

KENWOOD

KDC-DAB34U KDC-DAB361U

CD-RECEIVER

INSTRUCTION MANUAL

AMPLI-TUNER LECTEUR DE CD

MODE D'EMPLOI

CD-RECEIVER

BEDIENUNGSANLEITUNG

CD RECEIVER

GEBRUIKSAANWIJZING

SINTOLETTORE STEREO COMPACT DISC

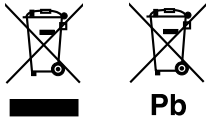
ISTRUZIONI PER L'USO

REPRODUCTOR DE DISCOS COMPACTOS RECEPTOR DE FM/AM

MANUAL DE INSTRUCCIONES

JVCKENWOOD Corporation





Information on Disposal of Old Electrical and Electronic Equipment and Batteries (applicable for EU 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.

Information sur l'élimination des anciens équipements électriques et électroniques et piles électriques (applicable dans les pays de l'Union Européenne qui ont adopté des systèmes de collecte sélective)

Les produits et piles électriques sur lesquels le pictogramme (poubelle barrée) est apposé ne peuvent pas être éliminés comme ordures ménagères.

Les anciens équipements électriques et électroniques et piles électriques doivent être recyclés sur des sites capables de traiter ces produits et leurs déchets.

Contactez vos autorités locales pour connaître le site de recyclage le plus proche. Un recyclage adapté et l'élimination des déchets aideront à conserver les ressources et à nous préserver des leurs effets nocifs sur notre santé et sur l'environnement.

Remarque: Le symbole "Pb" ci-dessous sur des piles électrique indique que cette pile contient du plomb.

Entsorgung von gebrauchten elektrischen und elektronischen Geräten und Batterien (anzuwenden in den Ländern der Europäischen Union und anderen europäischen Ländern mit einem separaten Sammelsystem für solche Geräte)

Das Symbol (durchgestrichene Mülltonne) auf dem Produkt oder seiner Verpackung weist darauf hin, dass dieses Produkt nicht als normaler Haushaltsabfall behandelt werden darf, sondern an einer Annahmestelle für das Recycling von elektrischen und elektronischen Geräten und Batterien abgegeben werden muss.

Durch Ihren Beitrag zur korrekten Entsorgung dieses Produktes schützen Sie die Umwelt und die Gesundheit Ihrer Mitmenschen.

Unschlaggemäße oder falsche Entsorgung gefährden Umwelt und Gesundheit. Weitere Informationen über das Recycling dieses Produktes erhalten Sie von Ihrer Gemeinde oder den kommunalen Entsorgungsbetrieben.

Achtung: Das Zeichen „Pb“ unter dem Symbol für Batterien zeigt an, dass diese Batterie Blei enthält.

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.

Informazioni sullo smaltimento delle vecchie apparecchiature elettriche ed elettroniche e delle batterie (valide per i Paesi Europei che hanno adottato sistemi di raccolta differenziata)

I prodotti e le batterie recanti il simbolo di un cassonetto della spazzatura su ruote barrato non possono essere smaltiti insieme ai normali rifiuti di casa.

I vecchi prodotti elettrici ed elettronici e le batterie devono essere riciclati presso un'apposita struttura in grado di trattare questi prodotti e di smaltirne i loro componenti.

Per conoscere dove e come recapitare tali prodotti nel luogo a voi più vicino, contattare l'apposito ufficio comunale. Un appropriato riciclo e smaltimento aiuta a conservare la natura e a prevenire effetti nocivi alla salute e all'ambiente.

Nota: Il simbolo "Pb" sotto al simbolo delle batterie indica che questa batteria contiene piombo.

Información acerca de la eliminación de equipos eléctricos, electrónicos y baterías al final de la vida útil (aplicable a los países de la Unión Europea 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.

For Israel

מידע בדבר השלכה לאשפה של ציוד חשמלי ואלקטרוני ישו וכן סוללות (רלוונטי למדינות שמשמשות במערכת איסוף אשפה מופדרת).

לא ניתן להשליך מוצרים וסוללות עם הסימון (פח אשפה עם X עליו) כאשפה ביתית רגילה. יש למחזר ציוד חשמלי ואלקטרוני ישו 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 מצידן שהסוללה מכילה עופרת.

For Turkey

Bu ürün 28300 sayılı Resmî Gazete'de yayımlanan Atık Elektrikli ve Elektronik Eşyaların Kontrolü Yönetmeliğine uygun olarak üretilmiştir.

Eski Elektrik ve Elektronik Ekipmanların İmha Edilmesi Hakkında Bilgi (ayrı atık toplama sistemlerini kullanan ülkeleri için uygulanabilir)



Semböllü (üzerinde çarpı işareti olan çöp kutusu) ürünler ev atıkları olarak atılamaz.

Eski elektrik ve elektronik ekipmanlar, bu ürünleri ve ürün atıklarını geri dönüştürebilecek bir tesiste değerlendirilmelidir. Yaşadığımız bölgeye en yakın geri dönüşüm tesisinin yerini öğrenmek için yerel makamlara müracaat edin. Uygun geri dönüşüm ve atık imha yöntemi sağlığımız ve çevremiz üzerindeki zararlı etkileri önlerken kaynakların korunmasına da yardımcı olacaktır.



Declaration of Conformity with regard to the EMC Directive 2004/108/EC
Declaration of Conformity with regard to the RoHS Directive 2011/65/EU

Manufacturer:

JVC KENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

EU Representative:

JVCKENWOOD NEDERLAND B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands

Déclaration de conformité se rapportant à la directive EMC 2004/108/EC

Déclaration de conformité se rapportant à la directive RoHS 2011/65/EU

Fabricant:

JVC KENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

Représentants dans l'UE:

JVCKENWOOD NEDERLAND B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands

Konformitätserklärung in Bezug auf die EMC-Vorschrift 2004/108/EC

Konformitätserklärung in Bezug auf die RoHS-Vorschrift 2011/65/EU

Hersteller:

JVC KENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

EU-Vertreter:

JVCKENWOOD NEDERLAND B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, Niederlande

Conformiteitsverklaring met betrekking tot de EMC-richtlijn van de Europese Unie (2004/108/EC)

Conformiteitsverklaring met betrekking tot de RoHS richtlijn van de Europese Unie (2011/65/EU)

Fabrikant:

JVC KENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

EU-vertegenwoordiger:

JVCKENWOOD NEDERLAND B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, Nederland

Dichiarazione di conformità relativa alla direttiva EMC 2004/108/CE

Dichiarazione di conformità relativa alla direttiva RoHS 2011/65/EU

Produttore:

JVC KENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

Rappresentante UE:

JVCKENWOOD NEDERLAND B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands

Declaración de conformidad con respecto a la Directiva EMC 2004/108/CE

Declaración de conformidad con respecto a la Directiva RoHS 2011/65/EU

Fabricante:

JVC KENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

Representante en la UE:

JVCKENWOOD NEDERLAND B.V.
Amsterdamseweg 37, 1422 AC UITHOORN, Países Bajos



The marking of products using lasers

The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

Marquage des produits utilisant un laser

L'étiquette est attachée au châssis/boîtier de l'appareil et indique que l'appareil utilise des rayons laser de classe 1. Cela signifie que l'appareil utilise des rayons laser d'une classe faible. Il n'y a pas de danger de radiation accidentelle hors de l'appareil.

Kennzeichnung von Geräten mit Laser-Abtastern

Das Etikett ist am Chassis/Gehäuse angebracht und besagt, dass sich die Komponente Laserstrahlen bedient, die als Laserstrahlen der Klasse 1 klassifiziert wurden. Dies weist darauf hin, dass sich das Gerät Laserstrahlen bedient, die einer schwächeren Klasse angehören. Das bedeutet, dass durch den sehr schwachen Laserstrahl keine Gefahr durch gefährliche Strahlungen außerhalb des Geräts besteht.

Markering op producten die laserstralen gebruiken

Dit label is aangebracht op de behuizing/houder en toont dat de component een laserstraal gebruikt die als Klasse 1 is geclassificeerd. Dit betekent dat de laserstraal relatief zwak is en er geen gevaar van straling buiten het toestel is.

Etichetta per i prodotti che impiegano raggi laser

L'etichetta si trova sul rivestimento o sulla scatola e serve ad avvertire che il componente impiega raggi laser che sono stati classificati come classe 1. Ciò significa che l'apparecchio utilizza raggi laser di una classe inferiore. Non c'è alcun pericolo di radiazioni pericolose all'esterno dell'apparecchio.

La marca para los productos que utilizan láser

Esta etiqueta está colocada en el chasis e indica que el componente funciona con rayos láser de clase 1. Esto significa que el aparato utiliza rayos láser considerados como de clase débil. No existe el peligro de que este aparato emita al exterior una radiación peligrosa.

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How to read this manual

- Operations are explained mainly using buttons on the faceplate.
- [XX] indicates the selected items.
- (→ XX) indicates references are available on the stated page.

BEFORE USE

▲ 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 USB device or iPod/iPhone 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.
- If a disc error occurs due to condensation on the laser lens, eject the disc and wait for the moisture to evaporate.

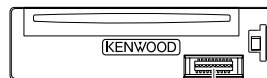
Maintenance

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, being careful not to damage the connector.

Handling discs:

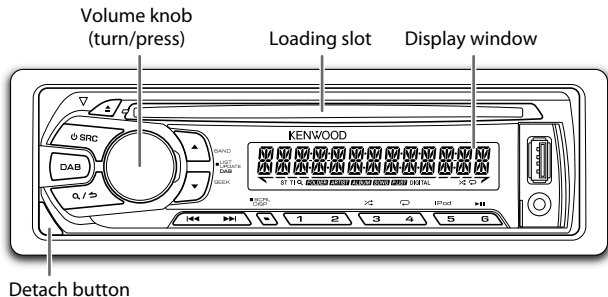
- Do not touch the recording surface of the disc.
- Do not stick tape etc. on the disc, or use a disc with tape stuck on it.
- Do not use any accessories for the disc.
- Clean from the center of the disc and move outward.
- Clean the disc with a dry silicone or soft cloth. Do not use any solvents.
-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



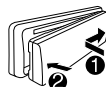
Connector (on the reverse side of the faceplate)

BASICS

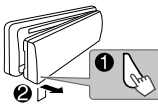
Faceplate



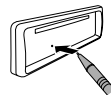
Attach



Detach



How to reset



Your preset adjustments will also be erased.

To	Do this (on the faceplate)
Turn on the power	Press SRC . <ul style="list-style-type: none">Press and hold to turn off the power.
Adjust the volume	Turn the volume knob.
Select a source	Press SRC repeatedly.
Change the display information	Press DISP SCRL repeatedly. <ul style="list-style-type: none">Press and hold to scroll the current display information.

Muting upon the reception of a phone call

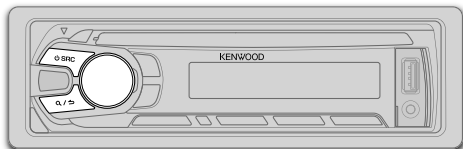
Connect the MUTE wire to your telephone using a commercial telephone accessory. (➔ 15)

When a call comes in, "CALL" appears. (The audio system pauses.)

• To continue listening to the audio system during a call, press **SRC**. "CALL" disappears and the audio system resumes.

When the call ends, "CALL" disappears. (The audio system resumes.)

GETTING STARTED



1 Select the display language and cancel the demonstration

When you turn on the power (or after you reset the unit), the display shows: "SEL LANGUAGE" → "PRESS" → "VOLUME KNOB"

- 1 Turn the volume knob to select [ENG] (English) or [RUS] (Russian), then press the knob.

[ENG] is selected for the initial setup.

Then, the display shows: "CANCEL DEMO" → "PRESS" → "VOLUME KNOB"

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

2 Set the clock

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [CLOCK], then press the knob.
- 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.
Day → 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.
- 7 Press and hold **Q/↵** to exit.

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

While in clock display screen...

Press and hold DISP SCRL to enter clock adjustment mode directly.

Then, perform step **4** to set the clock.

3 Set the initial settings

- 1 Press **SRC** to enter STANDBY.
- 2 Press the volume knob to enter [FUNCTION].
- 3 Turn the volume knob to make a selection (see the following table), then press the knob.
- 4 Press and hold **Q/↵** to exit.

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

Default: **XX**

AUDIO CONTROL

SWITCH PREOUT **REAR/ SUB-W:** Selects whether rear speakers or a subwoofer are connected to the line out terminals on the rear (through an external amplifier).

SP SELECT **OFF/ 5/4/ 6 × 9/6/ OEM:** Selects according to the speaker size (5 inches or 4 inches, 6×9 inches or 6 inches) or OEM speakers for optimum performance.

DISPLAY

EASY MENU

(For **KDC-DAB34U**)

ON: Both display and button illumination change to white color when entering [FUNCTION]. ; **OFF:** Both display and button illumination remain as [COLOR SELECT] color. (→ 12)

TUNER SETTING	
DAB L-BAND	ON: Receives L-BAND ensemble during digital audio reception. ; OFF: Cancels.
DAB ANT POWER	ON: Supplies power to the DAB antenna. Selects when using the supplied antenna (for KDC-DAB34U). ; OFF: Does not supply power. Selects when using passive antenna without booster. (➔ 16)
PRESET TYPE	NORMAL: Memorizes one station for each preset button in each band (FM1/ FM2/ FM3/ MW/ LW/ DB1/ DB2/ DB3). ; MIX: Memorizes one station (digital radio or analog radio) for each preset button, regardless of the selected band.
SYSTEM	
KEY BEEP	ON: Activates the keypress tone. ; OFF: Deactivates.
SOURCE SELECT	
BUILT-IN AUX	ON: Enables AUX in source selection. ; OFF: Disables. (➔ 10)
RUSSIAN SET	Selects the display language for [FUNCTION] menu and Tag information (folder name, file name, song title, artist name, album name) if applicable. RUSSIAN OFF: Display language is English. ; РУССКИЙ ВКЛ: Display language is Russian.
P-OFF WAIT	Applicable only when the demonstration mode is turned off. Sets the duration when the unit will automatically turn off (while in standby mode) to save the battery. 20M: 20 minutes ; 40M: 40 minutes ; 60M: 60 minutes ; OFF ----: Cancels
CD READ	1: Automatically distinguishes between audio file disc and music CD. ; 2: ; Forces to play as an music CD. No sound can be heard if an audio file disc is played.
F/W UPDATE	
UPDATE SYSTEM/ UPDATE DAB1/ UPDATE DAB2	
F/W UP xx.xx/ F/W UP xx.x.x/ F/W UP Vxxx	YES: Starts upgrading the firmware. ; NO: Cancels (upgrading is not activated). For details on how to update the firmware, see: www.kenwood.com/cs/ce/

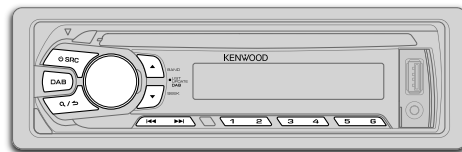
About DAB (Digital Audio Broadcasting)

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.

Preparation:

- 1 Connect a DAB antenna to the DAB input terminal. (➔ 16)
 - 2 Press **SRC** or **DAB** to select DAB.
 - 3 Press and hold **DAB** to start the Service List update.
“LIST UPDATE” appears and update starts. “UPDATED” appears when update completes.
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.



Start listening

- 1 Press **SRC** or **DAB** to select DAB.
- 2 Press **▲ BAND** repeatedly to select DB1/ DB2/ DB3.
- 3 Press and hold **◀◀ / ▶▶** to search for an ensemble.
- 4 Press **◀◀ / ▶▶** to select an ensemble, service or component to listen.

DIGITAL RADIO (DAB)

- To change the tuning method for **I◀◀ / ▶▶I**: Press **▼ SEEK** repeatedly.
AUTO1: Press **I◀◀ / ▶▶I**: Select an ensemble, service or component.
Press and hold **I◀◀ / ▶▶I**: Automatically search for an ensemble.
AUTO2: Press **I◀◀ / ▶▶I**: Search for a preset service.
MANUAL: Press **I◀◀ / ▶▶I**: Select an ensemble, service or component.
Press and hold **I◀◀ / ▶▶I**: Manually search for an ensemble.
- To store a service: Press and hold one of the number buttons (**1** to **6**).
- To select a stored service: Press one of the number buttons (**1** to **6**).

Select a service

- 1 Press **DAB** to enter Service Search mode.
- 2 Turn the volume knob or press **▲ / ▼** to select a service, then press the knob.

To cancel the Service Search mode, press **Q / ↵** or **DAB**.

Select a service by name

- 1 Press **DAB** to enter Service Search mode.
- 2 Turn the volume knob quickly to enter Alphabet Search mode.
- 3 Turn the volume knob or press **I◀◀ / ▶▶I** to select the character to be searched for.
Press **▲ / ▼** to go to the previous/next page.
- 4 Press the volume knob to start searching.
- 5 Turn the volume knob to select a service, then press the knob.

To cancel the Alphabet Search mode, press **Q / ↵**.

Other settings

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to make a selection (see the following table), then press the knob.
- 3 Press and hold **Q / ↵** to exit.

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

Default: **XX**

TUNER SETTING

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. ; OFF : Cancels.
PTY SEARCH	Press the volume knob to enter PTY language selection. Turn the volume knob to select the PTY language (ENGLISH / FRENCH / GERMAN), then press the knob. Selects the available Program Type (→ 7), then, press I◀◀ / ▶▶I to start.
ASW SELECT	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. <ul style="list-style-type: none">• Multiple announcement can be activated simultaneously.• To deactivate, press the volume knob again (“*” goes off).
LIST UPDATE	AUTO : Automatically update the DAB Service List when the power is turned on. ; MANUAL : Updates the DAB Service List by pressing and holding DAB .
PTY WATCH	Automatically switch from any source to Digital Radio ensembles broadcasting a selected type of program. 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 OFF : Cancels.

DIGITAL RADIO (DAB)

CLOCK

TIME SYNC **ON:** Synchronizes the unit's time to the Digital Radio signal station time. ;
OFF: Cancels.

- Available Program Type:
SPEECH: NEWS, AFFAIRS, INFO (information), SPORT, EDUCATE, DRAMA, CULTURE, SCIENCE, VARIED, WEATHER, FINANCE, CHILDREN, SOCIAL, RELIGION, PHONE IN, TRAVEL, LEISURE, DOCUMENT
MUSIC: POP M (music), ROCK M (music), EASY M (music), LIGHT M (music), CLASSICS, OTHER M (music), JAZZ, COUNTRY, NATION M (music), OLDIES, FOLK M (music)
The unit will search for the Program Type categorized under [SPEECH] or [MUSIC] if selected.
- If the volume is adjusted during reception of traffic information, announcement or alarm, the adjusted volume is memorized automatically. It will be applied the next time traffic information, announcement or alarm function is turned on.

Replay

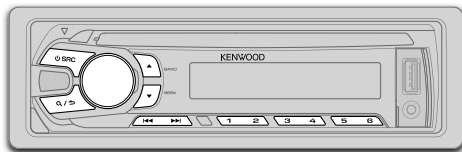
Press and hold **▼ SEEK**.

"REPLAY MODE" appears and replay starts from the live position. You can replay a certain length of time of the current service (depending on the audio bit rate).

During Replay...

- To pause or resume playback, press **6 ||**.
- To skip the current song backward/forward, press **◀▶**.
- To rewind/fast-forward, press and hold **◀▶**.
- To exit from Replay and go to live, press and hold **▼ SEEK**.

ANALOG RADIO



Search for a station

- 1 Press **⏻ SRC** to select TUNER.
 - 2 Press **▲ BAND** repeatedly to select FM1/ FM2/ FM3/ MW (or LW).
 - 3 Press **◀▶** to search for a station.
- To change the searching method for **◀▶**: Press **▼ SEEK** repeatedly.
AUTO1: Automatically search for a station.
AUTO2: Search for a preset station.
MANUAL: Manually search for a station.
 - To store a station: Press and hold one of the number buttons (**1** to **6**).
 - To select a stored station: Press one of the number buttons (**1** to **6**).

Other settings

- 1 Press the volume knob to enter [FUNCTION].
 - 2 Turn the volume knob to make a selection (**↔ 8**), then press the knob.
 - 3 Press and hold **Q/↵** to exit.
- To return to the previous setting item or hierarchy, press **Q/↵**.

ANALOG RADIO

Default: **XX**

TUNER SETTING	
LOCAL SEEK	ON: Searches only FM stations with good reception. ; OFF: Cancels.
AUTO MEMORY	YES: Automatically starts memorizing 6 stations with good reception. ; NO: Cancels. (Selectable only if [NORMAL] is selected for [PRESET TYPE].) (→ 5)
MONO SET	ON: Improves the FM reception, but the stereo effect may 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. ; OFF: Cancels.
PTY SEARCH	Press the volume knob to enter PTY language selection. Turn the volume knob to select the PTY language (ENGLISH / FRENCH / GERMAN), then press the knob. Selects the available Program Type (see the following), then, press ◀▶ / ▶▶ to start.

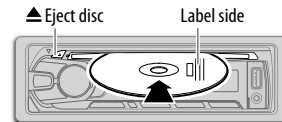
- [LOCAL SEEK]/ [MONO SET]/ [NEWS SET]/ [REGIONAL]/ [AF SET]/ [PTY SEARCH] is selectable only when the band is FM1/ FM2/ FM3.
 - Available Program Type:
SPEECH: NEWS, AFFAIRS, INFO (information), SPORT, EDUCATE, DRAMA, CULTURE, SCIENCE, VARIED, WEATHER, FINANCE, CHILDREN, SOCIAL, RELIGION, PHONE IN, TRAVEL, LEISURE, DOCUMENT
MUSIC: POP M (music), ROCK M (music), EASY M (music), LIGHT M (music), CLASSICS, OTHER M (music), JAZZ, COUNTRY, NATION M (music), OLDIES, FOLK M (music)
 The unit will search for the Program Type categorized under [SPEECH] or [MUSIC] if selected.
 - If the volume is adjusted during reception of traffic information, alarm or news bulletin, the adjusted volume is memorized automatically. It will be applied the next time traffic information, alarm or news bulletin function is turned on.
- * [TI] in MW/LW band is for enabling traffic interruption to DAB source only.

CD / USB / iPod

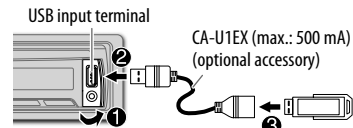
Start playback

The source changes automatically and playback starts.

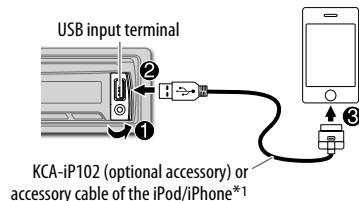
CD



USB



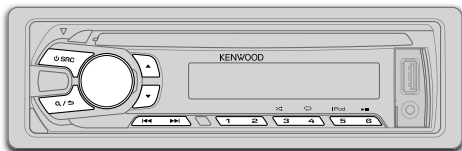
iPod/iPhone



Press 5 iPod to select the control mode while in iPod source.

MODE ON: From the iPod. (→ 9, *2)

MODE OFF: From the unit.



To	Do this
Pause or resume playback	Press 6 .
Select a track/file	Press 1 / .
Select a folder ^{*3}	Press ▲ / ▼ .
Reverse/Fast-forward	Press and hold 1 / .
Repeat play ^{*4}	<p>Press 4 repeatedly.</p> <ul style="list-style-type: none"> Audio CD: TRACK REPEAT, REPEAT OFF MP3/WMA/WAV file or iPod: FILE REPEAT, FOLDER REPEAT, REPEAT OFF KENWOOD Music Editor Light (KME Light)/ KENWOOD Music Control (KMC) file (➔ 12): FILE REPEAT, REPEAT OFF
Random play ^{*4}	<p>Press 3 repeatedly.</p> <ul style="list-style-type: none"> Audio CD: DISC RANDOM, RANDOM OFF MP3/WMA/WAV file or iPod or KME Light/ KMC file: FOLDER RANDOM, RANDOM OFF <p>Press and hold 3 to select "ALL RANDOM". ^{*5}</p>

^{*1} Do not leave the cable inside the car when not using.

^{*2} You can still play/pause, file skip, fast-forward or reverse files from the unit.

^{*3} Only for MP3/WMA/WAV files. This does not work for iPod.

^{*4} **For iPod:** Applicable only when [MODE OFF] is selected.

^{*5} **For CD:** Only for MP3/WMA files.

If you connect the iPod/iPhone to the USB input terminal of the unit (while listening to TuneIn Radio, TuneIn Radio Pro or Aupeo), the unit will output the sound from these apps.

Select a track/file from a list

For iPod: Applicable only when [MODE OFF] is selected. (➔ 8)

1 Press **Q** / **➔**.

2 Turn the volume knob to make a selection, then press the knob.

- MP3/WMA/WAV file: Select the desired folder, then a file.
- iPod or KME Light/ KMC file: Select the desired file from the list (PLAYLISTS, ARTISTS, ALBUMS, SONGS, PODCASTS*, GENRES, COMPOSERS*).

* Only for iPod.

- To return to the root folder (or first file), press number button **5**.
- To return to the previous setting item or hierarchy, press **Q** / **➔**.
- To cancel, press and hold **Q** / **➔**.

If you have many files...

You can search through them quickly (on step 2 above) at a preset skip search ratio by pressing **1** / .

- See also "Set the skip search ratio." (➔ 10)
- Pressing and holding **1** / skip songs at the maximum ratio (10%) regardless of the setting made.
- For USB:** Only for files registered in the database created with KME Light/ KMC.
- Not applicable for audio CD.

Select a song by name

While listening to iPod...

- 1 Press **Q / ↵**.
 - 2 Turn the volume knob to select a category, then press the knob.
 - 3 Turn the volume knob quickly to enter character search.
 - 4 Turn the volume knob to select the character to be searched for.
 - 5 Press **◀ / ▶** to move to the entry position.
You can enter up to 3 characters.
 - 6 Press the volume knob to start searching.
 - 7 Turn the volume knob to make a selection, then press the knob.
Repeat step 7 until the desired item is selected.
- To search for a character other than A to Z and 0 to 9, enter only “*”.
 - To return to the previous hierarchy, press **Q / ↵**.
 - To return to the top menu, press number button **5**.
 - To cancel, press and hold **Q / ↵**.

Set the skip search ratio

While listening to iPod or KME Light/ KMC file...

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [USB], then press the knob.
- 3 Turn the volume knob to select [SKIP SEARCH], then press the knob.
- 4 Turn the volume knob to make a selection, then press the knob.
0.5% (default)/ 1%/ 5%/ 10%: Skip search ratio over the total files.
- 5 Press and hold **Q / ↵** to exit.

Change the USB drive

When a smartphone (Mass Storage Class) is connected to the USB input terminal, you can select its internal memory or external memory (such as an SD card) to playback the stored songs. You can also select the desired drive to playback when a multiple drives device is connected.

Press number button **5** repeatedly to select the desired drive.

(or)

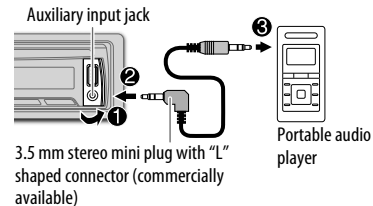
- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [USB], then press the knob.
- 3 Turn the volume knob to select [MUSIC DRIVE], then press the knob.
- 4 Press the volume knob to select [DRIVE CHANGE].
The next drive is selected automatically.
Repeat steps 1 to 4 to select the following drives.
Selectable items: [DRIVE 1] to [DRIVE 5]

Preparation:

Select [ON] for [BUILT-IN AUX]. (→ 5)

Start listening

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



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

Set the AUX name

While listening to a portable audio player connected to the unit...

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [SYSTEM], then press the knob.
- 3 Turn the volume knob to select [AUX NAME SET], then press the knob.
- 4 Turn the volume knob to make a selection, then press the knob.
AUX (default)/ DVD/ PORTABLE/ GAME/ VIDEO/ TV
- 5 Press and hold **Q / ↵** to exit.

AUDIO SETTINGS

While listening to any source...

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [AUDIO CONTROL], then press the knob.
- 3 Turn the volume knob to make a selection (see the following table), then press the knob.
Repeat step 3 until the desired item is selected or activated.
- 4 Press and hold **Q**/**↵** to exit.

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

Default: **XX**

SUB-W LEVEL	-15 to +15 (0)	Adjusts the subwoofer output level.
BASS LEVEL	-8 to +8 (+6)	Adjusts the level to memorize for each source. (Before making an adjustment, select the source you want to adjust.)
MID LEVEL	-8 to +8 (+5)	
TRE LEVEL	-8 to +8 (0)	
EQ PRO		
BASS ADJUST	BASS CTR FRQ	60/ 80/ 100/ 200: Selects the center frequency.
	BASS LEVEL	-8 to +8 (+6): Adjusts the level.
	BASS Q FACTOR	1.00/ 1.25/ 1.50/ 2.00: Adjusts the quality factor.
	BASS EXTEND	ON: Turns on the extended bass. ; OFF: Cancels.
MID ADJUST	MID CTR FRQ	0.5/ 1.0/ 1.5/ 2.5K: Selects the center frequency.
	MID LEVEL	-8 to +8 (+5): Adjusts the level.
	MID Q FACTOR	0.75/ 1.00/ 1.25: Adjusts the quality factor.
TRE ADJUST	TRE CTR FRQ	10.0/ 12.5/ 15.0/ 17.5K: Selects the center frequency.
	TRE LEVEL	-8 to +8 (0): Adjusts the level.

PRESET EQ	DRIVE EQ/ TOP40/ POWERFUL/ ROCK/ POPS/ EASY/ JAZZ/ NATURAL/ USER: Selects a preset equalizer suitable to the music genre. (Select [USER] to use the customized bass, middle, and treble settings.) [DRIVE EQ] is a preset equalizer that reduces noise from the road.
BASS BOOST	LV1/ LV2/ LV3: Selects your preferred bass boost level. ; OFF: Cancels.
LOUDNESS	LV1/ LV2: Selects your preferred low and high frequencies boost to produce a well-balanced sound at a low volume level. ; OFF: Cancels.
SUBWOOFER SET	ON: Turns on the subwoofer output. ; OFF: Cancels.
LPF SUBWOOFER	THROUGH: All signals are sent to the subwoofer. ; 85HZ/ 120HZ/ 160HZ: Audio signals with frequencies lower than 85 Hz/ 120 Hz/ 160 Hz are sent to the subwoofer.
SUB-W PHASE	REVERSE (180°)/ NORMAL (0°): Selects the phase of the subwoofer output to be in line with the speaker output for optimum performance. (Selectable only if a setting other than [THROUGH] is selected for [LPF SUBWOOFER].)
FADER	R15 to F15 (0): Adjusts the rear and front speaker output balance.
BALANCE	L15 to R15 (0): Adjusts the left and right speaker output balance.
VOLUME OFFSET (Default: 0)	-8 to +8 (for AUX) ; -8 to 0 (for other sources): Presets the volume adjustment level of each source. (Before adjustment, select the source you want to adjust.)
SOUND RECNSTR (Sound reconstruction)	ON: Creates realistic sound by compensating the high-frequency components and restoring the rise-time of the waveform that are lost in audio data compression. ; OFF: Cancels.

- [SUB-W LEVEL]/ [SUBWOOFER SET]/ [LPF SUBWOOFER]/ [SUB-W PHASE] is selectable only if [SWITCH PREOUT] is set to [SUB-W]. (↔ 4)
- [SUB-W LEVEL]/ [LPF SUBWOOFER]/ [SUB-W PHASE] is selectable only if [SUBWOOFER SET] is set to [ON].

DISPLAY SETTINGS

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [DISPLAY], then press the knob.
- 3 Turn the volume knob to make a selection (see the following table), then press the knob. Repeat step 3 until the desired item is selected or activated.
- 4 Press and hold **Q** / **↵** to exit.

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

Default: **XX**

COLOR SELECT*	VARIABLE SCAN/ COLOR 01 — COLOR 24/ USER: Selects your preferred button illumination color. You can create your own color (when [COLOR 01] — [COLOR 24] or [USER] is selected). The color you have created can be selected when you select [USER]. <ol style="list-style-type: none">1 Press and hold the volume knob to enter the detailed color adjustment.2 Press ◀◀ / ▶▶ to select the color (R/ G/ B) to adjust.3 Turn the volume knob to adjust the level (0 — 9), then press the knob.
DIMMER	ON: Dims the display illumination (and button illumination*). ; OFF: Illuminates according to the [BRIGHTNESS] settings.
BRIGHTNESS	LVL 0 — LVL 31: Selects your preferred brightness level for display illumination (and button illumination*).
TEXT SCROLL	AUTO/ ONCE: Selects whether to scroll the display information automatically, or scroll only once. ; OFF: Cancels.

* For **KDC-DAB34U**.

MORE INFORMATION

General

• This unit can only play the following CDs:



- Detailed information and notes about the playable audio files are stated in an online manual on the following web site: www.kenwood.com/cs/ce/audiofile/

Playable files

- Playable audio file: MP3 (.mp3), WMA (.wma)
 - Playable disc media: CD-R/CD-RW/CD-ROM
 - Playable disc file format: ISO 9660 Level 1/2, Joliet, Long file name.
 - 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 device.

Unplayable discs

- Discs that are not round.
- Discs with coloring on the recording surface or discs that are dirty.
- Recordable/ReWritable discs that have not been finalized.
- 8 cm CD. Attempting to insert using an adapter may cause malfunction.

About USB devices

- This unit can play MP3/WMA/WAV files stored on a USB mass storage class device.
- 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 A.

About KENWOOD Music Editor Light and KENWOOD Music Control


- This unit supports the PC application KENWOOD Music Editor Light and Android™ application KENWOOD Music Control.
- When you play audio files with song data added using the KENWOOD Music Editor Light or KENWOOD Music Control, you can search for audio files by Genres, Artists, Albums, Playlists, and Songs.
- KENWOOD Music Editor Light and KENWOOD Music Control are available on the following web site: www.kenwood.com/cs/ce/

About iPod/iPhone

Made for

- iPod touch (1st, 2nd, 3rd, 4th, and 5th generation)
 - iPod classic
 - iPod nano (3rd, 4th, 5th, 6th, and 7th generation)
 - iPhone, iPhone 3G, 3GS, 4, 4S, 5
- For the latest compatible list and software versions of iPhone/iPod, see: www.kenwood.com/cs/ce/ipod
 - You cannot operate iPod if "KENWOOD" or "✓" is displayed on iPod.

TROUBLESHOOTING

Symptom	Remedy
Sound cannot be heard.	<ul style="list-style-type: none">Adjust the volume to the optimum level.Check the cords and connections.
"PROTECT" appears and no operations can be done.	Check to be sure the terminals of the speaker wires are insulated properly, then reset the unit. If this does not solve the problem, consult your nearest service center.
<ul style="list-style-type: none">Sound cannot be heard.The unit does not turn on.Information shown on the display is incorrect.	Clean the connectors. (➔ 2)
The unit does not work at all.	Reset the unit. (➔ 3)
DAB reception is poor.	(For KDC-DAB34U) Make sure [ON] is selected for [DAB ANT POWER] . (➔ 5)
"DAB ANT ERR" appears.	Check the DAB antenna. If a passive antenna (without a booster) is used, set [DAB ANT POWER] to [OFF] . (➔ 5)
<ul style="list-style-type: none">Radio reception is poor.Static noise while listening to the radio.	<ul style="list-style-type: none">Connect the antenna firmly.Pull the antenna out all the way.
"NA FILE" appears.	Make sure the disc contains supported audio files. (➔ 12)
"NO DISC" appears.	Insert a playable disc into the loading slot.
"TOC ERROR" appears.	Make sure the disc is clean and inserted properly.
"PLEASE EJECT" appears.	Reset the unit. If this does not solve the problem, consult your nearest service center.
Disc cannot be ejected.	Press and hold  to forcibly eject the disc. Be careful not to drop the disc when it is ejected. If this does not solve the problem, reset the unit. (➔ 3)

Symptom	Remedy
"READ ERROR" appears.	Copy the files and folders onto the USB device again. If this does not solve the problem, reset the USB device or use another USB device.
"NO DEVICE" appears.	Connect a USB device, and change the source to USB again.
"COPY PRO" appears.	A copy-protected file is played.
"NA DEVICE" appears.	Connect a supported USB device, and check the connections.
"NO MUSIC" appears.	Connect a USB device that contains playable audio files.
"iPod ERROR" appears.	<ul style="list-style-type: none">Reconnect the iPod.Reset the iPod.
Noise is generated.	Skip to another track or change the disc.
Tracks do not play back as you intended them to play.	Playback order is determined when files are recorded.
"READING" keeps flashing.	Do not use too many hierarchical levels or folders.
Elapsed playing time is not correct.	This is caused by how the tracks are recorded.
Correct characters are not displayed (e.g. album name).	This unit can only display uppercase letters, numbers, and a limited number of symbols. Uppercase Cyrillic letters can also be displayed if [RUSSIAN SET] is set to [РУССКИЙ ВКЛ] . (➔ 5)

▲ 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.
- Insulate unconnected wires with vinyl tape to prevent a short circuit.
- Be sure to ground this unit to the car's chassis again after installation.

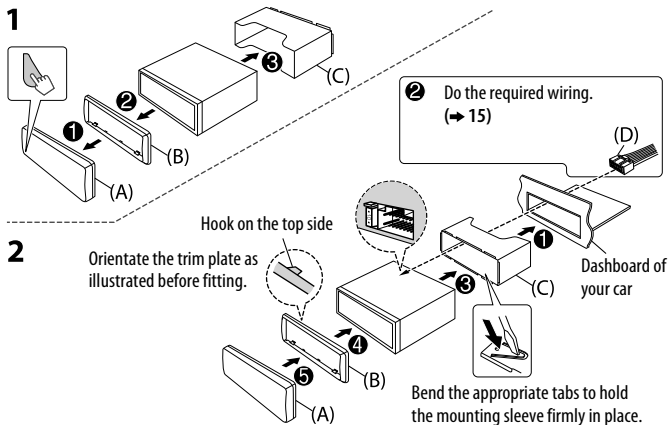
▲ Caution

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

Basic procedure

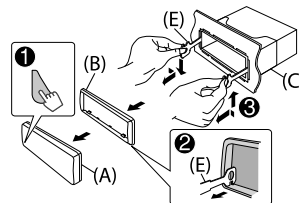
- 1 Remove the key from the ignition switch, then disconnect the \ominus terminal of the car battery.
- 2 (For **KDC-DAB34U**) Install the DAB antenna.
See Installing the DAB antenna. (→ 16)
- 3 Connect the wires properly.
See Wiring connection. (→ 15)
- 4 Install the unit to your car.
See Installing the unit (in-dash mounting).
- 5 Connect the \ominus terminal of the car battery.
- 6 Reset the unit. (→ 3)

Installing the unit (in-dash mounting)

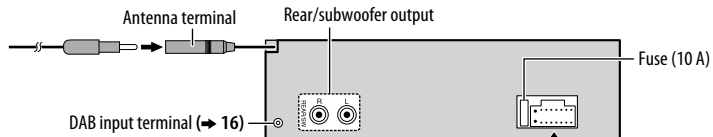


How to remove the unit

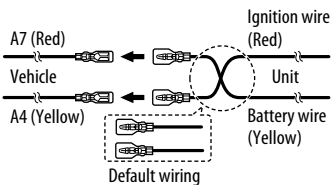
- 1 Detach the faceplate.
- 2 Fit the catch pin on the extraction keys into the holes on both sides of the trim plate, then pull it out.
- 3 Insert the extraction keys deeply into the slots on each side, then follow the arrows as shown on the right.



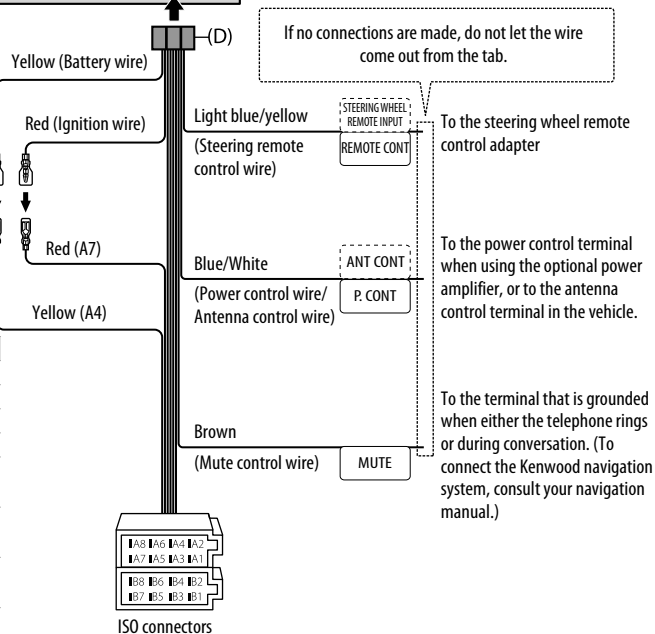
Wiring connection



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.

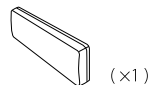


Pin	Color and function
A4	Yellow : Battery
A5	Blue/White : Power control
A7	Red : Ignition (ACC)
A8	Black : Earth (ground) connection
B1	Purple ⊕ : Rear speaker (right)
B2	Purple/black ⊖ : Rear speaker (right)
B3	Gray ⊕ : Front speaker (right)
B4	Gray/black ⊖ : Front speaker (right)
B5	White ⊕ : Front speaker (left)
B6	White/black ⊖ : Front speaker (left)
B7	Green ⊕ : Rear speaker (left)
B8	Green/black ⊖ : Rear speaker (left)

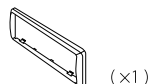


Part list for installation

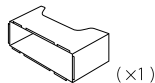
(A) Faceplate



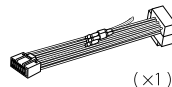
(B) Trim plate



(C) Mounting sleeve



(D) Wiring harness



(E) Extraction key



Installing the DAB antenna

For **KDC-DAB34U**: Connect the supplied DAB antenna.

For **KDC-DAB361U**: Connect CX-DAB1 (optional accessory).

▲ Caution

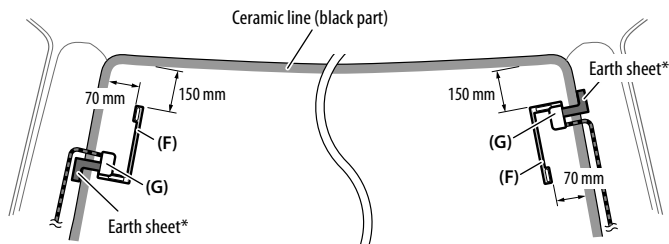
- The film antenna **(F)** is exclusively for use inside the vehicle.
- Do not install at the following locations:
 - where it may block the driver's view.
 - where it may obstruct the operation of safety devices such as air bags.
 - on movable glass surfaces such as the rear hatch.
 - at side of vehicle (e.g. door, front quarter window).
 - on rear window.
- Signal strength will weaken when installed at the following locations:
 - on IR reflecting glass or locations covered with mirror type glass film.
 - where it overlaps with genuine radio antenna (pattern).
 - where it overlaps with window heating wires.
 - on glass that blocks radio signals (e.g. IR reflecting glass, thermal insulation glass).
- Poor reception may occur:
 - due to noise when windscreen wiper, air conditioner, or motor is turned on.
 - depending on the direction of the broadcast station with respect to the vehicle (antenna).
- Thoroughly wipe oil and dirt from the pasting surface with the supplied cleaner **(I)**.
- Do not bend or damage the film antenna **(F)**.
- It may not be possible to install on certain vehicles.
- Check the cable routing of the film antenna **(F)** and amplifier unit **(G)** before pasting.
- Do not apply any glass cleaner after pasting the film antenna **(F)**.

Determine the antenna installation position

- The direction of the film antenna **(F)** changes depending on whether the film antenna **(F)** is installed on the right side or left side.
- Be sure to check the installation location of film antenna **(F)** before installing. Film antenna cannot be re-pasted.
- Separate from other antennas by at least 100 mm.
- Do not paste the amplifier unit **(G)** on the ceramic line (black part) around the front glass. Because there is not enough adhesion.

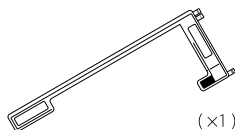
■ Installing the antenna on the left side

■ Installing the antenna on the right side



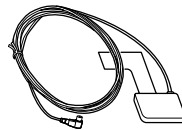
* Paste the earth sheet of the amplifier unit **(G)** on the metal part of the front pillar.

Part list for installation



(F) Film antenna

(×1)



(G) Amplifier unit
(cable with booster, 3.5 m)

(×1)



(H) Cable clammer

(×3)



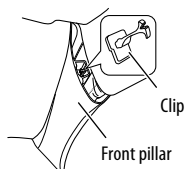
(I) Cleaner

(×1)

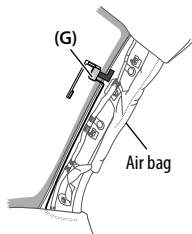
▲ Caution

When installing the antenna cable inside the front pillar with the air bag installed

- The front pillar cover is secured with a special clip which may need to be replaced when it is removed. Contact your vehicle dealer for details on removing the front pillar cover and availability of replacement parts.

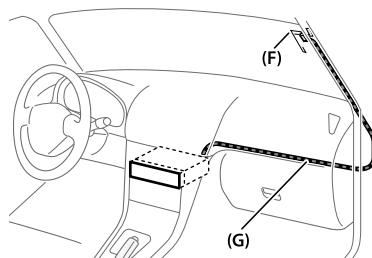


- Install the amplifier unit (G) above the air bag so that it does not obstruct the operation of the air bag.



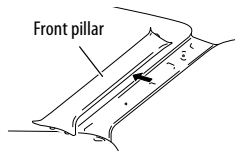
Installation overview

The antenna should be installed on the passenger side for safety.

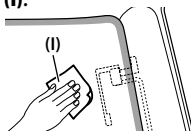


Antenna installation

- 1 Remove the front pillar cover of your car.



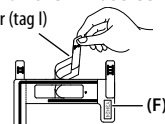
- 2 Clean the windshield with the supplied cleaner (I).



- Wait until the glass surface is completely dry before proceeding.
- Warm the surface of the windshield with defroster if it is cold (during winter).

- 3 Remove the separator (tag I) of film antenna (F) horizontally and paste the antenna on the windshield.

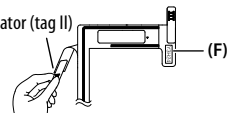
Separator (tag I)



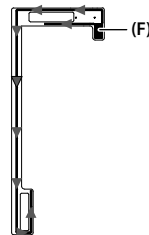
Do not touch the pasting surface (adhesive side) of the film antenna (F).

- 4 Remove the separator (tag II) of film antenna (F) vertically and paste the antenna on the windshield.

Separator (tag II)



- 5 Rub the film antenna gently onto the windshield in the direction of the arrow shown to allow it to stick firmly.



6 Remove the application film (tag III).



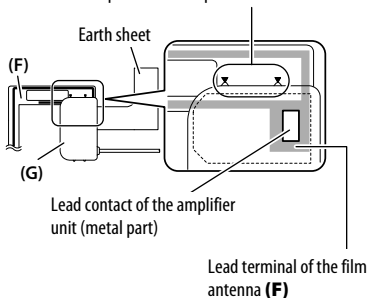
Do not touch the lead terminal of film antenna **(F)**.

7 Set the position of the protrusion of the amplifier unit (G) with the ▼ on the film antenna (F) and paste.

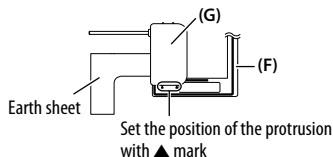
Do not touch the lead terminal or the pasting surface (adhesive side) of the amplifier unit **(G)**.

- **When installing the antenna on the right side**

Set the position of the protrusion with ▼ mark

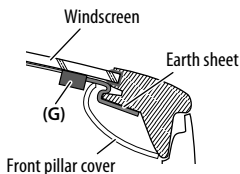


- **When installing the antenna on the left side**



8 Remove the film covering the earth sheet and paste the earth sheet on the metal part of the vehicle.

Provide sufficient leeway for the earth sheet so that it does not interfere with the interior parts (front pillar cover). Also take care that the interior parts do not interfere with the amplifier unit **(G)**.



9 Wire the antenna cables.

Use cable clammer **(H)** to secure the antenna to the pillar at several positions.

10 Attach the front pillar cover back to its original position.

Be sure not to damage the earth sheet and amplifier unit **(G)** when covering.

11 Connect the amplifier unit (G) to the DAB input terminal on the rear of the unit.

12 Set [DAB ANT POWER] to [ON]. (→ 5)