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# KENWOOD

## DPX-3000U

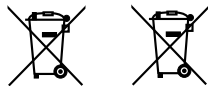
DUAL DIN SIZED CD RECEIVER

### INSTRUCTION MANUAL

DUALER DIN-GENORMTER CD-RECEIVER

JVCKENWOOD Corporation





**Pb**

### 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.

### Entsorgung von gebrauchten elektrischen und elektronischen Geräten und Batterien (anzuwenden in 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.

Unschädelgemäße 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.

### For Israel

מידע בדבר השלכה לאשפה של ציוד חשמלי ואלקטרוני יש 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 יש וכן סוללות במתקן המסוגל לטפל בפרטים אלה ובתוצרי הלואי 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 מצוין שהסוללה מכילה עופרת.



**Declaration of Conformity with regard to the EMC Directive**

**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:**

JVC KENWOOD NEDERLAND B.V.

Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands

**Konformitätserklärung in Bezug auf die EMC-Vorschrift**

**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:**

JVC KENWOOD NEDERLAND B.V.

Amsterdamseweg 37, 1422 AC UITHOORN, Niederlande

**Декларация соответствия относительно Директивы Электромагнитная совместимость**

**Декларация соответствия относительно Директивы 2011/65/EU об ограничении содержания вредных веществ**

**Производитель:**

ДжейВиСи КЕНВУД Корпорейшн

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**Представительство в ЕС:**

ДжейВиСи КЕНВУД Нидерланд Би.Ви.

Amsterdamseweg 37, 1422 AC UITHOORN, Нидерланды

**Декларация про відповідність вимогам Директиви EMC**

**Декларация про відповідність вимогам Директиви RoHS 2011/65/EU**

**Виробник:**

JVC KENWOOD Corporation

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

**Представник у ЕС:**

JVC KENWOOD NEDERLAND B.V.

Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands



### 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.

### 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.

### Маркировка изделий, использующих лазеры

К корпусу устройства прикреплена табличка, указывающая, что устройство использует лазерные лучи класса 1. Это означает, что в устройстве используются лазерные лучи слабой интенсивности. Они не представляют опасности и не распространяют опасную радиацию вне устройства.

### Маркування виробів, обладнаних лазером

На корпус/корпус поміщається наклейка, в якій зазначається, що даний виріб випромінює лазерні промені Класу 1. Це означає, що даний апарат використовує лазерні промені слабшого класу. За межами даного апарату не існує небезпеки лазерного випромінювання.

### For Turkey

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

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



Sembollü (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. Yaşadığınız 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.



Дата изготовления (месяц/год) находится на этикетке устройства.

В соответствии с Законом Российской Федерации "О защите прав потребителей" срок службы (годности) данного товара "по истечении которого он может представлять опасность для жизни, здоровья потребителя, причинять вред его имуществу или окружающей среде" составляет семь (7) лет со дня производства. Этот срок является временем, в течение которого потребитель данного товара может безопасно им пользоваться при условии соблюдения инструкции по эксплуатации данного товара, проводя необходимое обслуживание, включающее замену расходных материалов и/или соответствующее ремонтное обеспечение в специализированном сервисном центре.

Дополнительные косметические материалы к данному товару, поставляемые вместе с ним, могут храниться в течение двух (2) лет со дня его производства.

Срок службы (годности), кроме срока хранения дополнительных косметических материалов, упомянутых в предыдущих двух пунктах, не затрагивает никаких других прав потребителя, в частности, гарантийного свидетельства KENWOOD, которое он может получить в соответствии с законом о правах потребителя или других законов, связанных с ним.

**Декларація про Відповідність Вимогам Технічного Регламенту Обмеження Використання деяких Небезпечних Речовин в електричному та електронному обладнанні (затвердженого Постановою №1057 Кабінету Міністрів України)**  
Виріб відповідає вимогам Технічного Регламенту Обмеження Використання деяких Небезпечних Речовин в електричному та електронному обладнанні (ТР ОВНР).

Вміст небезпечних речовин у випадках, не обумовлених в Додатку №2 ТР ОВНР:

1. свинець (Pb) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон;
2. кадмій (Cd) – не перевищує 0.01 % ваги речовини або в концентрації до 100 частин на мільйон;
3. ртуть (Hg) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон;
4. шестивалентний хром (Cr 6+) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон;
5. полібромбіфенолі (PBB) – не перевищує 0.1% ваги речовини або в концентрації до 1000 частин на мільйон;
6. полібромдефенілові ефіри (PBDE) – не перевищує 0.1 % ваги речовини або в концентрації до 1000 частин на мільйон.

# CONTENTS

BEFORE USE	2
BASICS	3
GETTING STARTED	4
1 Select the display language and cancel the demonstration	
2 Set the clock and date	
3 Set the initial settings	
RADIO	5
AUX	7
CD / USB / iPod / ANDROID	7
AUDIO SETTINGS	10
DISPLAY SETTINGS	11
TROUBLESHOOTING	12
REFERENCES	13
Maintenance	
More information	
SPECIFICATIONS	14
INSTALLATION / CONNECTION	15

# 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 Warning and Caution 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:

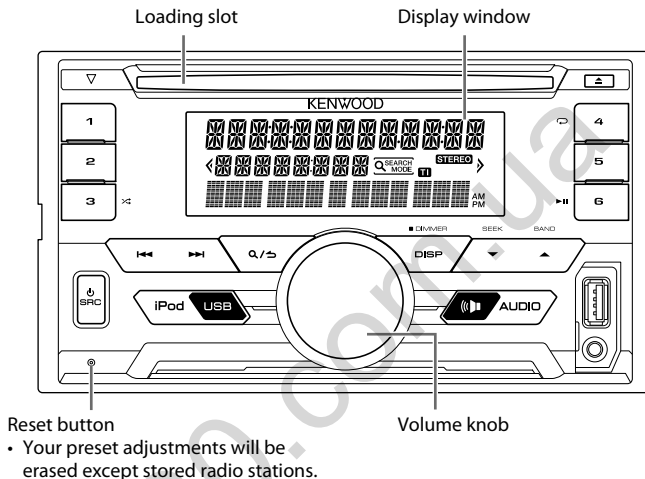
- Avoid using the external device if it might hinder safe driving.
- Make sure all important data has been backed up. We shall bear no responsibility for any loss of recorded data.
- Never put or leave any metallic objects (such as coins or metal tools) inside the unit to prevent a short circuit.
- If a disc error occurs due to condensation on the laser lens, eject the disc and wait for the moisture to evaporate.
- Depending on the types of cars, the antenna will automatically extend when you turn on the unit with the antenna control wire connected (➔ 17). Turn off the unit or change the source to STANDBY when parking at a low ceiling area.

### How to read this manual

- Operations are explained mainly using buttons on the faceplate.
- English indications are used for the purpose of explanation. You can select the display language from the [FUNCTION] menu. (➔ 5)
- [XX] indicates the selected items.
- (➔ XX) indicates references are available on the stated page.

# BASICS

## Faceplate



- Reset button
- Your preset adjustments will be erased except stored radio stations.

### To

### On the faceplate

Turn on the power

- Press **SRC**.
- Press and hold to turn off the power.

Adjust the volume

Turn the volume knob.

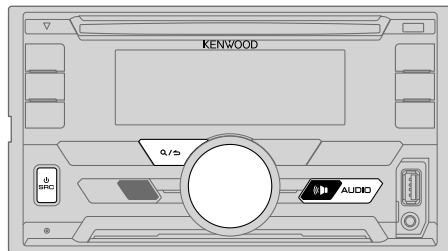
Select a source

Press **SRC** repeatedly.

Change the display information

Press **DISP** repeatedly. (→ 14)

# 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), [RUS] (Russian) or [SPA] (Spanish), 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 and date

- 1 Press the volume knob to enter [FUNCTION].
- 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.  
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 FORMAT], then press the knob.
- 8 Turn the volume knob to select [DD/MM/YY] or [MM/DD/YY], then press the knob.
- 9 Turn the volume knob to select [DATE SET], then press the knob.
- 10 Turn the volume knob to make the settings, then press the knob.  
Day → Month → Year or Month → Day → Year
- 11 Press and hold Q/↵ to exit.

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

## 3 Set the initial settings

- 1 Press SRC repeatedly to enter STANDBY.
- 2 Press the volume knob to enter [FUNCTION].
  - Pressing AUDIO enter [AUDIO CONTROL] directly.
- 3 Turn the volume knob to select an item (see the following table), then press the knob.
- 4 Repeat step 3 until the desired item is selected or activated.
- 5 Press and hold Q/↵ to exit.

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

Default: XX

### AUDIO CONTROL

SWITCH PREOUT	REAR/ SUBWOOFER: 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.

## GETTING STARTED

### DISPLAY

<b>EASY MENU</b>	When entering [FUNCTION]... <b>ON:</b> ZONE1 and ZONE2 illuminations change to white color.; <b>OFF:</b> ZONE2 illumination changes to white color while ZONE1 illumination remains as [COLOR SELECT] color. (➡ 11) (Refer to the illustration on page 11 for zone identification.)
------------------	---

### TUNER SETTING

<b>PRESET TYPE</b>	<b>NORMAL:</b> Memorizes one station for each preset button in each band (FM1/ FM2/ FM3/ MW/ LW).; <b>MIX:</b> Memorizes one station for each preset button, regardless of the selected band.
--------------------	---

### SYSTEM

<b>KEY BEEP</b>	<b>ON:</b> Activates the keypress tone.; <b>OFF:</b> Deactivates.
-----------------	---

### SOURCE SELECT

<b>BUILT-IN AUX</b>	<b>ON:</b> Enables AUX in source selection.; <b>OFF:</b> Disables. (➡ 7)
---------------------	--

<b>P-OFF WAIT</b>	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. <b>20M:</b> 20 minutes; <b>40M:</b> 40 minutes; <b>60M:</b> 60 minutes; -- --: Cancels
-------------------	--

<b>CD READ</b>	<b>1:</b> Automatically distinguishes between audio file disc and music CD.; <b>2:</b> Forces to play as a music CD. No sound can be heard if an audio file disc is played.
----------------	---

### F/W UPDATE

<b>UPDATE SYSTEM</b>	
<b>F/W UP xx.xx</b>	<b>YES:</b> Starts upgrading the firmware.; <b>NO:</b> Cancels (upgrading is not activated). For details on how to update the firmware, see: <a href="http://www.kenwood.com/cs/ce/">www.kenwood.com/cs/ce/</a>

### CLOCK

<b>CLOCK DISPLAY</b>	<b>ON:</b> The clock time is shown on the display even when the unit is turned off.; <b>OFF:</b> Cancels.
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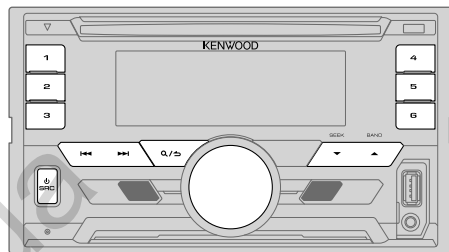
### ENGLISH

### РУССКИЙ

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

### ESPAÑOL

## RADIO



### Search for a station

- 1 Press **⏻ SRC** repeatedly to select TUNER.
  - 2 Press **▲ BAND** repeatedly to select FM1/ FM2/ FM3/ AM.
  - 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).



## RADIO

### Other settings

- 1 Press the volume knob to enter [FUNCTION].
- 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 and hold **Q** / **↵** to exit.

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

Default: **XX**

### TUNER SETTING

<b>LOCAL SEEK</b>	<b>ON</b> : Searches only stations with good reception. ; <b>OFF</b> : Cancels. <ul style="list-style-type: none"><li>• Settings made are applicable only to the selected source/station. Once you change the source/station, you need to make the settings again.</li></ul>
<b>AUTO MEMORY</b>	<b>YES</b> : Automatically starts memorizing 6 stations with good reception. ; <b>NO</b> : Cancels. <ul style="list-style-type: none"><li>• Selectable only if [<b>NORMAL</b>] is selected for [<b>PRESET TYPE</b>]. (→ 5)</li></ul>
<b>MONO SET</b>	<b>ON</b> : Improves the FM reception, but the stereo effect may be lost. ; <b>OFF</b> : Cancels.
<b>NEWS SET</b>	<b>ON</b> : The unit will temporarily switch to News Programme if available. ; <b>OFF</b> : Cancels.
<b>REGIONAL</b>	<b>ON</b> : Switches to another station only in the specific region using the "AF" control. ; <b>OFF</b> : Cancels.
<b>AF SET</b>	<b>ON</b> : 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. ; <b>OFF</b> : Cancels.
<b>TI</b>	<b>ON</b> : Allows the unit to temporarily switch to Traffic Information if available ("TI" lights up). ; <b>OFF</b> : Cancels.
<b>PTY SEARCH</b>	<ol style="list-style-type: none"><li>1 Press the volume knob to enter PTY language selection.</li><li>2 Turn the volume knob to select the PTY language (<b>ENGLISH</b>/ <b>FRENCH</b>/ <b>GERMAN</b>), then press the knob.</li><li>3 Turn the volume knob to select the available Program Type (see the following).</li><li>4 Press <b>◀◀</b> / <b>▶▶</b> to start searching.</li></ol>

### CLOCK

<b>TIME SYNC</b>	<b>ON</b> : Synchronizes the unit's time to the Radio Data System station time. ; <b>OFF</b> : Cancels.
------------------	---

### Available Program Type for PTY SEARCH

**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.

- [**LOCAL SEEK**]/ [**MONO SET**]/ [**NEWS SET**]/ [**REGIONAL**]/ [**AF SET**]/ [**TI**]/ [**PTY SEARCH**] is selectable only when the band is FM1/ FM2/ FM3.
- If the volume is adjusted during reception of traffic information or news bulletin, the adjusted volume is memorized automatically. It will be applied the next time traffic information or news bulletin is turned on.

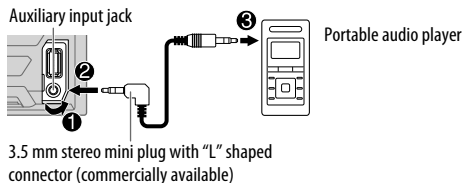
## AUX

### Preparation:

Select [ON] for [BUILT-IN AUX]. (➡ 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.

### Set the AUX name

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

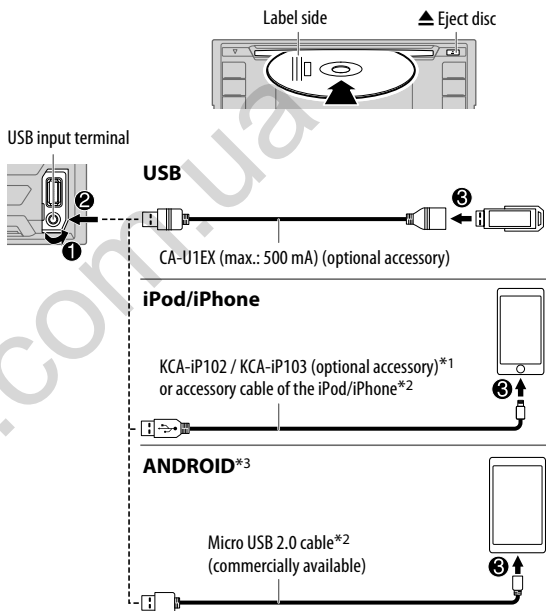
- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [SYSTEM], then press the knob.
- 3 Turn the volume knob to select [AUX NAME SET], then press the knob.
- 4 Turn the volume knob to select an item, then press the knob.  
AUX (default) / DVD / PORTABLE / GAME / VIDEO / TV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

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

## CD / USB / iPod / ANDROID

### Start playback

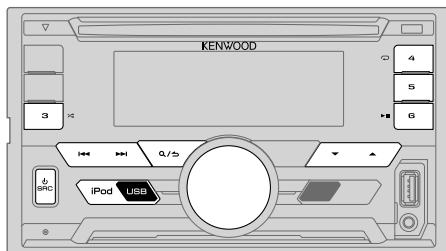
The source changes automatically and playback starts.



\*1 KCA-iP102 : 30-pin type, KCA-iP103 : Lightning type

\*2 Do not leave the cable inside the car when not using.

\*3 When connecting an Android device, "Press [VIEW] to install KENWOOD MUSIC PLAY APP" is shown. Follow the instructions to install the application. You can also install the latest version of KENWOOD MUSIC PLAY application on your Android device before connecting. (➡ 13)



To directly select USB/ IPOD/ ANDROID source, press **iPod USB**.

To	On the faceplate
Playback / pause	Press <b>6</b> ►  .
Reverse / Fast-forward* <sup>4</sup>	Press and hold ◀◀ / ▶▶.
Select a track/file	Press ◀◀ / ▶▶.
Select a folder* <sup>5</sup>	Press ▲ / ▼.
Repeat play* <sup>6</sup>	Press <b>4</b> ↺ repeatedly. TRACK REPEAT/ ALL REPEAT : Audio CD FILE REPEAT/ FOLDER REPEAT/ ALL REPEAT : MP3/WMA/WAV/FLAC file FILE REPEAT/ FOLDER REPEAT/ REPEAT OFF : iPod or ANDROID
Random play* <sup>6</sup>	Press <b>3</b> ↻ repeatedly. DISC RANDOM/ RANDOM OFF : Audio CD FOLDER RANDOM/ RANDOM OFF : MP3/WMA/WAV/FLAC file, iPod or ANDROID
	Press and hold <b>3</b> ↻ to select <b>ALL RANDOM</b> .* <sup>7</sup>

\*<sup>4</sup> For ANDROID: Applicable only when [BROWSE MODE] is selected.

\*<sup>5</sup> For CD: Only for MP3/WMA files. This does not work for iPod/ ANDROID.

\*<sup>6</sup> For iPod/ ANDROID: Applicable only when [MODE OFF]/ [BROWSE MODE] is selected.

\*<sup>7</sup> For CD: Only for MP3/WMA files.

## Select control mode

While in IPOD source, press **iPod USB** repeatedly.

**MODE ON** : Control iPod using the iPod itself.

However, you can still play/pause, file skip, fast-forward or reverse from this unit.

**MODE OFF** : Control iPod from this unit.

While in ANDROID source, press **iPod USB** repeatedly.

**BROWSE MODE** : Control Android device from this unit via KENWOOD MUSIC PLAY application installed in the Android device.

**HAND MODE** : Control Android device using the Android device itself via other media player applications installed in the Android device. However, you can still play/pause and file skip from this unit.

## Select music drive

Press **iPod USB** 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 drives device.

### Listen to TuneIn Radio/ TuneIn Radio Pro/ Aupeo

While listening to TuneIn Radio, TuneIn Radio Pro or Aupeo, connect the iPod/iPhone to the USB input terminal of the unit.

- The unit will output the sound from these applications.

### Select a file from a folder/list

- Press **Q/↵**.
- Turn the volume knob to select a folder/list, then press the knob.
- Turn the volume knob to select a file, then press the knob.

#### Quick Search

If you have many files in the iPod, you can search through them quickly according to the first character of the file name.

- Turn the volume knob quickly to enter character search.
- Turn the volume knob to select the character.  
To search for a character other than A to Z and 0 to 9, enter only " \* ".
- Press **◀◀ / ▶▶** to move to the entry position.
  - You can enter up to 3 characters.
- Press the volume knob to start searching.

- To return to the root folder/ first file/ top menu, press **5**.
- To return to the previous setting item, press **Q/↵**.
- To cancel, press and hold **Q/↵**.
- For iPod, applicable only when **[MODE OFF]** is selected. (→ 8)
- For ANDROID, applicable only when **[BROWSE MODE]** is selected. (→ 8)

### Other settings

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

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

Default: **XX**

#### USB

<b>MUSIC DRIVE</b>	<b>DRIVE CHANGE:</b> The next drive ([DRIVE 1] to [DRIVE 5]) is selected automatically and playback starts. Repeat steps <b>1</b> to <b>3</b> to select the following drives.
<b>SKIP SEARCH</b>	<b>0.5%/ 1%/ 5%/ 10%:</b> While listening to iPod or ANDROID, selects the skip search ratio over the total files.

# AUDIO SETTINGS

While listening to any source...

- 1 Press **⏮** **AUDIO** to enter [AUDIO CONTROL] directly.
- 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 and hold **Q** / **↵** to exit.

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

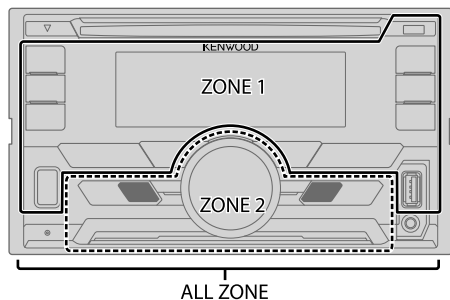
Default: **XX**

SUB-W LEVEL	−15 to +15 (0)	Adjusts the subwoofer output level.
BASS LEVEL	−8 to +8 (+2)	Adjusts the level to memorize for each source. (Before making an adjustment, select the source you want to adjust.)
MID LEVEL	−8 to +8 (+1)	
TRE LEVEL	−8 to +8 (+1)	
EQ PRO (This setting is stored to [USER].)		
BASS ADJUST	BASS CTR FRQ	60HZ/ 80HZ/ 100HZ/ 200HZ: Selects the center frequency.
	BASS LEVEL	−8 to +8 (+2): 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	0.5KHZ/ 1.0KHZ/ 1.5KHZ/ 2.5KHZ: Selects the center frequency.
	MID LEVEL	−8 to +8 (+1): Adjusts the level.
	MID Q FACTOR	0.75/ 1.00/ 1.25: Adjusts the quality factor.
TRE ADJUST	TRE CTR FRQ	10.0KHZ/ 12.5KHZ/ 15.0KHZ/ 17.5KHZ: Selects the center frequency.
	TRE LEVEL	−8 to +8 (+1): Adjusts the level.

<b>PRESET EQ</b>	<b>DRIVE EQ/ TOP40/ POWERFUL/ ROCK/ POPS/ EASY/ JAZZ/ NATURAL/ USER:</b> Selects a preset equalizer suitable to the music genre. (Select [USER] to use the settings made in [EQ PRO].) [DRIVE EQ] is a preset equalizer that reduces noise outside the car or running noise of the tyres.
<b>BASS BOOST</b>	<b>LEVEL1/ LEVEL2/ LEVEL3:</b> Selects your preferred bass boost level. ; <b>OFF:</b> Cancels.
<b>LOUDNESS</b>	<b>LEVEL1/ LEVEL2:</b> Selects your preferred low and high frequencies boost to produce a well-balanced sound at a low volume level. ; <b>OFF:</b> Cancels.
<b>SUBWOOFER SET</b>	<b>ON:</b> Turns on the subwoofer output. ; <b>OFF:</b> Cancels.
<b>LPF SUBWOOFER</b>	<b>THROUGH:</b> All signals are sent to the subwoofer. ; <b>85HZ/ 120HZ/ 160HZ:</b> Audio signals with frequencies lower than 85 Hz/ 120 Hz/ 160 Hz are sent to the subwoofer.
<b>SUB-W PHASE</b>	<b>REVERSE (180°)/ NORMAL (0°):</b> 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].)
<b>FADER</b>	<b>R15 to F15 (0):</b> Adjusts the rear and front speaker output balance.
<b>BALANCE</b>	<b>L15 to R15 (0):</b> Adjusts the left and right speaker output balance.
<b>VOLUME OFFSET</b>	For AUX: −8 to +8 ( <b>0</b> ) ; For other sources: −8 to <b>0</b> : Preset the initial volume level of each source. (Before adjustment, select the source you want to adjust.)
<b>SOUND RECNSTR</b> (Sound reconstruction)	<b>ON:</b> Creates realistic sound by compensating the high-frequency components and restoring the rise-time of the waveform that are lost in audio data compression. ; <b>OFF:</b> Cancels.

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

# DISPLAY SETTINGS



## Set the dimmer

Press and hold **DISP (DIMMER)** to turn on or off the dimmer.

- If you have set [DIMMER TIME], it will be canceled once you press and hold this button.

## Other 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 select an item (see the following table), then press the knob.
- 4 Repeat step 3 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 5 Press and hold **Q/↵** to exit.

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

Default: **XX**

### COLOR SELECT

Select color for **ALL ZONE**, **ZONE 1** and **ZONE 2** separately.

- 1 Select a zone. (See illustration on the left column.)
- 2 Select a color for the selected zone.

**VARIABLE SCAN/ CUSTOM R/G/B/** preset colors\*

To make your own color, select [CUSTOM R/G/B]. The color you have made will be stored in [CUSTOM R/G/B].

- 1 Press 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

Dim the display illumination and button illumination.

**ON:** Dimmer is turned on. ; **OFF:** Cancels.

**DIMMER TIME:** Set the dimmer on and off time.

- 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)

### BRIGHTNESS

- 1 Select a zone. (See illustration on the left column.)


- 2 0 — 31: Select your preferred brightness level for display and button illumination.

### TEXT SCROLL

**AUTO/ ONCE:** Select whether to scroll the display information automatically, or scroll only once. ; **OFF:** Cancels.

\* Preset colors: RED1/ RED2/ RED3/ PURPLE1/ PURPLE2/ PURPLE3/ PURPLE4/ BLUE1/ BLUE2/ BLUE3/ SKYBLUE1/ SKYBLUE2/ LIGHTBLUE/ AQUA1/ AQUA2/ GREEN1/ GREEN2/ GREEN3/ YELLOWGREEN1/ YELLOWGREEN2/ YELLOW/ ORANGE1/ ORANGE2/ ORANGERED

# TROUBLESHOOTING

Symptom	Remedy
General	Sound cannot be heard. <ul style="list-style-type: none"> <li>Adjust the volume to the optimum level.</li> <li>Check the cords and connections.</li> </ul>
	"MISWIRING CHECK WIRING THEN PWR ON" appears. <p>Turn the power off, then check to be sure the terminals of the speaker wires are insulated properly. Turn the power on again.</p>
	"PROTECTING SEND SERVICE" appears. <p>Send the unit to the nearest service center.</p>
	The unit does not work at all. <p>Reset the unit. (➡ 3)</p>
Radio	<ul style="list-style-type: none"> <li>Radio reception is poor.</li> <li>Static noise while listening to the radio.</li> </ul> <p>Connect the antenna firmly.</p>
CD / USB / iPod	Disc cannot be ejected. <p>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)</p>
	Noise is generated. <p>Skip to another track or change the disc.</p>
	Tracks do not play back as you intended them to play. <p>Playback order is determined when files are recorded.</p>
	"READING" keeps flashing. <p>Do not use too many hierarchical levels or folders.</p>
	Elapsed playing time is not correct. <p>This is caused by how the tracks are recorded.</p>
	Correct characters are not displayed (e.g. album name). <ul style="list-style-type: none"> <li>This unit can only display uppercase letters, numbers, and a limited number of symbols.</li> <li>Depending on the display language you have selected (➡ 5), some characters may not be displayed correctly.</li> </ul>
	"NA FILE" <p>Make sure the disc contains supported audio files. (➡ 13)</p>
	"NO DISC" <p>Insert a playable disc into the loading slot.</p>
	"TOC ERROR" <p>Make sure the disc is clean and inserted properly.</p>
	"PLEASE EJECT" <p>Reset the unit. If this does not solve the problem, consult your nearest service center.</p>

Symptom	Remedy
CD / USB / iPod	"READ ERROR" <p>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.</p>
	"NO DEVICE" <p>Connect a USB device, and change the source to USB again.</p>
	"COPY PRO" <p>A copy-protected file is played.</p>
	"NA DEVICE" <p>Connect a supported USB device, and check the connections.</p>
	"NO MUSIC" <p>Connect a USB device that contains playable audio files.</p>
ANDROID	"iPod ERROR" <ul style="list-style-type: none"> <li>Reconnect the iPod.</li> <li>Reset the iPod.</li> </ul>
	<ul style="list-style-type: none"> <li>Sound cannot be heard during playback.</li> <li>Sound output only from the Android device.</li> </ul> <ul style="list-style-type: none"> <li>Reconnect the Android device.</li> <li>If in [HAND MODE], launch any media player application on the Android device and start playback.</li> <li>If in [HAND MODE], relaunch the current media player application or use another media player application.</li> <li>Restart the Android device.</li> <li>If this does not solve the problem, the connected Android device is unable to route the audio signal to unit. (➡ 13)</li> </ul>
	Cannot playback at [BROWSE MODE]. <ul style="list-style-type: none"> <li>Make sure KENWOOD MUSIC PLAY APP is installed on the Android device. (➡ 7)</li> <li>Reconnect the Android device and select the appropriate control mode.</li> <li>If this does not solve the problem, the connected Android device does not support [BROWSE MODE]. (➡ 13)</li> </ul>
	"NO DEVICE" or "READING" keeps flashing. <ul style="list-style-type: none"> <li>Switch off the developer options on the Android device.</li> <li>Reconnect the Android device.</li> <li>If this does not solve the problem, the connected Android device does not support [BROWSE MODE]. (➡ 13)</li> </ul>
	Playback is intermittent or sound skips. <p>Turn off the power saving mode on the Android device.</p>
	"ANDROID ERROR" / "NA DEVICE" <ul style="list-style-type: none"> <li>Reconnect the Android device.</li> <li>Restart the Android device.</li> </ul>

# REFERENCES

## ■ Maintenance

### Cleaning the unit

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

### 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.

## ■ More information

Visit also the following website <[www.kenwood.com/cs/ce/](http://www.kenwood.com/cs/ce/)> for:

- Latest firmware updates and latest compatible item list
- Android™ application KENWOOD MUSIC PLAY
- Any other latest 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 website: [www.kenwood.com/cs/ce/audiofile/](http://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/FLAC 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 iPod/iPhone

Made for

- iPod touch (2nd, 3rd, 4th, and 5th generation)
- iPod classic
- iPod nano (3rd, 4th, 5th, 6th, and 7th generation)
- iPhone 3G, 3GS, 4, 4S, 5, 5S, 5C, 6, 6 Plus
- You cannot operate iPod if “KENWOOD” 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 Android device

- This unit supports Android OS 4.1 and above.
- Some Android devices (with OS 4.1 and above) may not fully support Android Open Accessory (AOA) 2.0.
- If the Android device supports both mass storage class device and AOA 2.0, this unit always playback via AOA 2.0 as priority.

### Muting upon the reception of a phone call

Connect the MUTE wire to your telephone using a commercial telephone accessory. (➡ 17)

**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.)



## REFERENCES

### Change the display information

Each time you press **DISP**, the display information changes.

- If the information is unavailable or not recorded, “NO TEXT”, “NO INFO”, or other information (eg. station name, playing time) appears.

Source name	Display information
STANDBY	Source name (Date/Clock)
TUNER	Frequency (Date/Clock)  (For FM Radio Data System stations only) Station name (Date/Clock) ➡ Radio text (Date/Clock) ➡ Radio text+ (R.TEXT+) ➡ Title (Artist) ➡ Title (Date/Clock) ➡ Frequency (Date/Clock) ➡ (back to the beginning)
CD or USB	(For CD-DA) Track title (Artist) ➡ Track title (Disc name) ➡ Track title (Date/Clock) ➡ Playing time (Date/Clock) ➡ (back to the beginning)  (For MP3/WMA/WAV/FLAC files) Track title (Artist) ➡ Track title (Album title) ➡ Track title (Date/Clock) ➡ File name (Folder name) ➡ File name (Date/Clock) ➡ Playing time (Date/Clock) ➡ (back to the beginning)
IPOD or ANDROID	Track title (Artist) ➡ Track title (Album name) ➡ Track title (Date/Clock) ➡ Playing time (Date/Clock) ➡ (back to the beginning)
AUX	Source name (Date/Clock)

## SPECIFICATIONS

Tuner	FM	Frequency Range	87.5 MHz — 108.0 MHz (50 kHz space)
		Usable Sensitivity (S/N = 26 dB)	0.71 $\mu$ V/75 $\Omega$
		Quieting Sensitivity (DIN S/N = 46 dB)	2.0 $\mu$ V/75 $\Omega$
		Frequency Response ( $\pm 3$ dB)	30 Hz — 15 kHz
		Signal-to-Noise Ratio (MONO)	64 dB
		Stereo Separation (1 kHz)	40 dB
CD player	MW	Frequency Range	531 kHz — 1 611 kHz (9 kHz space)
		Usable Sensitivity (S/N = 20 dB)	28.2 $\mu$ V
	LW	Frequency Range	153 kHz — 279 kHz (9 kHz space)
		Usable Sensitivity (S/N = 20 dB)	50.0 $\mu$ V
		Laser Diode	GaAlAs
		Digital Filter (D/A)	8 times over sampling
		Spindle Speed	500 rpm — 200 rpm (CLV)
		Wow & Flutter	Below measurable limit
		Frequency Response ( $\pm 1$ dB)	20 Hz — 20 kHz
		Total Harmonic Distortion (1 kHz)	0.01 %
		Signal-to-Noise Ratio (1 kHz)	105 dB
		Dynamic Range	90 dB
		Channel Separation	85 dB
		MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
		WMA Decode	Compliant with Windows Media Audio

## SPECIFICATIONS

USB	USB Standard	USB 1.1, USB 2.0 Full Speed
	File System	FAT12/ 16/ 32
	Maximum Supply Current	DC 5 V $\pm$ 1 A
	MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3
	WMA Decode	Compliant with Windows Media Audio
	WAV Decode	Linear-PCM
	FLAC Decode	FLAC file (Up to 48 kHz / 16 bit)
Audio	Maximum Output Power	50 W $\times$ 4
	Full Bandwidth Power	22 W $\times$ 4 (at less than 1 % THD)
	Speaker Impedance	4 $\Omega$ — 8 $\Omega$
	Tone Action	Bass 100 Hz $\pm$ 8 dB
		Middle 1.0 kHz $\pm$ 8 dB
		Treble 12.5 kHz $\pm$ 8 dB
	Preout Level/Load (CD)	2 500 mV/10 k $\Omega$
	Preout Impedance	$\leq$ 600 $\Omega$
Auxiliary	Frequency Response ( $\pm$ 3 dB)	20 Hz — 20 kHz
	Input Maximum Voltage	1 000 mV
	Input Impedance	30 k $\Omega$
General	Operating Voltage	14.4 V (10.5 V — 16 V allowable)
	Maximum Current Consumption	10 A
	Operational Temperature Range	-10°C — +60°C
	Installation Size (W $\times$ H $\times$ D)	182 mm $\times$ 111 mm $\times$ 158 mm
	Weight	1.6 kg

Subject to change without notice.

## INSTALLATION / CONNECTION

### ▲ 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

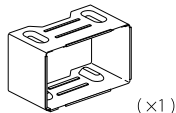
- For safety's sake, leave wiring and mounting to professionals. Consult the car audio dealer.
- Install this unit in the console of your vehicle. Do not touch the metal parts of this unit during and shortly after use of the unit. Metal parts such as the heat sink and enclosure become hot.
- Do not connect 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.
- Keep all cables away from heat dissipate metal parts.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- If the fuse blows, first make sure the wires are not touching car's chassis, then replace the old fuse with one that has the same rating.

### Basic procedure

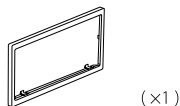
- 1 Remove the key from the ignition switch, then disconnect the  $\ominus$  terminal of the car battery.
- 2 Connect the wires properly.  
See Wiring connection. (→ 17)
- 3 Install the unit to your car.  
See Installing the unit (in-dash mounting).
- 4 Connect the  $\ominus$  terminal of the car battery.
- 5 Reset the unit. (→ 3)

## Part list for installation

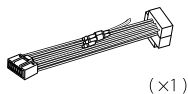
### (A) Mounting sleeve



### (B) Trim plate



### (C) Wiring harness

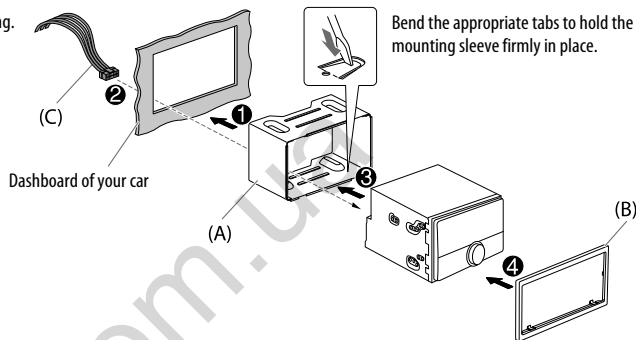


### (D) Extraction key



## Installing the unit (in-dash mounting)

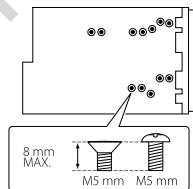
Do the required wiring.  
(→ 17)



## When installing without the mounting sleeve

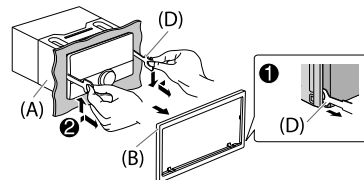
- 1 Remove the mounting sleeve and trim plate from the unit.
- 2 Align the holes in the unit (on both sides) with the vehicle mounting bracket and secure the unit with screws (commercially available).

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



## How to remove the unit

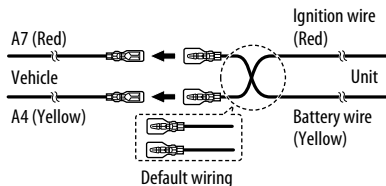
- 1 Fit the catch pin on the extraction keys into the holes on both sides of the trim plate, then pull it out.
- 2 Insert the extraction keys deeply into the slots on each side, then follow the arrows as shown below.



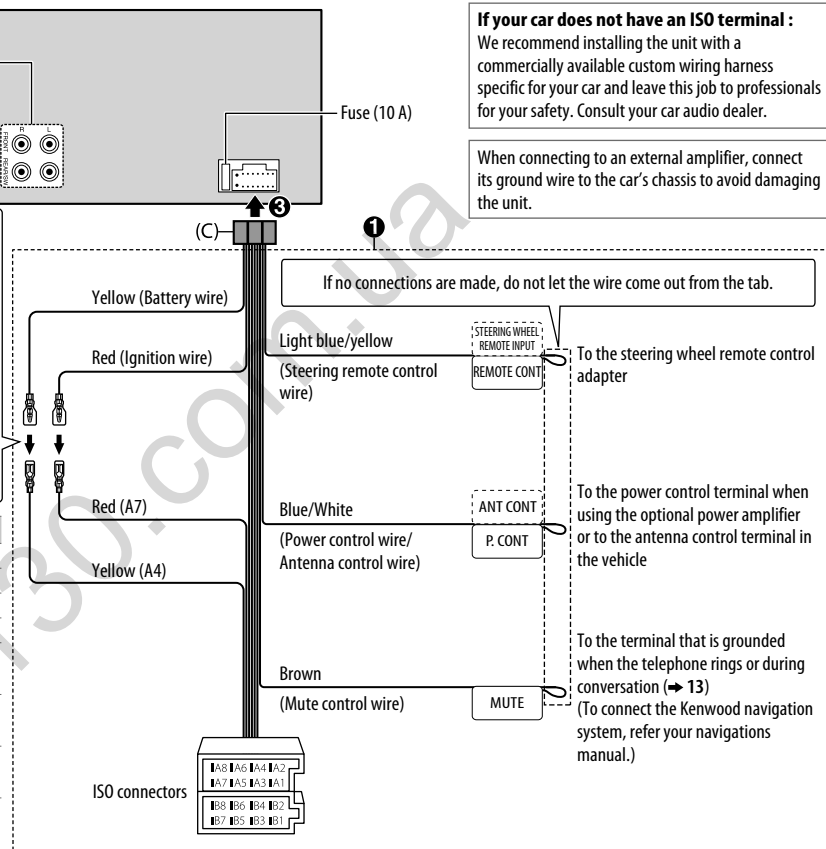
## Wiring connection

### 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)



### 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.

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