ENGLISH
ESPAÑOL
NEDERLANDS
PORTUGUÊS

KD-X472DBT / KD-X272DBT / KD-X172DB

DIGITAL MEDIA RECEIVER
INSTRUCTION MANUAL

RECEPTOR DE MEDIOS DIGITALES
MANUAL DE INSTRUCCIONES

DIGITALE MEDIAONTVANGER
GEBRUIKSAANWIJZING

RECEPTOR MÉDIA DIGITAL
MANUAL DE INSTRUÇÕES

JVCKENWOOD Corporation

alexa built-in

dab+

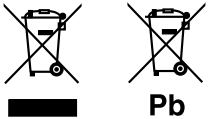
Made for iPhone | iPod

K2 TECHNOLOGY

Bluetooth®

Spotify®

B5A-3109-00 [E]



Information on Disposal of Old Electrical and Electronic Equipment and Batteries (applicable for countries that have adopted separate waste collection systems)

Products and batteries with the symbol (crossed-out wheeled bin) cannot be disposed as household waste. Old electrical and electronic equipment and batteries should be recycled at a facility capable of handling these items and their waste byproducts.

Contact your local authority for details in locating a recycle facility nearest to you. Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.

Notice: The sign "Pb" below the symbol for batteries indicates that this battery contains lead.

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

Los productos y las baterías con el símbolo de un contenedor con ruedas tachado no podrán ser desechados como residuos domésticos.

Los equipos eléctricos, electrónicos y baterías 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.

Nota: El símbolo "Pb" debajo del (contenedor con ruedas tachado) en baterías indica que dicha batería contiene plomo.

Informatie over het weggooien van elektrische en elektronische apparatuur en batterijen (particulieren)

Dit symbool geeft aan dat gebruikte elektrische, elektronische producten en batterijen niet bij het normale huishoudelijke afval mogen.

Lever deze producten in bij de aangewezen inzamelingspunten, waar ze gratis worden geaccepteerd en op de juiste manier worden verwerkt, teruggewonnen en hergebruikt.

Voor inleveradressen zie www.nvmp.nl, www.ictmilieu.nl, www.stibat.nl. Wanneer u dit product op de juiste manier als afval inlevert, spaart u waardevolle hulpbronnen en voorkomt u potentiële negatieve gevolgen voor de volksgezondheid en het milieu, die anders kunnen ontstaan door een onjuiste verwerking van afval.

Opgelet: Het teken "Pb" onder het teken van de batterijen geeft aan dat deze batterij lood bevat.

Informação sobre a forma de deitar fora Velho Equipamento Eléctrico, Electrónico e baterias (aplicável nos países que adotaram sistemas de recolha de lixos separados)

Produtos e baterias com o símbolo (caixote do lixo com um X) não podem ser deitados fora junto com o lixo doméstico.

Equipamentos velhos eléctricos, electrónicos e baterias deverão ser reciclados num local capaz de o fazer bem assim como os seus subprodutos.

Contacte as autoridades locais para se informar de um local de reciclagem próximo de si. Reciclagem e tratamento de lixo correctos ajudam a poupar recursos e previnem efeitos prejudiciais na nossa saúde e no ambiente.

Note: o símbolo "Pb" abaixo do símbolo em baterias indica que esta bateria contém chumbo.

For Israel

מידע בדבר השלכה לאשפה של ציוד חשמלי ואלקטרוני ישן וכן סוללות (רלוונטי למדינות שמשתמשות במערכת איסוף אשפה מופרדת).

לא ניתן להשליך מוצרים וסוללות עם הסימון (פח אשפה עם X עליו) כאשפה ביתית רגילה. יש למחזר ציוד חשמלי ואלקטרוני ישן וכן סוללות במתקן המסוגל לטפל בפריטים כאלה ובתוצרי הלוואי שלהם.
צרו קשר עם הרשות המקומית לקבלת פרטים אודות מתקן המיחזור הקרוב אליכם. מיחזור והשלכה לאשפה נאותים יעזרו לשמר משאבים ולמנוע השפעות שליליות על בריאותנו ועל הסביבה.
שימו לב: הסימון Pb שמתחת לסימון עבור סוללות מציין שהסוללה מכילה עופרת.

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CE

Declaration of Conformity with regard to the RE Directive 2014/53/EU
Declaration of Conformity with regard to the RoHS Directive 2011/65/EU
Manufacturer:
JVCKENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, JAPAN
EU Representative:
JVCKENWOOD Europe B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, THE NETHERLANDS

Declaración de conformidad con respecto a la Directiva RE 2014/53/EU
Declaración de conformidad con respecto a la Directiva RoHS 2011/65/EU
Fabricante:
JVCKENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, JAPAN
Representante en la UE:
JVCKENWOOD Europe B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, THE NETHERLANDS

Conformiteitsverklaring met betrekking tot de RE-richtlijn van de Europese Unie (2014/53/EU)
Conformiteitsverklaring met betrekking tot de RoHS richtlijn van de Europese Unie (2011/65/EU)
Fabrikant:
JVCKENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, JAPAN
EU-vertegenwoordiger:
JVCKENWOOD Europe B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, THE NETHERLANDS

Declaração de conformidade relativa à Directiva RE 2014/53/EU
Declaração de conformidade relativa à Directiva RoHS 2011/65/EU
Fabricante:
JVCKENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, JAPAN
Representante na UE:
JVCKENWOOD Europe B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, THE NETHERLANDS

English
Hereby, JVCKENWOOD declares that the radio equipment "KD-X472DBT/KD-X272DBT/KD-X172DB" is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
http://www.jvc.net/cs/car/eudoc/

Français
Par la présente, JVCKENWOOD déclare que l'équipement radio « KD-X472DBT/KD-X272DBT/KD-X172DB » est conforme à la directive 2014/53/UE.
L'intégralité de la déclaration de conformité UE est disponible à l'adresse Internet suivante :
http://www.jvc.net/cs/car/eudoc/

Deutsch
Hiermit erklärt JVCKENWOOD, dass das Funkgerät "KD-X472DBT/KD-X272DBT/KD-X172DB" der Richtlinie 2014/53/EU entspricht.
Der volle Text der EU-Konformitätserklärung steht unter der folgenden Internetadresse zur Verfügung:
http://www.jvc.net/cs/car/eudoc/

Nederlands
Hierbij verklaart JVCKENWOOD dat de radioapparatuur "KD-X472DBT/KD-X272DBT/KD-X172DB" in overeenstemming is met Richtlijn 2014/53/EU.
De volledige tekst van de EU-verklaring van overeenstemming is te vinden op het volgende internetadres:
http://www.jvc.net/cs/car/eudoc/

Italiano
Con la presente, JVCKENWOOD dichiara che l´apparecchio radio "KD-X472DBT/KD-X272DBT/KD-X172DB" è conforme alla Direttiva 2014/53/UE.
Il testo integrale della dichiarazione di conformità UE è disponibile al seguente indirizzo internet:
http://www.jvc.net/cs/car/eudoc/

Español
Por la presente, JVCKENWOOD declara que el equipo de radio "KD-X472DBT/KD-X272DBT/KD-X172DB" cumple la Directiva 2014/53/EU.
El texto completo de la declaración de conformidad con la UE está disponible en la siguiente dirección de internet:
http://www.jvc.net/cs/car/eudoc/

Português
Deste modo, a JVCKENWOOD declara que o equipamento de rádio "KD-X472DBT/KD-X272DBT/KD-X172DB" está em conformidade com a Diretiva 2014/53/UE.
O texto integral da declaração de conformidade da UE está disponível no seguinte endereço de internet:
http://www.jvc.net/cs/car/eudoc/

Polska
Niniejszym, JVCKENWOOD deklaruje, że sprzęt radiowy "KD-X472DBT/KD-X272DBT/KD-X172DB" jest zgodny z dyrektywą 2014/53/UE.
Pełny tekst deklaracji zgodności EU jest dostępny pod adresem:
http://www.jvc.net/cs/car/eudoc/

Český
Společnost JVCKENWOOD tímto prohlašuje, že rádiové zařízení "KD-X472DBT/KD-X272DBT/KD-X172DB" splňuje podmínky směrnice 2014/53/EU.
Plný text EU prohlášení o shodě je dostupný na následující internetové adrese:
http://www.jvc.net/cs/car/eudoc/

Magyar
JVCKENWOOD ezennel kijelenti, hogy a „KD-X472DBT/KD-X272DBT/KD-X172DB" rádióberendezés megfelel a 2014/53/EU irányelvnek.
Az EU konformitási nyilatkozat teljes szövege az alábbi weboldalon érhető el:
http://www.jvc.net/cs/car/eudoc/

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Svenska
Härmed försäkrar JVCKENWOOD att radioutrustningen "KD-X472DBT/KD-X272DBT/KD-X172DB" är i enlighet med direktiv 2014/53/EU.
Den fullständiga texten av EU-försäkran om överensstämmelse finns på följande Internetadress :
http://www.jvc.net/cs/car/eudoc/

Suomi
JVCKENWOOD julistaa täten, että radiolaite "KD-X472DBT/KD-X272DBT/KD-X172DB" on direktiivin 2014/53/EU mukainen.
EU-vaatimustenmukaisuusvakuutusvaatimus löytyy kokonaisuudessaan seuraavasta internet-osoitteesta:
http://www.jvc.net/cs/car/eudoc/

Slovensko
S tem JVCKENWOOD izjavlja, da je radijska oprema »KD-X472DBT/KD-X272DBT/KD-X172DB« v skladu z Direktivo 2014/53/EU.
Celotno besedilo direktive EU o skladnosti je dostopno na tem spletnem naslovu:
http://www.jvc.net/cs/car/eudoc/

Slovensky
Spoločnosť JVCKENWOOD týmto vyhlasuje, že rádiové zariadenie „KD-X472DBT/KD-X272DBT/KD-X172DB" vyhovuje smernici 2014/53/EÚ.
Celý text EÚ vyhlásenia o zhode nájdete na nasledovnej internetovej adrese:
http://www.jvc.net/cs/car/eudoc/

Dansk
Herved erklærer JVCKENWOOD, at radioudstyret "KD-X472DBT/KD-X272DBT/KD-X172DB" er i overensstemmelse med Direktiv 2014/53/EU.
EU-overensstemmelseserklæringens fulde ordlyd er tilgængelig på følgende internetadresse:
http://www.jvc.net/cs/car/eudoc/

Ελληνικά
Με το παρόν, η JVCKENWOOD δηλώνει ότι ο ραδιοεξοπλισμός «KD-X472DBT/KD-X272DBT/KD-X172DB» συμμορφώνεται με την Οδηγία 2014/53/ΕΕ.
Το πλήρες κείμενο της δήλωσης συμμόρφωσης της ΕΕ είναι διαθέσιμο στην ακόλουθη διεύθυνση στο διαδίκτυο:
http://www.jvc.net/cs/car/eudoc/

Eesti
Käesolevaga JVCKENWOOD kinnitab, et „KD-X472DBT/KD-X272DBT/KD-X172DB" raadiovarustus on vastavuses direktiiviga 2014/53/EL.
ELi vastavusdeklaratsiooni terviktekst on kättesaadav järgmisel internetiaadressil:
http://www.jvc.net/cs/car/eudoc/

Latviešu
JVCKENWOOD ar šo deklarē, ka radio aparatūra „KD-X472DBT/KD-X272DBT/KD-X172DB" atbilst direktīvas 2014/53/ES prasībām.
Pilns ES atbilstības deklarācijas teksts ir pieejams šādā tīmekļa adresē:
http://www.jvc.net/cs/car/eudoc/

Lietuviškai
Šiuo JVCKENWOOD pažymi, kad radijo įranga „KD-X472DBT/KD-X272DBT/KD-X172DB" atitinka 2014/53/ES direktyvos reikalavimus.
Visą ES direktyvos atitikties deklaracijos tekstą galite rasti šiuo internetiniu adresu:
http://www.jvc.net/cs/car/eudoc/

Malti
B'dan, JVCKENWOOD jiddikjara li t-tagħmir tar-radju "KD-X472DBT/KD-X272DBT/KD-X172DB" huwa konformi mad-Direttiva 2014/53/UE.
It-test kollu tad-dikjarazzjoni ta' konformità huwa disponibbli fl-indirizz intranet li ġej:
http://www.jvc.net/cs/car/eudoc/

HRVATSKI / SRPSKI JEZIK
JVCKENWOOD ovim izjavljuje da je radio oprema "KD-X472DBT/KD-X272DBT/KD-X172DB" u skladu s Direktivom 2014/53/EU.
Cjeloviti tekst deklaracije Europske unije o usklađenosti dostupan je na sljedećoj internet adresi:
http://www.jvc.net/cs/car/eudoc/

ROMÂNĂ
Prin prezenta, JVCKENWOOD declară că echipamentul radio "KD-X472DBT/KD-X272DBT/KD-X172DB" este în conformitate cu Directiva 2014/53/UE.
Textul integral al declarației de conformitate UE este disponibil la urmatoarea adresă de internet:
http://www.jvc.net/cs/car/eudoc/

БЪЛГАРСКИ
С настоящото JVCKENWOOD декларира, че радиооборудването на "KD-X472DBT/KD-X272DBT/KD-X172DB" е в съответствие с Директива 2014/53/ЕС.
Пълният текст на ЕС декларацията за съответствие е достъпен на следния интернет адрес:
http://www.jvc.net/cs/car/eudoc/

Turkish
Burada, JVCKENWOOD "KD-X472DBT/KD-X272DBT/KD-X172DB" radyo ekipmanının 2014/53/AB Direktifine uygun olduğunu bildirir.
AB uyumluluk deklarasyonunun tam metni aşağıdaki internet adresinde mevcuttur.
http://www.jvc.net/cs/car/eudoc/

Русский
JVCKENWOOD настоящим заявляет, что радиооборудование «KD-X472DBT/KD-X272DBT/KD-X172DB» соответствует Директиве 2014/53/EU.
Полный текст декларации соответствия ЕС доступен по следующему адресу в сети Интернет:
http://www.jvc.net/cs/car/eudoc/

Українська
Таким чином, компанія JVCKENWOOD заявляє, що радіообладнання «KD-X472DBT/KD-X272DBT/KD-X172DB» відповідає Директиві 2014/53/EU.
Повний текст декларації про відповідність ЄС можна знайти в Інтернеті за такою адресою:
http://www.jvc.net/cs/car/eudoc/

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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.

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Article 9 Destruction of the Licensed Software

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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.

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sha2
AUTHOR: Aaron D. Gifford - http://www.aarongifford.com/

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JS_JVC_KD_X472DBT_E_C.indd vi
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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.

⚠ 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.

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-X472DBT.
- 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.

JS_JVC_KD_X472DBT_E_EN_int1.indd 3
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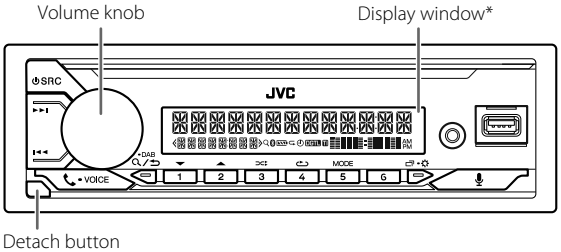
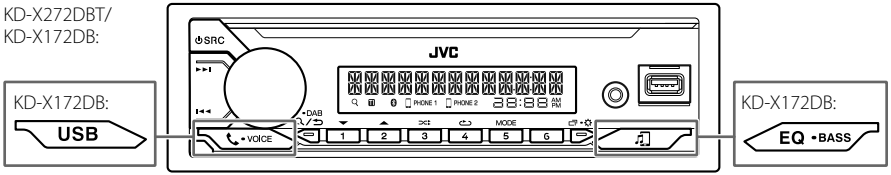
Basics

Faceplate

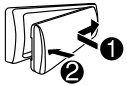
KD-X472DBT:



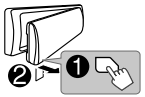
KD-X272DBT/
KD-X172DB:



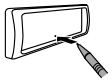
Attach



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 33, 34)

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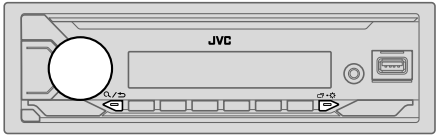
Getting Started



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".
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 26) [ON]: Activates the keypress tone. ; [OFF]: Deactivates.
[SOURCE SELECT]	
[AM SRC]*1	[ON]: Enables AM in source selection. ; [OFF]: Disables. (Page 9)
[SPOTIFY SRC]*1	(For KD-X472DBT/KD-X272DBT) [ON]: Enables SPOTIFY/SPOTIFY BT in source selection. ; [OFF]: Disables. (Page 13)
[BT AUDIO SRC]*1	(For KD-X472DBT/KD-X272DBT) [ON]: Enables BT AUDIO in source selection. ; [OFF]: Disables. (Page 21)
[BUILT-IN AUX]*1	[ON]: Enables AUX in source selection. ; [OFF]: Disables. (Page 12)

*1 Not displayed when the corresponding source is selected.

JS_JVC_KD_X472DBT_E_EN_1.indd 5
Data Size: B6L (182 mm x 128 mm)
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Getting Started

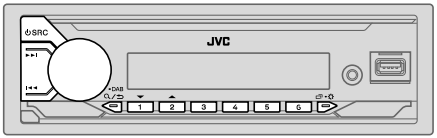
[F/W UPDATE]	
[UPDATE SYSTEM]/[UPDATE DAB]	
[F/W UP xxxx]/ [F/W UP xxxxx]	[YES]: Starts upgrading the firmware. ; [NO]: Cancels (upgrading is not activated). For details on how to update the firmware, visit <http://www.jvc.net/cs/car/>.
[FACTORY RESET]	[YES]: Resets the settings to default (except the stored station). ; [NO]: Cancels.
[CLOCK]	
[TIME SYNC]	[ON]: The clock time is automatically set using the Clock Time (CT) data in DAB signal. ; [OFF]: Cancels.
[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.
[РУССКИЙ]	
[ESPANOL]	
[FRANCAIS]	
[DEUTSCH]*2	
[DEMO MODE]	[ON]: Activates the display demonstration automatically if no operation is done for about 15 seconds. ; [OFF]: Deactivates.

*2 Only for KD-X472DBT.

Digital Radio

About DAB (Digital Audio Broadcasting)

DAB is one of the digital radio broadcasting systems available today. It can deliver digital quality sound without any annoying interference or signal distortion. Furthermore, it can carry text, pictures and data.
In contrast to FM broadcast, where each program is transmitted on its own frequency, DAB combines several programs (called "services") to form one "ensemble".
The "primary component" (main radio station) is sometimes accompanied by a "secondary component" which can contain extra programs or other information.



- For KD-X472DBT, "DGTL" indicator lights up when receiving DAB digital signal and flashes when receiving a RDS signal.
- The unit switches to DAB alarm automatically when receiving an alarm signal from DAB broadcast.

Preparation:

1. Connect a DAB antenna (commercially available) to the DAB antenna jack. (Page 39)
2. Press ⏻SRC repeatedly to select DAB.
3. Press and hold 🔍/⮌ DAB to start the Service List update.
   "DAB SORTING" appears and update starts.
   Updates take up to 3 minutes. No interruption (such as traffic information) is possible during updates.

To cancel the Service List update: Press and hold 🔍/⮌ DAB again.

JS_JVC_KD_X472DBT_E_EN_1.indd 6
Data Size: B6L (182 mm x 128 mm)
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Digital Radio

Search for an ensemble

1 Press ⏻SRC repeatedly to select DAB.
2 Press ⏮ / ⏭ to search for an ensemble automatically.
(or)
Press and hold ⏮ / ⏭ until "M" flashes, then press repeatedly to search for an ensemble manually.
3 Press ⏮ / ⏭ to select a service (either primary or secondary) to listen to.

Settings in memory

You can store up to 18 services.

Store a service

While listening to a service...
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 service is stored.

Select a stored service

Press one of the number buttons (1 to 6).
(or)
1 Press 🔍/⮌ DAB to enter DAB search select mode.
2 Turn the volume knob to select [PRST] (preset service), then press the knob.
3 Turn the volume knob to select a preset number, then press the knob.

To cancel, press and hold 🔍/⮌ DAB.

Select a service

1 Press 🔍/⮌ DAB to enter DAB service select mode.
2 Turn the volume knob to select [SRVC] (service list), then press the knob.
3 Turn the volume knob to select a service, then press the knob.

To cancel, press and hold 🔍/⮌ DAB.

Select a service by name

1 Press 🔍/⮌ DAB to enter DAB service select mode.
2 Turn the volume knob to select [SRVC] (service list), then press the knob.
3 Press 2▲ / 1▼ to select the character to be searched for.
4 Turn the volume knob to select a service, then press the knob.

To cancel, press and hold 🔍/⮌ DAB.

Other settings

1 Press and hold ⧉·☼.
2 Turn the volume knob to select an item (page 8), 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 🔍/⮌.

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Default: [XX]

[TUNER SETTING]	
[RADIO TIMER]	(For KD-X472DBT) 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]/[DAB]: Select the source. **3** [01] to [18] (for FM)/[01] to [06] (for AM)/[01] to [18] (for DAB): Select the preset station. **4** Set the activation day*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 5)
[AF SET]	[ON]: While listening to DAB... Automatically switch to FM broadcasting the same program if the DAB signal becomes weak. It will switch back to DAB sound when the signal becomes strong again. While listening to FM... Automatically switch to DAB source broadcasting the same program (if available). ; [OFF]: Cancels.
[TI]	[ON]: Allows the unit to temporarily switch to Traffic Information if available ("TI" indicator lights up). ; [OFF]: Cancels.

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

[PTY SEARCH]	Select a PTY code (see the following "PTY code or Program type"). If there is a station broadcasting a program of the same PTY code as you have selected, that station is tuned in.
[DAB ANNOUCMNT]	[TRAVEL]/[WARNINGS]/[NEWS]/[WEATHER]/[EVENT]/[SPECIAL]/[RAD INFO]/[SPORTS]/[FINANCE]: Turn the volume knob to make a selection, then press the knob. "⁎" appears in front of the activated announcement type. Automatically switch from any source to Digital Radio ensembles broadcasting an activated announcement type. • Multiple announcement can be activated simultaneously. • To deactivate, press the volume knob again ("⁎" goes off).
[LIST UPDATE]	[UPDATE AUTO]: Automatically update the DAB Service List when the power is turned on. ; [UPDATE MANUAL]: Updates the DAB Service List by pressing and holding 🔍/⮌ DAB.
[PTY WATCH]	The unit automatically switch from any source to Digital Radio ensembles broadcasting the selected type of program. (See the following "PTY code or Program type".) [OFF]: Cancels.
[DAB ANT POWER]	[ON]: Supplies power to the DAB antenna. ; [OFF]: Does not supply power. Selects when using passive antenna without booster.
[RELATED SERV]	[ON]: Enable Soft-Link function to switch to an alternative service which is different audio program from the current audio program. ; [OFF]: Disable.

PTY code or Program type

[NEWS], [AFFAIRS], [INFO], [SPORT], [EDUCATE], [DRAMA], [CULTURE], [SCIENCE], [VARIED], [POP M] (music), [ROCK M] (music), [EASY M] (music), [LIGHT M] (music), [CLASSICS], [OTHER M] (music), [WEATHER], [FINANCE], [CHILDREN], [SOCIAL], [RELIGION], [PHONE IN], [TRAVEL], [LEISURE], [JAZZ], [COUNTRY], [NATION M] (music), [OLDIES], [FOLK M] (music), [DOCUMENT]

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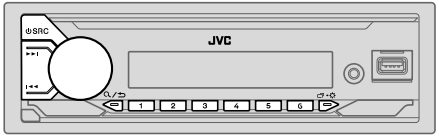
Analog Radio



- The unit switches to FM alarm automatically when receiving an alarm signal from FM broadcast.

Search for a station

1 Press ⏻SRC repeatedly to select FM or AM.
2 Press ⏮ / ⏭ to search for a station automatically.
(or)
Press and hold ⏮ / ⏭ 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 🔍/⮌.
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 🔍/⮌.

Default: [XX]

[TUNER SETTING]	
[RADIO TIMER]	(For KD-X472DBT) See page 8.
[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.
[LOCAL SEEK]	[ON]: Searches only FM stations with good reception. ; [OFF]: Cancels. • Settings made are applicable only to the selected source/station. Once you change the source/station, you need to make the settings again.
[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.

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Data Size: B6L (182 mm x 128 mm)
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Analog Radio

[MONO SET]	[ON]: Improves the FM reception, but the stereo effect will be lost. ; [OFF]: Cancels.
[NEWS SET]*	[ON]: The unit will temporarily switch to News Programme if available. ; [OFF]: Cancels.
[REGIONAL]*	[ON]: Switches to another station only in the specific region using the "AF" control. ; [OFF]: Cancels.
[AF SET]*	[ON]: Automatically searches for another station broadcasting the same program in the same Radio Data System network with better reception when the current reception is poor. ; [OFF]: Cancels.
[TI]*	[ON]: Allows the unit to temporarily switch to Traffic Information if available ("TI" indicator lights up). ; [OFF]: Cancels. • [TI] in AM band is for enabling traffic interruption to DAB source only.
[PTY SEARCH]*	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.

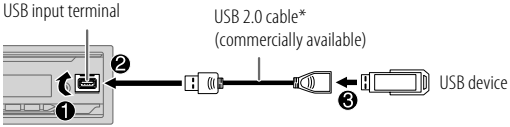
* Selectable only when in FM source.

PTY code

[NEWS], [AFFAIRS], [INFO], [SPORT], [EDUCATE], [DRAMA], [CULTURE], [SCIENCE], [VARIED], [POP M] (music), [ROCK M] (music), [EASY M] (music), [LIGHT M] (music), [CLASSICS], [OTHER M] (music), [WEATHER], [FINANCE], [CHILDREN], [SOCIAL], [RELIGION], [PHONE IN], [TRAVEL], [LEISURE], [JAZZ], [COUNTRY], [NATION M] (music), [OLDIES], [FOLK M] (music), [DOCUMENT]

USB/iPod

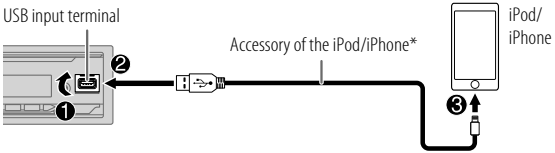
Connect a USB device



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-X472DBT)



The source changes to iPod USB automatically and playback starts.
• You can also connect iPod/iPhone via Bluetooth. (Page 16)

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

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Data Size: B6L (182 mm x 128 mm)
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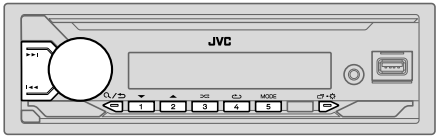
USB/iPod

Basic operations



Selectable source:

- KD-X472DBT: USB/iPod USB or iPod BT
- KD-X272DBT/KD-X172DB: USB
  (For KD-X172DB, press USB to directly select USB source.)

To	On the faceplate
Reverse/Fast-forward	Press and hold ⏮ / ⏭.
Select a file	Press ⏮ / ⏭.
Select a folder*1	Press 2▲ / 1▼.
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.

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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. (Page 11)

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/⮌.

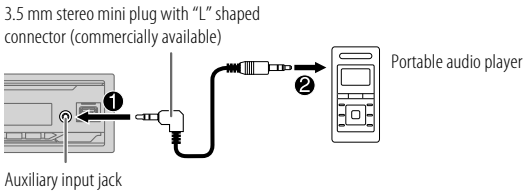
AUX

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 5)

Start listening

1 Connect a portable audio player (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.

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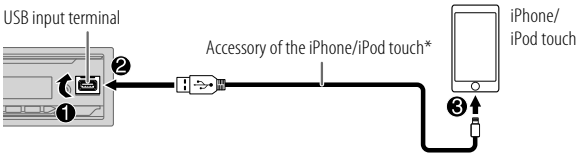
Spotify (for KD-X472DBT/KD-X272DBT)

You can listen to Spotify on the following device.
KD-X472DBT: iPhone/iPod touch (via Bluetooth or via USB input terminal) or Android device (via Bluetooth)
KD-X272DBT: 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 5)

Start listening

1 Start up the Spotify application on your device.
2 Connect your device to the USB input terminal.
KD-X472DBT:



You can also connect the iPhone/iPod touch or Android device via Bluetooth. (Page 16)
- 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.

To	On the faceplate
Play back/pause	Press the volume knob.
Skip a track	Press ⏮*1 / ⏭.
Select thumbs up or thumbs down*2	Press 2▲ / 1▼.
Start radio	Press and hold 5.
Repeat play*3	Press 4 repeatedly. **[ALL REPEAT]**, **[ONE REPEAT]***1, **[REPEAT OFF]**
Random play*3	Press 3 repeatedly*1. **[ALL RANDOM]**, **[RANDOM OFF]**

*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.

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Spotify (for KD-X472DBT/KD-X272DBT)

Search for a song or station

1 Press Q/⮌.
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 Q/⮌.

Using Other Applications (for KD-X472DBT/KD-X272DBT)

JVC Remote application

You can control the JVC car receiver from the following device using JVC Remote application.
KD-X472DBT: iPhone/iPod touch (via Bluetooth or via USB input terminal) or Android device (via Bluetooth)
KD-X272DBT: 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 16)
- 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 16)
(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-X472DBT: By default, [ANDROID] is selected. To use iPhone/iPod touch, select [YES] for [IOS]. (Page 15)

Settings to use JVC Remote application

1 Press and hold ⊡·☼.
2 Turn the volume knob to select an item (page 15), then press the knob.

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Using Other Applications (for KD-X472DBT/KD-X272DBT)

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-X472DBT) 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. • The connectivity of the application will be interrupted or disconnected if: – 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. • For KD-X472DBT: 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® (for KD-X472DBT/KD-X272DBT)

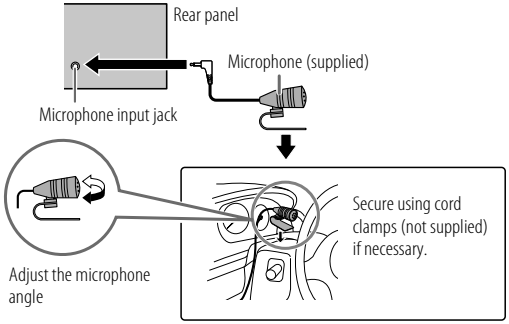
- Depending on the Bluetooth version, operating system and the firmware version of your mobile phone, Bluetooth features may not work with this unit.
- Be sure to turn on the Bluetooth function of the device to make the following operations.
- Signal conditions vary depending on the surroundings.

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



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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-X472DBT"/ "KD-X272DBT") 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 19)
   - 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-X472DBT: "" indicator lights up to show the strength of the battery of the connected device.
  See also **[FORMAT]** on page 31 for the battery and signal strength shown on the display.
- KD-X272DBT: "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 19.
- 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 19)
  However, while in BT AUDIO source, you can connect to five Bluetooth audio devices and switch between these five devices. (Page 21)
- 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.

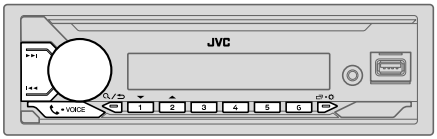
Auto Pairing (for KD-X472DBT)

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 20)

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

JS_JVC_KD_X472DBT_E_EN_int1.indd 16 Data Size: B6L (182 mm x 128 mm) Book Size: B6L (182 mm x 128 mm) 9/4/2019 2:57:51 PM

Bluetooth — Mobile phone



Receive a call

When there is an incoming call:
- KD-X472DBT: The buttons will blink in the color you have selected in **[RING COLOR]**. (Page 18)
- KD-X272DBT: The buttons will blink in the blinking pattern you have selected in **[RING ILLUMI]**. (Page 18)
- The unit answers the call automatically if **[AUTO ANSWER]** is set to a selected time. (Page 18)

During a call:
- KD-X472DBT: The buttons stop blinking and illuminate in the color you have selected in **[RING COLOR]**. (Page 18)
- KD-X272DBT: 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
First incoming call...	
Answer a call	Press VOICE or the volume knob.
Reject a call	Press and hold VOICE or the volume knob.
End a call	Press and hold VOICE or the volume knob.
While talking on the first incoming call...	
Answer another incoming call and hold the current call	Press VOICE or the volume knob.
Reject another incoming call	Press and hold VOICE or the volume knob.
While having two active calls...	
End current call and activate held call	Press and hold VOICE or the volume knob.
Swap between the current call and held call	Press VOICE.
Adjust the phone volume*1 **[00]** to **[35]** (Default: **[15]**)	Turn the volume knob during a call.
Switch between hands-free and private talk modes*2	Press Q/⮌ during a call.

*1 This adjustment will not affect the volume of the other sources.
*2 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 (page 18), 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 Q/⮌.

JS_JVC_KD_X472DBT_E_EN_1.indd 17 Data Size: B6L (182 mm x 128 mm) Book Size: B6L (182 mm x 128 mm) 9/6/2019 9:23:06 AM

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 VOICE 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 Q/⮌.

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]	(For KD-X472DBT) [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]	(For KD-X272DBT) [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 VOICE to enter Bluetooth mode.
"(First device name)" appears.
- If two Bluetooth phones are connected, press VOICE again to switch to the other phone.
"(Second device name)" appears.

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.

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

[RECENT CALL]	(Applicable only if the phone supports PBAP.) 1 Press the volume knob to select a name or a phone number. • "<" indicates call received, ">" indicates call made, "M" indicates call missed. • "NO HISTORY" appears if there is no recorded call history or call number. 2 Press the volume knob to call.
[PHONEBOOK]	(Applicable only if the phone supports PBAP.) 1 Press 2▲ / 1▼ to select the desired letter (A to Z, 0 to 9, and OTHERS). • "OTHERS" appears if the first character is other than A to Z, 0 to 9. 2 Turn the volume knob to select a name, then press the knob. 3 Turn the volume knob to select a phone number, then press the knob to call. • 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 showns as "U".)

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[DIAL NUMBER]	**1** Turn the volume knob to select a number (0 to 9) or character (*, #, +). **2** Press ⏮ / ⏭ to move the entry position. Repeat step 1 and step 2 until you finish entering the phone number. **3** Press the volume knob to call.
[VOICE]	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".)

Make a call using voice recognition

1 Press and hold ✆·VOICE to activate the voice recognition of the connected phone.
2 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).

1 Press ✆·VOICE to enter Bluetooth mode.
2 Turn the volume knob to select [RECENT CALL], [PHONEBOOK] or [DIAL NUMBER], then press the knob.
3 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.
4 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

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

Bluetooth mode 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]

[BT MODE]	
[PHONE SELECT] [AUDIO SELECT]	Selects the phone or audio device to connect or disconnected. "*" appears in front of the device name when connected. " ▷ " 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.

JS_JVC_KD_X472DBT_E_EN_int1.indd 19 Data Size: B6L (182 mm x 128 mm) Book Size: B6L (182 mm x 128 mm) 9/4/2019 2:57:52 PM

[RECONNECT]	[ON]: The unit is automatically reconnect when the last connected Bluetooth device is within the connectable range. ; [OFF]: Cancels.
[AUTO PAIRING]	(For KD-X472DBT) [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-X472DBT"/ "KD-X272DBT"). ; [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 ✆•VOICE.
"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-X472DBT"/ "KD-X272DBT") 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.

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)

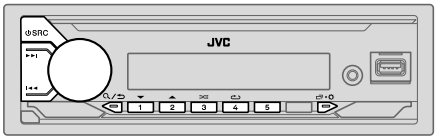
After 30 seconds, "PAIRING DELETED" appears to indicate that pairing has been deleted, and the unit exits check mode.

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

JS_JVC_KD_X472DBT_E_EN_int1.indd 20 Data Size: B6L (182 mm x 128 mm) Book Size: B6L (182 mm x 128 mm) 9/4/2019 2:57:52 PM

Bluetooth® (for KD-X472DBT/KD-X272DBT)

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.
- For KD-X272DBT: Pressing ♫ enters BT AUDIO directly.

2 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 ⏮ / ⏭.
Reverse/Fast-forward	Press and hold ⏮ / ⏭.
Repeat play	Press 4 repeatedly. [TRACK REPEAT], [ALL REPEAT], [GROUP REPEAT]*1, [REPEAT OFF]
Random play	Press 3 repeatedly. [GROUP RANDOM]*1, [ALL RANDOM], [RANDOM OFF]
Select a file from a folder/ list	Refer to "Select a file to play" on page 11.
Switch between connected Bluetooth audio devices	Press 5.*2

*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-X472DBT)

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.

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Data Size: B6L (182 mm x 128 mm)
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AMAZON ALEXA (for KD-X472DBT)

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>.
- Install the latest version of the Alexa mobile application on your device (iPhone/iPod touch or Android device), then log in to the application.
- 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 16)
2 Start up the Alexa mobile application on your device.
3 Pair this unit to Alexa mobile application.
Perform Option A or Option B.

For iPhone/iPod touch

1 Pair your device with this unit via Bluetooth. (Page 16)
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 Pair this unit to Alexa mobile application.
Perform Option A or Option B.

Option A: Direct Link
Access the following URL or scan the QR code with your smartphone:

http://www.jvc.net/car/alexa

Option B: Manual Pairing

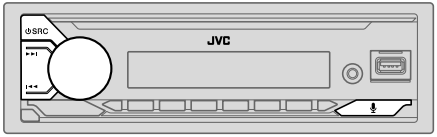
1 Start up the Alexa mobile application and go to the "Devices" tab.
2 Tap the " + " icon at the top right corner.
3 Tap "Add Device".
4 Tap "Automotive Accessory" or "Headphones" from the list of device types.
5 Tap the name of your receiver ("KD-X472DBT") and follow the instructions.

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.

JS_JVC_KD_X472DBT_E_EN_2.indd 22 Data Size: B6L (182 mm x 128 mm) Book Size: B6L (182 mm x 128 mm) 27/9/2019 4:17:42 PM

AMAZON ALEXA (for KD-X472DBT)



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 15)**
"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.
- 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 🎙 on the unit to activate Alexa.**
The display shows: "LISTENING...".

2 **Communicate with Alexa via the connected microphone. (Page 15)**

3 **During music playback in ALEXA source, you can perform the following operations:**

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

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

JS_JVC_KD_X472DBT_E_EN_int1.indd 23
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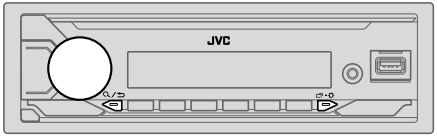
Audio Settings



Select a preset equalizer directly (for KD-X172DB)

Press **EQ-BASS** repeatedly.

(or)

Press **EQ-BASS**, then turn the volume knob within 5 seconds.

Preset equalizer:
[FLAT] (default)/[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.

Store your own sound settings (for KD-X172DB)

1 Press and hold **EQ-BASS** to enter [EASY EQ] setting.
2 Turn the volume knob to select an item, then press the knob.
Refer to [EASY EQ] (page 25) for setting and the result is stored to [USER].

- To return to the previous setting item, press 🔍/⮌.
- To exit, press **EQ-BASS**.

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 🔍/⮌.

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. • When the display demonstration is activated ([ON] is selected initially, page 6), [HARD ROCK] is automatically selected as the [PRESET EQ]. – If you set [DEMO MODE] to [OFF] (page 6), [FLAT] is selected as the default setting for [PRESET EQ].

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Audio Settings

[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])	
[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]**.	
[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.	
[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.)	
[Q FACTOR]	**[1.35]**/[1.50]/**[2.00]**: Adjust the quality factor.	
[AUDIO CONTROL]		
[BASS BOOST]	**[LEVEL +01]** to **[LEVEL +05]**: Selects your preferred bass boost level. ; [OFF]: Cancels.	
[LOUDNESS]	[LEVEL 01]/**[LEVEL 02]**: Boosts low or high frequencies to produce a well-balanced sound at low volume. ; **[OFF]**: Cancels.	
[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 39)
	[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 39)
[SUBWOOFER SET]*3	[ON]: Turns on the subwoofer output. ; **[OFF]**: Cancels.	
[FADER]	(Not applicable when 3-way crossover is selected.) **[POSITION R15]** to **[POSITION F15]** ([POSITION 00]): Adjusts the front and rear speaker output balance.	
[BALANCE]*4	**[POSITION L15]** to **[POSITION R15]** ([POSITION 00]): Adjusts the left and right speaker output balance.	
[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.)	
[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.	
[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 26.)	
[SPEAKER SIZE]	Depending on the crossover type you have selected (see **[X ' OVER TYPE]** on page 26), 2-way crossover or 3-way crossover setting items will be shown. (See "Crossover settings" on page 27.) By default, 2-way crossover type is selected.	
[X ' OVER]		

*1, *2, *3, *4: (see page 26)

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[DTA SETTINGS]	For settings, see "Digital Time Alignment settings" on page 29.
[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.
[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.
[SOUND EFFECT]	
[SPACE ENHANCE]	(Not applicable for FM/AM source and DAB 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, DAB 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 25)
*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]**)**

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 39)

KD-X472DBT:

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-X272DBT/KD-X172DB:

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

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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 39)

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 28)
– [POSITION R02] is selected in [FADER] and selectable range is [POSITION R15] to [POSITION 00]. (Page 25)

* Except for KD-X472DBT.

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 39)
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.

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2-way crossover setting items

[SPEAKER SIZE]		
[FRONT]	[SIZE]	[8CM]/[10CM]/[12CM]/[13CM]/[16CM]/[17CM]/[18CM]/[4×6]/[5×7]/[6×8]/[6×9]/[7×10]
	[TWEETER]	[SMALL]/[MIDDLE]/[LARGE]/[NONE] (not connected)
[REAR]*1		[8CM]/[10CM]/[12CM]/[13CM]/[16CM]/[17CM]/[18CM]/[4×6]/[5×7]/[6×8]/[6×9]/[7×10]/[NONE] (not connected)
[SUBWOOFER]*2*3		[16CM]/[20CM]/[25CM]/[30CM]/[38CM 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]		[8CM]/[10CM]/[12CM]/[13CM]/[16CM]/[17CM]/[18CM]/[4×6]/[5×7]/[6×8]/[6×9]
[WOOFER]*3		[16CM]/[20CM]/[25CM]/[30CM]/[38CM 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]

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[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 26)
*2 For KD-X272DBT/KD-X172DB: Displayed only when [SPK/PRE OUT] is set to [REAR/SUB.W] or [SUB.W/SUB.W]. (Page 26)
*3 Displayed only when [SUBWOOFER SET] is set to [ON]. (Page 25)

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 30.

[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 26)
[DISTANCE]*1	[0CM] to [610CM]: 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)].

*1, *2: (see page 30)

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Data Size: B6L (182 mm x 128 mm)
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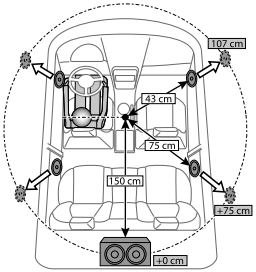
Audio Settings

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 28)

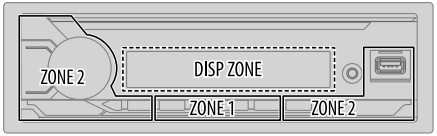
When 3-way crossover is selected:
[TWEETER LEFT]/**[TWEETER RIGHT]**/**[MID LEFT]**/**[MID RIGHT]**/**[WOOFER]**:
– **[WOOFER]** is selectable only if a setting other than **[NONE]** is selected for **[WOOFER]** of **[SPEAKER SIZE]**. (Page 28)

*2 Displayed only when **[X ' OVER TYPE]** is set to **[2-WAY]** (page 26) and if a setting other than **[NONE]** is selected for **[REAR]** of **[SPEAKER SIZE]**. (Page 28)

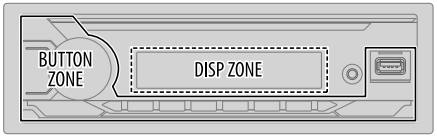
Display Settings

Zone identification for brightness settings

KD-X472DBT:

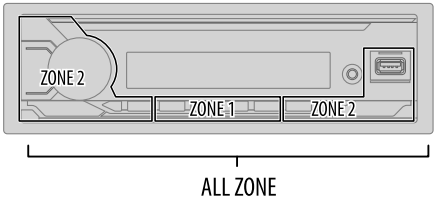


KD-X272DBT/KD-X172DB:



Zone identification for color settings

KD-X472DBT:



JS_JVC_KD_X472DBT_E_EN_int1.indd 30
Data Size: B6L (182 mm x 128 mm)
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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 Q/⮌.

Default: [XX]

[DISPLAY]	
[DIMMER]	Dims the illumination. [OFF]: Dimmer is turned off. Brightness changes to [DAY] setting. [ON]: Dimmer is turned on. Brightness changes to [NIGHT] setting. (See the following "[BRIGHTNESS]" settings.) [DIMMER TIME]: Set the time to turn on dimmer and to turn off dimmer. 1 Turn the volume knob to adjust the [ON] time, then press the knob. 2 Turn the volume knob to adjust the [OFF] time, then press the knob. (Default: [ON]: [18:00] ; [OFF]: [6:00]) [DIMMER AUTO]: Dimmer turns on and off automatically when you turn off or on the car headlights.*1
[BRIGHTNESS]	Sets the brightness for day and night separately. 1 [DAY]/[NIGHT]: Select day or night. 2 Select a zone. (See the illustration on page 30.) 3 [LEVEL 00] to [LEVEL 31]: Set the brightness level.
[TEXT SCROLL]*2	[SCROLL ONCE]: Scrolls the display information once. ; [SCROLL AUTO]: Repeats scrolling at 5-second intervals. ; [SCROLL OFF]: Cancels. • Not applicable to Dynamic Label display information (page 33, 34) while in DAB source.
[FORMAT]*3	(For KD-X472DBT) Information below is shown on the supplementary display when Bluetooth device is connected. (Page 33) [BATT/SIGNAL]: Shows the strength of the battery and signal. ; [DATE]: Shows the date.

[COLOR] (for KD-X472DBT)	
[PRESET]	Selects illumination colors for the buttons on different zones separately. 1 Select a zone ([ZONE 1], [ZONE 2], [ALL ZONE]). (See the illustration on page 30.) 2 Select a color for the selected zone. • [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.*4 (Selectable only when [ALL ZONE] is selected in step 1.)
[DAY COLOR]	Stores your own day and night illumination colors for different zones. 1 Select a zone ([ZONE 1], [ZONE 2]). (See the illustration on page 30.) 2 [RED]/[GREEN]/[BLUE]: Select a primary color. 3 [00] to [31]: Select the level.
[NIGHT COLOR]	Repeat step 2 and step 3 for all the primary colors. • 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]	[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.

*1 The illumination control wire connection is required. (Page 39)
*2 Some characters or symbols will not be shown correctly (or will be blank).
*3 Functionality depends on the type of phone used.
*4 If one of these color patterns is selected, the [ZONE 1] and [ZONE 2] illumination colors will change to the default colors.

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References

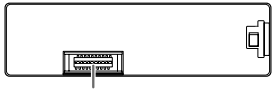
Maintenance

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-X472DBT: MP3 (.mp3), WMA (.wma), AAC (.aac), AAC (.m4a), WAV (.wav), FLAC (.flac)
  KD-X272DBT/KD-X172DB: 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 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>.

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.

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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-X472DBT:

*1 Date will be replaced with battery and signal strength of the connected Bluetooth device if **[FORMAT]** is set to **[BATT/SIGNAL]**. (Page 31)

Source name	Display information: Main (Supplementary)
DAB	Service Label (Ensemble Label) ➡ Service Label (Ensemble Label) with Music Synchronization Effect*2 ➡ Service Label (Date) ➡ Dynamic Label (Date) ➡ Title (Artist) ➡ Title (Date) ➡ Next Program (EPG) (Date) ➡ Signal Level (Date) ➡ back to the beginning
FM/AM	Frequency (Date) ➡ Frequency (Date) with Music Synchronization Effect*2 ➡ back to the beginning
	For FM Radio 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

Source name	Display information: Main (Supplementary)
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
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
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 31).

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References

KD-X272DBT/KD-X172DB:

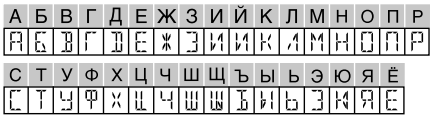
Source name	Display information: Main
DAB	Service Label ➡ Service Label with Music Synchronization Effect* ➡ Ensemble Label ➡ Dynamic Label ➡ Title/Artist ➡ Next Program (EPG) ➡ Signal Level ➡ Date ➡ back to the beginning
FM/AM	Frequency ➡ Frequency with Music Synchronization Effect* ➡ Date ➡ back to the beginning
	For FM Radio 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
SPOTIFY BT	(For KD-X272DBT) Context title ➡ Context title with Music Synchronization Effect* ➡ Song title ➡ Artist ➡ Album title ➡ Playing Time ➡ Date ➡ back to the beginning

Source name	Display information: Main
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.

Available Cyrillic letters

Available characters Display indications



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Troubleshooting

	Symptom	Remedy
General	Sound cannot be heard.	• 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 5)
	The unit does not work at all.	Reset the unit. (Page 4)
	Correct characters are not displayed.	• 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.
Digital Radio	DAB reception is poor.	Make sure **[ON]** is selected for **[DAB ANT POWER]**. (Page 8)
	"CHK ANTENNA"	Check the DAB antenna. If a passive antenna (without a booster) is used, set **[DAB ANT POWER]** to **[OFF]**. (Page 8)
	"RELATED SERV FOUND"	• Press the volume knob to activate Soft-Link. (Page 8) • Press 🔍/⮌ to cancel.
Analog Radio	• 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).

	Symptom	Remedy
USB/iPod	"NOT SUPPORT" appears and track skips.	Check whether the track is a playable format. (Page 32)
	"READING" keeps flashing.	• Do not use too many hierarchical levels and folders. • Reattach the device (USB/iPod/iPhone).
	"UNSUPPORTED DEVICE" appears.	• Check whether the connected USB device is compatible with this unit and ensure the file systems are in supported formats. (Page 32) • 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.
	• The source does not change to "USB" when you connect a USB device while listening to another source. • "USB ERROR" appears	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.
	The iPod/iPhone does not turn on or does not work.	• 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 🔍/⮌.	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.

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Troubleshooting

	Symptom	Remedy
Spotify	"DISCONNECTED"	USB is disconnected from the head unit. Please make sure the device is connected properly through USB.
	"CONNECTING"	• 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.
Bluetooth®	No Bluetooth device is detected.	• Search from the Bluetooth device again. • Reset the unit. (Page 4)
	Bluetooth pairing cannot be made.	• 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 16)
	Echo or noise is heard during a phone conversation.	• Adjust the microphone unit's position. (Page 15) • Check the **[ECHO CANCEL]** setting. (Page 18)
	Phone sound quality is poor.	• 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.	• 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.

	Symptom	Remedy
Bluetooth®	Sound is being interrupted or skipped during playback of a Bluetooth audio player.	• 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.	• 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.
	"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 19)

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Troubleshooting

	Symptom	Remedy
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 23)
	"DISCONNECTED"	Be sure to connect your smartphone to the unit via Bluetooth. (Page 16)
	Not able to connect or reconnect to Alexa mobile application.	• Be sure the audio device is connected via Bluetooth. Select the audio device from **[AUDIO SELECT]** in **[BT MODE]**. (Page 19) • Perform the one-time setup process again. See "Setup for the first time" on page 22. • 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 still have troubles, reset the unit. (Page 4)

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 25)
- Mount the unit at an angle of less than 30º.
- 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.

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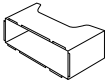
Installation/Connection

Part list for installation

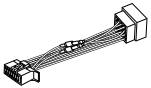
(A) Faceplate (×1)

(B) Trim plate (×1)

(C) Mounting sleeve (×1)



(D) Wiring harness (×1)

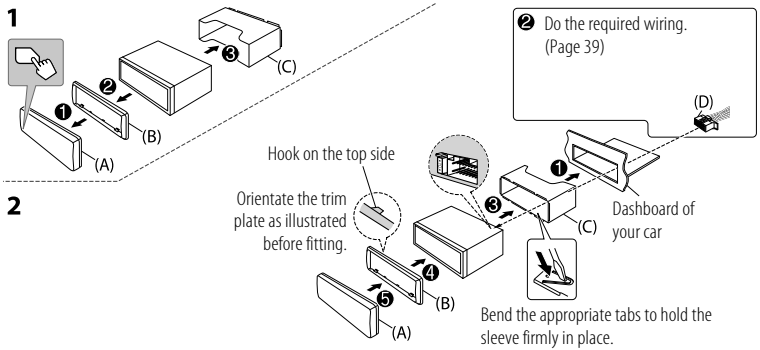


(E) Extraction key (×2)

Basic procedure

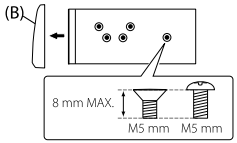
1 Remove the key from the ignition switch, then disconnect the ⊖ terminal of the car battery.
2 Connect the wires properly.
See "Wiring connection" on page 39.
3 Install the unit to your car.
See the following "Installing the unit (in-dash mounting)".
4 Connect the ⊖ terminal of the car battery.
5 Press ⏻SRC to turn on the power.
6 Detach the faceplate and reset the unit within 5 seconds. (Page 4)

Installing the unit (in-dash mounting)



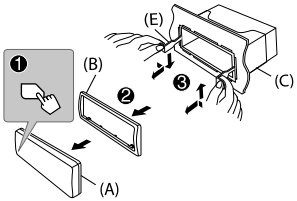
Installing the unit (without mounting sleeve)

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



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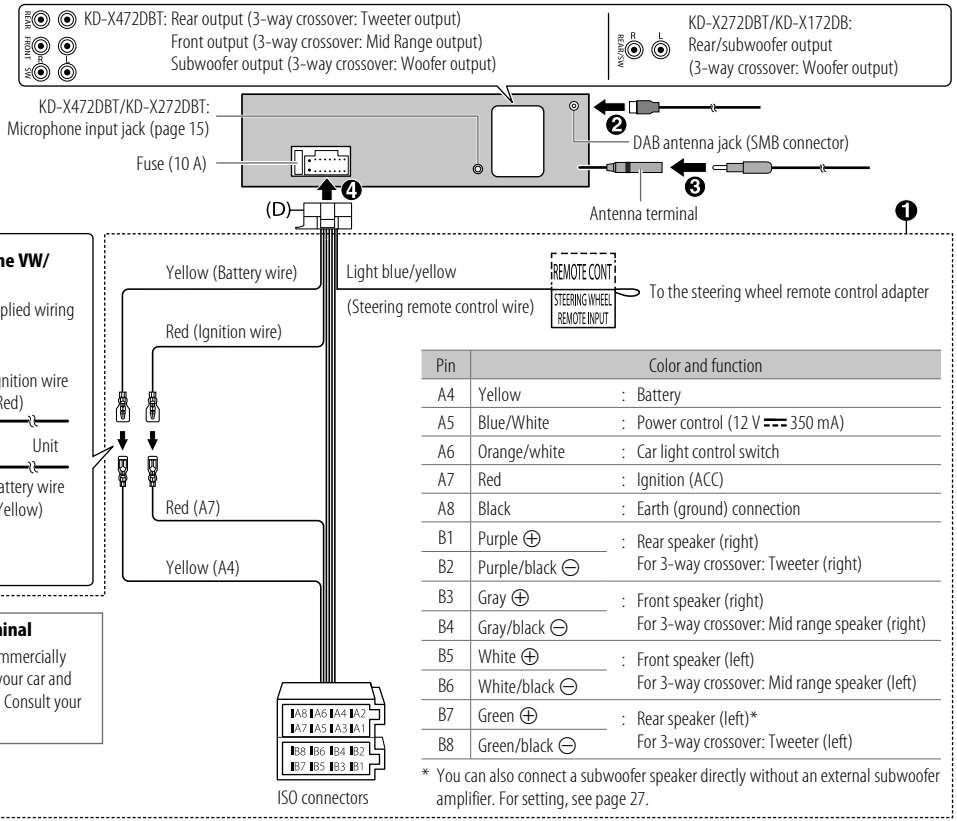
Installation/Connection

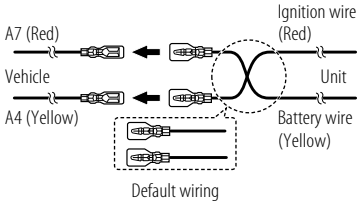
Wiring connection

When connecting to an external amplifier, connect its ground wire to the car's chassis to avoid damaging the unit.



Connecting the ISO connectors on some VW/ Audi or Opel (Vauxhall) automobiles

You may need to modify the wiring of the supplied wiring harness as illustrated below.



If your car does not have an ISO terminal

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.

Pin	Color and function	
A4	Yellow	: Battery
A5	Blue/White	: Power control (12 V ⎓ 350 mA)
A6	Orange/white	: Car light control switch
A7	Red	: Ignition (ACC)
A8	Black	: Earth (ground) connection
B1	Purple ⊕	: Rear speaker (right) For 3-way crossover: Tweeter (right)
B2	Purple/black ⊖	
B3	Gray ⊕	: Front speaker (right) For 3-way crossover: Mid range speaker (right)
B4	Gray/black ⊖	
B5	White ⊕	: Front speaker (left) For 3-way crossover: Mid range speaker (left)
B6	White/black ⊖	
B7	Green ⊕	: Rear speaker (left)* For 3-way crossover: Tweeter (left)
B8	Green/black ⊖	

* You can also connect a subwoofer speaker directly without an external subwoofer amplifier. For setting, see page 27.

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Specifications

Digital radio	DAB	Frequency Range	Band III 174.928 MHz — 239.200 MHz
		Sensitivity	−100 dBm
		Signal-to-Noise Ratio	80 dB
		Antenna Connector Type	SMB
		Antenna Output Voltage (11 V — 16 V)	12 V DC
		Antenna Maximum Current	< 100 mA

Analog radio	FM	Frequency Range	87.5 MHz — 108.0 MHz (50 kHz step)
		Usable Sensitivity (S/N = 26 dB)	0.56 µV/75 Ω (6.2 dBf)
		Quieting Sensitivity (DIN S/N = 46 dB)	1.58 µV/75 Ω
		Frequency Response (±3 dB)	30 Hz — 15 kHz
		Signal-to-Noise Ratio (MONO)	68 dB
		Stereo Separation (1 kHz)	40 dB
	AM (MW)	Frequency Range	531 kHz — 1 611 kHz (9 kHz step)
		Usable Sensitivity (S/N = 20 dB)	28.5 µV (29.1 dBµ)
	AM (LW)	Frequency Range	153 kHz — 279 kHz (9 kHz step)
		Usable Sensitivity (S/N = 20 dB)	45 µV (33.1 dBµ)

USB	USB Standard	KD-X472DBT: USB 1.1, USB 2.0 (High speed) KD-X272DBT/KD-X172DB: USB 1.1, USB 2.0 (Full speed)
	Compatible Devices	Mass storage class
	File System	FAT12/16/32
	Maximum Supply Current	DC 5 V ⎓ 1.5 A
	Digital Filter (D/A) Converter	24 Bit
	Frequency Response (±1 dB)	20 Hz — 20 kHz
	Signal-to-Noise Ratio (1 kHz)	98 dB
	Dynamic Range	93 dB
	Channel Separation	92 dB
	MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
	WMA Decode	Compliant with Windows Media Audio
	AAC Decode	KD-X472DBT: AAC-LC ".aac," ".m4a" files
	WAV Decode	Linear-PCM
	FLAC Decode	FLAC file, up to 24 bit/96 kHz

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Specifications

Auxiliary	Frequency Response (±3 dB)	20 Hz — 20 kHz
	Input Maximum Voltage	1 000 mV
	Input Impedance	30 kΩ

KD-X472DBT/KD-X272DBT:		
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	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
	Net Weight (includes Trimplate, Mounting Sleeve)	0.6 kg

Subject to change without notice.

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