/www/Support/Warranty.aspx>

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: _____

GARANTIE

La garantie s'applique seulement aux PRODUITS distribués au Canada par JVCKENWOOD CANADA INC.

JVCKENWOOD 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 dégage, 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 hautparleur, cônes de hautparleur, 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.
- Tout produit JVC dont le numéro de série a été altéré, modifié ou enlevé.
- L'entretien, les vérifications périodiques et nettoyage.
- La conversion à une fréquence ou une tension étrangère ou domestique.
- Tout produit JVC n'ayant pas le signe d'identification qui conforme aux normes électriques Canadiennes (CSA).
- 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'oeuvre ... 90 Jours
- Tout produit JVC ayant été revendu et qui n'est plus la propriété de l'acheteur original.
- Produit acheté à "l'extérieur du Canada", provenant d'une "faillite" ou d'un "liquidateur".
- Tout dommage causé par le feu, une inondation, un éclair, une surtension ou tout autre événement hors du contrôle de JVC.

(m) POUR LES PRODUITS D'AUTOMOBILE

La garantie ne couvre pas l'élimination d'interférences statiques ou électriques de la voiture, le nettoyage de tête, les ajustements et les coûts de main d'œuvre associés à l'enlèvement ou à la réinstallation de l'unité pour réparation.

3. Critères:

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

4. Exclusion de toutes autres garanties expresses:

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

5. Dénégation des dommages indirects:

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

CONDITIONS DE GARANTIE (VALABLE À PARTIR DE LA DATE D'ACHAT)

Produit	Pièces (Années)	Main-D'oeuvre (Années)
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
* 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.		
Récepteurs et Hauts-Parleurs achetés séparément, Projecteur Avant et Audio d'Auto de Série "ARSENAL"	2	2
Adaptateurs AC, Télécommande, Casque D'écoute, Microphones et Lampe de Projecteur	90 Jours	90 Jours
Enceinte à Cône en Bois	5	5
Toutes les autres catégories	1	1

JVCKENWOOD CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, L5T 1S8 Canada
TEL: (905) 670-3381 FAX: (905) 670-7244 Service toll free #: 1-800-964-2650
http://www.jvc.ca E-mail: service@jvc.ca

Enregistrement du produit

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>

Pour l'utilisation des clients:

Entrez ci-dessous le numéro de modèle et le numéro de série qui se trouve soit à l'arrière, en bas ou sur le côté de l'armoire. Conservez ces informations pour référence future.

No. de modèle: _____ No. de série: _____
Date d'achat: _____ Nom du revendeur: _____