KENWOOD

KDC-364U KDC-164UG KDC-121RY
KDC-264UB KDC-164UB
KDC-164UR KDC-131Y

CD-RECEIVER
INSTRUCTION MANUAL
CD-RECEIVER
BEDIENUNGSANLEITUNG
CD-РЕСИВЕР
ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ
CD-РЕСІВЕР
ІНСТРУКЦІЯ З ЕКСПЛУАТАЦІЇ

JVCKENWOOD Corporation

Designed for
Windows
Media™

Made for
iPod iPhone

```
CLASS 1
LASER PRODUCT
```

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 каркас/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 Atik Elektrikli ve Elektronik Eşyalarin 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.

ЕАС 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. полібромбіфеноли (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

How to read this manual
- Operations are explained mainly using buttons on the faceplate of **KDC-364U**.
- [**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 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.

Remote control (RC-406):
- Do not leave the remote control in hot places such as on the dashboard.
- The Lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.
- The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Keep the battery out of reach of children and in its original packaging when not in used. Dispose of used batteries promptly. If swallowed, contact a physician immediately.

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.
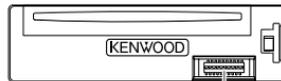
Connector (on the reverse side of the faceplate)

BASICS

Faceplate

Display window

KDC-264UB
KDC-164UR
KDC-164UG
KDC-164UB
KDC-121RY

Volume knob
(turn/press)

Loading slot

KENWOOD

Detach button

	KDC-164UR
	KDC-164UG
	KDC-164UB

| | **KDC-131Y** |
| AUD | **KDC-121RY** |
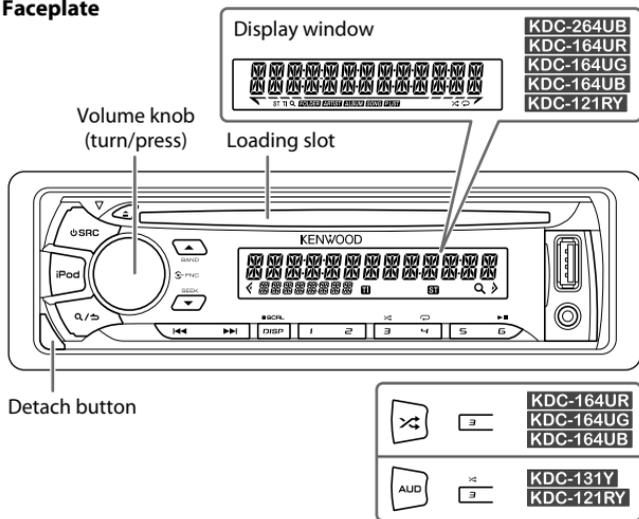
Attach

Detach
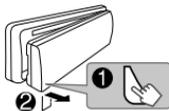
How to reset

Your preset adjustments will also be erased.

Remote control (RC-406) (supplied for **KDC-131Y**)

Remote sensor (Do not expose to bright sunlight.)

* Not used

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

Remote control functions are not available for **KDC-364U** / **KDC-264UB** / **KDC-164UR** / **KDC-164UG** / **KDC-164UB** / **KDC-121RY**.

How to replace the battery

CR2025
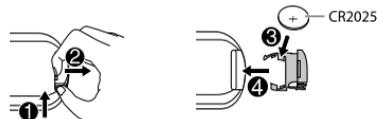
To	On the faceplate	On the remote control
Turn on the power	Press ⏻ **SRC**. • Press and hold to turn off the power.	Press and hold **SRC** to turn off the power. (Pressing **SRC** does not turn on the power.)
Adjust the volume	Turn the volume knob.	Press **VOL** ⌃ or **VOL** ⌄.
		Press **ATT** during playback to attenuate the sound. • Press again to cancel.
Select a source	Press ⏻ **SRC** repeatedly.	Press **SRC** repeatedly.
Change the display information	Press **DISP SCRL** repeatedly. • Press and hold to scroll the current display information.	(not available)

GETTING STARTED
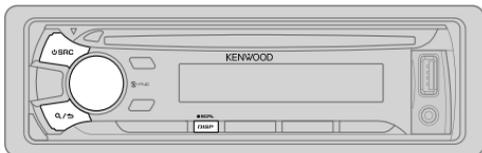
1 Select the display language and cancel the demonstration

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, press Q/⬥.

(For `KDC-264UB` / `KDC-164UR` / `KDC-164UG` / `KDC-164UB` / `KDC-121RY`)
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].**
   For `KDC-131Y` / `KDC-121RY`, pressing **AUD** enter [**AUDIO CONTROL**] directly.
3 **Turn the volume knob to make a selection (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	**(Except for `KDC-364U`)** **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-364U` / `KDC-131Y`)** **ON**: Both display and button illumination change to white color when entering [**FUNCTION**]. ; **OFF**: Both display and button illumination remain as [**COLOR SELECT**] color. (➜ **9**)

GETTING STARTED

TUNER SETTING

PRESET TYPE	**NORMAL**: Memorizes one station for each preset button in each band (FM1/ FM2/ FM3/ MW/ LW). ; **MIX**: Memorizes one station 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. (➔ 9)
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 ; **WAIT TIME – – –**: Cancels
CD READ	**1**: Automatically distinguishes between audio file disc and music CD. ; **2**: Forces to play as a music CD. No sound can be heard if an audio file disc is played.

F/W UPDATE

UPDATE SYSTEM

F/W UP xx.xx	**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/

CLOCK

CLOCK DISPLAY	**ON**: The clock time is shown on the display even when the unit is turned off. ; **OFF**: Cancels.
ENGLISH	Selected language is use as the display langauge for [**FUNCTION**] menu and Tag information (folder name, file name, song title, artist name, album name) if applicable.
РУССКИЙ	

RADIO
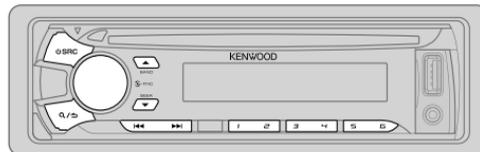
Search for a station

1. Press ⏻ **SRC** repeatedly to select TUNER.
2. Press ▲ **BAND** repeatedly (or press #**FM+** / ✱**AM–** on RC-406) to select FM1/ FM2/ FM3/ MW/ LW.
3. Press ⏮ / ⏭ (or press ⏮ / ⏭ (+) on RC-406) 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**) (or press one of the number buttons (**1** to **6**) on RC-406).

Direct Access Tuning (using RC-406) (for KDC-131Y)

1. Press **DIRECT** to enter Direct Access Tuning.
   "– – – • –" (for FM) or "– – – –" (for MW/ LW) appears on the display.
2. Press the number buttons to enter a frequency.
3. Press **ENT ▶ ‖** to search for a station.

- To cancel, press ⏏ or **DIRECT**.
- If no operation is done for 10 seconds after step **2**, Direct Access Tuning is automatically canceled.

RADIO

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. **Repeat step 2 until the desired item is selected or activated.**
4. **Press and hold $Q/\triangle$ to exit.**

To return to the previous setting item, press $Q/\triangle$.

Default: **XX**

TUNER SETTING

LOCAL SEEK*	**ON**: Searches only stations with good reception. ; **OFF**: Cancels. • Settings made are applicable only to the selected source/station. Once you change the source/station, you need to make the settings again.
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 if available ("TI" lights up). ; **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.

CLOCK

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

* Only for FM source.

• [**LOCAL SEEK**]/ [**MONO SET**]/ [**NEWS SET**]/ [**REGIONAL**]/ [**AF SET**]/ [**TI**]/ [**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 is turned on.

CD / USB / iPod / ANDROID

Start playback

The source changes automatically and playback starts.

▲ Eject disc   Label side
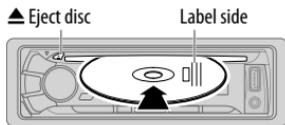
USB input terminal
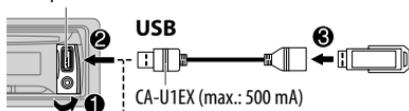
USB
CA-U1EX (max.: 500 mA)
(optional accessory)

iPod/iPhone
(for KDC-364U /
KDC-264UB)

KCA-iP102 / KCA-iP103 (optional accessory)*1 or accessory cable of the iPod/iPhone*2

ANDROID*3

Micro USB 2.0 cable*2
(commercially available)

*1 KCA-iP102 : 30-pin type, KCA-iP103 : Lightning type
*2 Do not leave the cable inside the car when not using.

	KDC-164UR KDC-164UG KDC-164UB
	KDC-131Y KDC-121RY
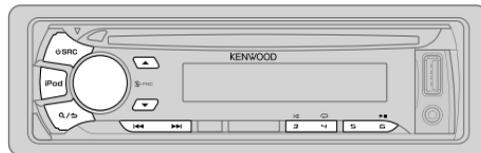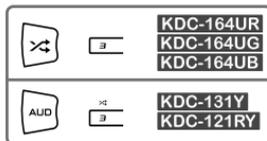
To	On the faceplate	On the remote control
Playback / pause	Press 6 ▶ ‖.	Press ENT ▶ ‖.
Reverse / Fast-forward*4	Press and hold I◄◄ / ►►I.	Press and hold I◄◄ / ►►I (+).
Select a track/file	Press I◄◄ / ►►I.	Press I◄◄ / ►►I (+).
Select a folder*5	Press ▲ / ▼.	Press #FM+ / *AM−.
Repeat play*6	Press 4 ⟲ repeatedly. TRACK REPEAT/ REPEAT OFF : Audio CD FILE REPEAT/ FOLDER REPEAT/ REPEAT OFF : MP3/WMA/WAV file, iPod or ANDROID FILE REPEAT/ REPEAT OFF : KME Light/ KMC file*7	
Random play*6	Press 3 ⤬ or ⤬ repeatedly. DISC RANDOM/ RANDOM OFF : Audio CD FOLDER RANDOM/ RANDOM OFF : MP3/WMA/WAV file, KME Light/ KMC file, iPod or ANDROID Press and hold 3 ⤬ or ⤬ to select ALL RANDOM.*8	
Select control mode (for KDC-364U / KDC-264UB)	While in iPod source, press and hold **iPod**. MODE ON : Control from the iPod*9 MODE OFF : Control from the unit While in ANDROID source, (➜ 8, [ANDROID SETUP])	
Select music drive (➜ 8, [MUSIC DRIVE])	Press 5 repeatedly. The stored songs in the following start playback. • Selected internal or external memory of a smartphone (Mass Storage Class). • Selected drive of a multiple drives device.	

CD / USB / iPod / ANDROID

*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. (➜ **12**)

*4 For ANDROID: Applicable only when [**BROWSE MODE**] is selected. (➜ [**ANDROID SETUP**])

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

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

*7 KME Light : KENWOOD Music Editor Light, KMC : KENWOOD Music Control (➜ **12**)

*8 For CD: Only for MP3/WMA files.

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

Select a file from a folder/list

1   Press Q /⬏.
2   Turn the volume knob to select a folder/list, then press the knob.
3   Turn the volume knob to select a file, then press the knob.

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

For USB (for KME Light/ KMC files):
Press ◄◄ / ►►I to search at a preset skip search ratio. (➜ [**SKIP SEARCH**])
Press and hold ◄◄ / ►►I to search at a 10% ratio.
• Not applicable for CD and MP3/WMA/WAV files.

For iPod:
You can search for a file according to the first character.
1️⃣ Turn the volume knob quickly to enter character search.
2️⃣ Turn the volume knob to select the character.
   To search for a character other than A to Z and 0 to 9, enter only "✳".
3️⃣ Press ◄◄ / ►►I to move to the entry position.
   • You can enter up to 3 characters.
4️⃣ 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. (➜ **7**)
• For ANDROID, applicable only when [**BROWSE MODE**] is selected. (➜ [**ANDROID SETUP**])

Direct Music Search (using RC-406) (for KDC-131Y)

1   Press DIRECT.
2   Press the number buttons to enter a track/file number.
3   Press ENT ►II to search for music.

• To cancel, press ⬏ or **DIRECT**.
• Not available if Random Play is selected.
• Not applicable for iPod, ANDROID, KME Light/ KMC file.

Listen to TuneIn Radio/ TuneIn Radio Pro/ Aupeo (for KDC-364U / KDC-264UB)

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.

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   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**

ANDROID SETUP

BROWSE MODE: Control from the unit (using KENWOOD MUSIC PLAY application). ;
HAND MODE: Control other media player applications from the Android device (without using KENWOOD MUSIC PLAY application). However, you can still play/pause and file skip from the unit.

USB

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

AUX

Preparation:
Select [**ON**] for [**BUILT-IN AUX**]. (➜ 5)

Start listening

1 Connect a portable audio player (commercially available).

Auxiliary input jack

Portable audio player
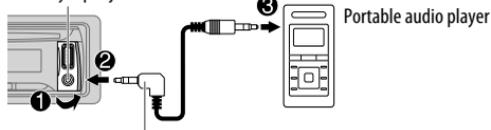
3.5 mm stereo mini plug with "L" shaped
connector (commercially available)

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

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.**

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

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.)

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.**
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: <u>**XX**</u>

COLOR SELECT*1	<u>**VARIABLE SCAN**</u>/ **CUSTOM R/G/B**/ preset colors*2: Selects your preferred key and display illumination color.
	You can create your own color (when [**CUSTOM R/G/B**] or preset colors*2 is selected). The color you have created can stored in [**CUSTOM R/G/B**]. 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*1). ; <u>**OFF**</u>: Cancels.
BRIGHTNESS	**0** — <u>**31**</u>: Selects your preferred brightness level for display illumination (and button illumination*1).
TEXT SCROLL	**AUTO**/ <u>**ONCE**</u>: Selects whether to scroll the display information automatically, or scroll only once. ; **OFF**: Cancels.

*1 For KDC-364U / KDC-131Y .

*2 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**

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.**
   For **KDC-131Y** / **KDC-121RY**, pressing **AUD** enter [**AUDIO CONTROL**] directly.
3. **Turn the volume knob to make a selection (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.**

— (or using RC-406) (for **KDC-131Y**) —

1. **Press AUD to enter [AUDIO CONTROL].**
2. **Press ▲/▼ to make a selection, then press ENT ►❙❙.**

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 (**+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** or **60HZ**/ **80HZ**/ **100HZ**/ **200HZ**: 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**	**0.5K**/ **1.0K**/ **1.5K**/ **2.5K** or **0.5KHZ**/ **1.0KHZ**/ **1.5KHZ**/ **2.5KHZ**: 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**	**10.0K**/ **12.5K**/ **15.0K**/ **17.5K** or **10.0KHZ**/ **12.5KHZ**/ **15.0KHZ**/ **17.5KHZ**: 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 settings.) [**DRIVE EQ**] is a preset equalizer that reduces noise outside the car or running noise of the tyres.
BASS BOOST	**LV1**/ **LV2**/ **LV3** or **LEVEL1**/ **LEVEL2**/ **LEVEL3**: Selects your preferred bass boost level. ; **OFF**: Cancels.
LOUDNESS	**LV1**/ **LV2** or **LEVEL1**/ **LEVEL2**: 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**].)
HPF	(For **KDC-364U**) **THROUGH**: All signals are sent to the speakers. ; **100HZ**/ **120HZ**/ **150HZ**: Audio signals with frequencies higher than 100 Hz/ 120 Hz/ 150 Hz are sent to the speakers.
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	For AUX: −8 to +8 (**0**) ; For other sources: −8 to **0**: 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**].

TROUBLESHOOTING

Symptom		Remedy
General	Sound cannot be heard.	• Adjust the volume to the optimum level. • Check the cords and connections.
	"MISWIRING CHECK WIRING THEN PWR ON" appears.	Turn the power off, then check to be sure the terminals of the speaker wires are insulated properly. Turn the power on again.
	"PROTECTING SEND SERVICE" appears.	Send the unit to the nearest service center.
	• 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**)
Radio	• Radio reception is poor. • Static noise while listening to the radio.	• Connect the antenna firmly. • Pull the antenna out all the way.
CD / USB / iPod	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**)
	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 [**РУССКИЙ**] is selected. (➔ **5**)

Symptom		Remedy
CD / USB / iPod	"NA FILE"	Make sure the disc contains supported audio files. (➔ **12**)
	"NO DISC"	Insert a playable disc into the loading slot.
	"TOC ERROR"	Make sure the disc is clean and inserted properly.
	"PLEASE EJECT"	Reset the unit. If this does not solve the problem, consult your nearest service center.
	"READ ERROR"	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"	Connect a USB device, and change the source to USB again.
	"COPY PRO"	A copy-protected file is played.
	"NA DEVICE"	Connect a supported USB device, and check the connections.
	"NO MUSIC"	Connect a USB device that contains playable audio files.
	"iPod ERROR"	• Reconnect the iPod. • Reset the iPod.
ANDROID	• Sound cannot be heard during playback. • Sound output only from the Android device.	• Reconnect the Android device. • If in [**HAND MODE**], launch any media player application on the Android device and start playback. • If in [**HAND MODE**], relaunch the current media player application or use another media player application. • Restart the Android device. • If this does not solve the problem, the connected Android device is unable to route the audio signal to unit. (➔ **12**)

TROUBLESHOOTING

Symptom	Remedy
ANDROID Cannot playback at [**BROWSE MODE**].	• Make sure KENWOOD MUSIC PLAY APP is installed on the Android device. (➜ **8**) • Reconnect the Android device and make the appropriate setting in [**ANDROID SETUP**]. (➜ **8**) • If this does not solve the problem, the connected Android device does not support [**BROWSE MODE**]. (➜ **About Android device**)
"NO DEVICE" or "READING" keeps flashing.	• Switch off the developer options on the Android device. • Reconnect the Android device. • If this does not solve the problem, the connected Android device does not support [**BROWSE MODE**]. (➜ **About Android device**)
Playback is intermittent or sound skips.	Turn off the power saving mode on the Android device.
"ANDROID ERROR" / "NA DEVICE"	• Reconnect the Android device. • Restart the Android device.

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 (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
• 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.

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.
• For more information and the latest compatible list, see: www.kenwood.com/cs/ce/

SPECIFICATIONS

Tuner	FM	Frequency Range	87.5 MHz — 108.0 MHz (50 kHz space)
		Usable Sensitivity (S/N = 26 dB)	0.71 μV/75 Ω
		Quieting Sensitivity (DIN S/N = 46 dB)	2.0 μV/75 Ω
		Frequency Response (±3 dB)	30 Hz — 15 kHz
		Signal-to-Noise Ratio (MONO)	64 dB
		Stereo Separation (1 kHz)	40 dB
	MW	Frequency Range	531 kHz — 1 611 kHz (9 kHz space)
		Usable Sensitivity (S/N = 20 dB)	28.2 μV
	LW	Frequency Range	153 kHz — 279 kHz (9 kHz space)
		Usable Sensitivity (S/N = 20 dB)	50 μV

CD player	Laser Diode	GaAIAs
	Digital Filter (D/A)	8 times over sampling
	Spindle Speed	500 rpm — 200 rpm (CLV)
	Wow & Flutter	Below measurable limit
	Frequency Response (±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

USB	USB Standard	USB 1.1, USB 2.0	
	File System	FAT12/ 16/ 32	
	Maximum Supply Current	DC 5 V ⎓ 1 A	
	MP3 Decode	Compliant with MPEG-1/2 Audio Layer-3	
	WMA Decode	Compliant with Windows Media Audio	
	WAV Decode	Linear-PCM	

Audio	Maximum Output Power	50 W × 4	
	Full Bandwidth Power	22 W × 4 (at less than 1 % THD)	
	Speaker Impedance	4 Ω — 8 Ω	
	Tone Action	Bass	200 Hz ±8 dB
		Middle	2.5 kHz ±8 dB
		Treble	12.5 kHz ±8 dB
	Preout Level/Load (CD)	2 500 mV/10 kΩ	
	Preout Impedance	≤ 600 Ω	

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

General	Operating Voltage	14.4 V (10.5 V — 16 V allowable)
	Maximum Current Consumption	10 A
	Operational Temperature Range	0℃ — +40℃
	Installation Size (W × H × D)	182 mm × 53 mm × 159 mm
	Weight	1.2 kg

Subject to change without notice.

⚠ 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 ⊖ 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 30º.
- If your vehicle wiring harness does not have the ignition terminal, connect Ignition wire (red) to the terminal on the vehicle's fuse box which provides 12 V DC power supply and is turned on and off by the ignition key.
- Keep all cables away from heat dissipate metal parts.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- If the fuse blows, first make sure the wires are not touching car's chassis, then replace the old fuse with one that has the same rating.

Basic procedure
1. **Remove the key from the ignition switch, then disconnect the ⊖ terminal of the car battery.**
2. **Connect the wires properly.**
   See Wiring connection. (➜ 15)
3. **Install the unit to your car.**
   See Installing the unit (in-dash mounting).
4. **Connect the ⊖ terminal of the car battery.**
5. **Reset the unit. (➜ 3)**

Installing the unit (in-dash mounting)

1

Do the required wiring. (➜ 15)

2

Hook on the top side

Orientate the trim plate as illustrated before fitting.

Dashboard of your car

Bend the appropriate tabs to hold the mounting sleeve firmly in place.
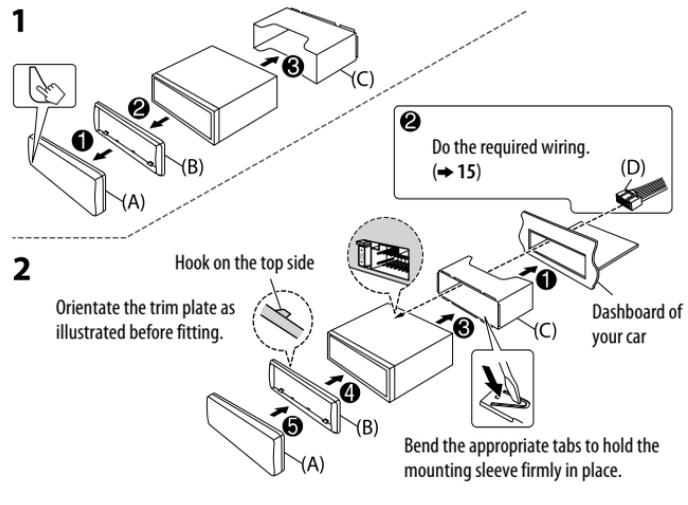
How to remove the unit
1. **Detach the faceplate.**
2. **Fit the catch pin on the extraction keys into the holes on both sides of the trim plate, then pull it out.**
3. **Insert the extraction keys deeply into the slots on each side, then follow the arrows as shown on the right.**

Wiring connection

Antenna terminal

❷

❸ ↑ (D)

Fuse (10 A)

Rear/ Front/ Subwoofer output

Models: KDC-364U · KDC-131Y · KDC-121RY · KDC-264UB · KDC-164UG · KDC-164UR · KDC-164UB

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.

A7 (Red) ← Ignition wire (Red)

Vehicle ← Unit

A4 (Yellow) ← Battery wire (Yellow)

Default wiring

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 ⊖	
B3	Gray ⊕	: Front speaker (right)
B4	Gray/black ⊖	
B5	White ⊕	: Front speaker (left)
B6	White/black ⊖	
B7	Green ⊕	: Rear speaker (left)
B8	Green/black ⊖	

Yellow (Battery wire)

Red (Ignition wire)

Red (A7)

Yellow (A4)

ISO connectors

A8 A6 A4 A2 / A7 A5 A3 A1
B8 B6 B4 B2 / B7 B5 B3 B1

If no connections are made, do not let the wire come out from the tab.

Light blue/yellow
(Steering remote control wire)

STEERING WHEEL REMOTE INPUT
REMOTE CONT

To the steering wheel remote control adapter

Blue/White
(Power control wire/ Antenna control wire)

ANT CONT
P. CONT

To the power control terminal when using the optional power amplifier or to the antenna control terminal in the vehicle

Brown
(Mute control wire)

MUTE

To the terminal that is grounded when the telephone rings or during conversation (➡ 9)
(To connect the Kenwood navigation system, refer your navigations manual.)

Part list for installation

(A) Faceplate

(×1)

(B) Trim plate

(×1)

(C) Mounting sleeve

(×1)

(D) Wiring harness

(×1)

(E) Extraction key

(×2)