KENWOOD

KDC-361U	KDC-161UR	KDC-100Q
KDC-261UB	KDC-161UG	KDC-161URY
KDC-261UR	KDC-130Y	
KDC-161UB	KDC-120RY	

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

JVCKENWOOD Corporation

Designed for
**Windows
Media**™

Made for
☐ iPod ☐ iPhone

i

```
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 слабкого класу. За межами даного апарату не існує небезпеки лазерного випромінювання.

ЕАС **Дата изготовления (месяц/год) находится на этикетке устройства.**
При Правильном соблюдении всех условий эксплуатации и техническких требований, указанных в данной инструкции, срок службы купленного Вам изделия составляет 7 лет. Гарантийный срок эксплуатации изделия соответевует сроку, указанному в гарантийном талоне. В период срока службы эксплуатация и хранение изделия не может представлять опасность для Вашей жизни, здоровья, причинять вред Вашему имуществу или окружающей среде.

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.
- **[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.

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.
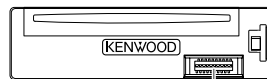
Connector (on the reverse side of the faceplate)

BASICS

Faceplate

Volume knob (turn/press) Loading slot Display window

KENWOOD

Detach button

KDC-361U
KDC-261UB
KDC-261UR

iPod ⤢ ↻ 3 4
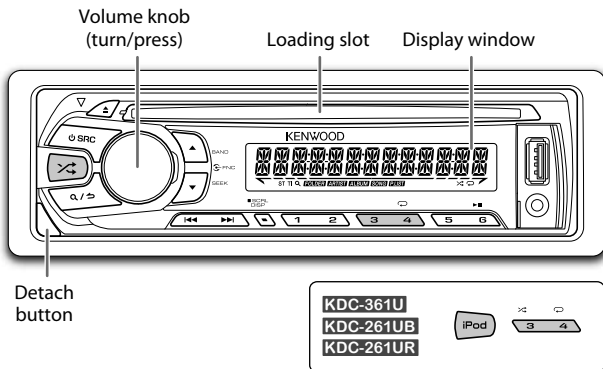
Attach
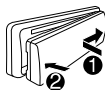
Detach
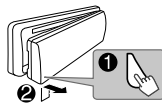
How to reset
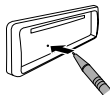
Your preset adjustments will also be erased.

Remote control (RC-406)
(supplied for KDC-130Y)

Remote sensor (Do not expose to bright sunlight.)

* Not used.

Pull out the insulation sheet when using for the first time.
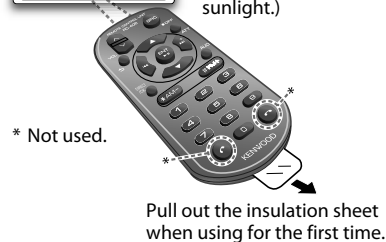
How to replace the battery

CR2025
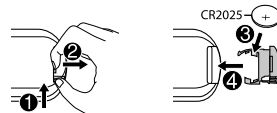
To	Do this (on the faceplate)	Do this (on the remote control)
Turn on the power	Press ⏻ **SRC**. • Press and hold to turn off the power.	Press and hold **SRC** to turn off the power. (Pressing **SRC** does not turn on the power.)
Adjust the volume	Turn the volume knob.	Press **VOL** ⌃ or **VOL** ⌄.
		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
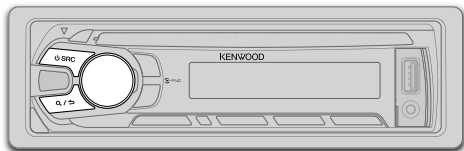
1 Select the display language and cancel the demonstration

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.**

— (or) —

1 Press and hold **DISP SCRL** to enter clock adjustment mode directly while in clock display screen.
2 Turn the volume knob to make the settings, then press the knob.
   Day ➔ Hour ➔ Minute

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

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	(Except for KDC-100Q) **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**/ **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-361U/ KDC-130Y) **ON**: Both display and button illumination change to white color when entering [FUNCTION]. ; **OFF**: Both display and button illumination remain as [COLOR SELECT] color. (➔ 10)
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.
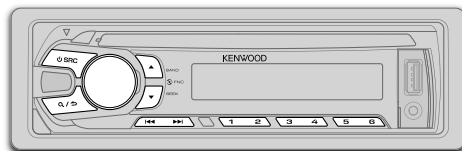
SYSTEM	
KEY BEEP	**ON**: Activates the keypress tone. ; **OFF**: Deactivates.
SOURCE SELECT	
BUILT-IN AUX	**ON**: Enables AUX in source selection. ; **OFF**: Disables. (➜ **8**)
RUSSIAN SET	Selects the display language for **[FUNCTION]** menu and Tag information (folder name, file name, song title, artist 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 turns 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	
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/

Search for a station

1 Press **⏻ SRC** to select TUNER.
2 Press **▲ BAND** repeatedly (or press **∗AM‒ / #FM+** 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: Automatically 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-130Y)

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.

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 **🔍 /⮌** to exit.

To return to the previous setting item or hierarchy, press **🔍 /⮌**.

CD / USB / iPod

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**].) (➜ 4)
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.

CLOCK

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

- Except for KDC-100Q:
[**LOCAL SEEK**]/ [**MONO SET**]/ [**NEWS SET**]/ [**REGIONAL**]/ [**AF SET**]/ [**TI**]/ [**PTY SEARCH**] is selectable only when the band is FM1/ FM2/ FM3.
- For KDC-100Q:
[**LOCAL SEEK**]/ [**MONO SET**]/ [**NEWS SET**]/ [**REGIONAL**]/ [**AF SET**]/ [**TI**]/ [**PTY SEARCH**] is selectable only when the band is FM1/ FM2.
When the band is FM3, [**LOCAL SEEK**] can only be selected.
- 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.

Start playback

The source changes automatically and playback starts.

CD

▲: Eject disc   Label side

USB

USB input terminal

CA-U1EX (max.: 500 mA) (optional accessory)
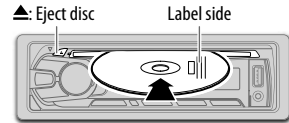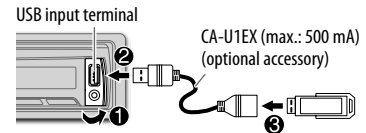
iPod/iPhone (for KDC-361U / KDC-261UB / KDC-261UR)

USB input terminal

KCA-iP102 (optional accessory)
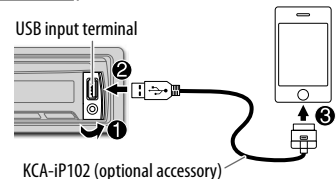
Press and hold iPod to select the control mode while in iPod source.
MODE ON: From the iPod. (➜ 7, *1)
MODE OFF: From the unit.

KDC-361U			
KDC-261UB	iPod	3 4	
KDC-261UR			

To	Do this
Pause or resume playback	Press **6 ▶ ΙΙ** (or press **ENT ▶ ΙΙ** on RC-406).
Select a track/file	Press **Ι◀◀ / ▶▶Ι** (or press **Ι◀◀ / ▶▶Ι (+)** on RC-406).
Select a folder *²	Press **▲ / ▼** (or press ***AM– / #FM+** on RC-406).
Reverse/ Fast-forward	Press and hold **Ι◀◀ / ▶▶Ι** (or press and hold **Ι◀◀ / ▶▶Ι (+)** on RC-406).
Repeat play *³	Press **4 ⟲** repeatedly. • 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 (➜ **10**): FILE REPEAT, REPEAT OFF
Random play *³	Press **3 ⤨** or **⤨** repeatedly. • Audio CD: DISC RANDOM, RANDOM OFF • MP3/WMA/WAV file or iPod or KME Light/ KMC file: FOLDER RANDOM, RANDOM OFF Press and hold **3 ⤨** or **⤨** to select "ALL RANDOM". *⁴

*¹ You can still play/pause, file search, fast-forward or reverse files from the unit.

*² Only for MP3/WMA/WAV files. This does not work for iPod.

*³ **For iPod:** Applicable only when **[MODE OFF]** is selected.

*⁴ **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, 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. (➜ **6**)

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 **Ι◀◀ / ▶▶Ι**.

• See also "Set the skip search ratio." (➜ **8**)
• Pressing and holding **Ι◀◀ / ▶▶Ι** 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.

AUX

Direct Music Search (using RC-406) (for KDC-130Y)

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

• To cancel, press ▲.
• Not available if Random Play is selected.
• Not applicable for iPod, KME Light/ KMC file.

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**]

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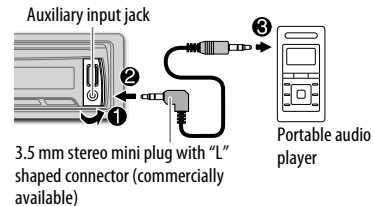
2 Press ϕ SRC to select AUX.
3 Turn on the portable audio player and start playback.

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.

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

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.**

--- (or using RC-406) ---

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

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].
* Except for KDC-100Q.

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]**.
	1. Press and hold the volume knob to enter the detailed color adjustment.
	2. Press I◀◀ / ▶▶I 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-361U**/ **KDC-130Y**.

10

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
- To connect devices featuring Lightning connector, both KCA-iP102 (optional accessory) and Apple Lightning to 30-pin Adapter (accessory of the iPod/iPhone) are required.
  Do not leave the Apple Lightning to 30-pin Adapter inside the car to prevent damages caused by the hot temperature.
- You cannot operate iPod if "KENWOOD" or "✔" is displayed on iPod.

TROUBLESHOOTING

Symptom	Remedy
Sound cannot be heard.	• 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.
• 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 reception is poor. • Static noise while listening to the radio.	• Connect the antenna firmly. • Pull the antenna out all the way.
"NA FILE" appears.	Make sure the disc contains supported audio files. (➜ 10)
"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)
"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.

Symptom	Remedy
"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.	• 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)

Muting upon the reception of a phone call
Connect the MUTE wire to your telephone using a commercial telephone accessory. (➜ 13, 14)

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.)

⚠ 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.
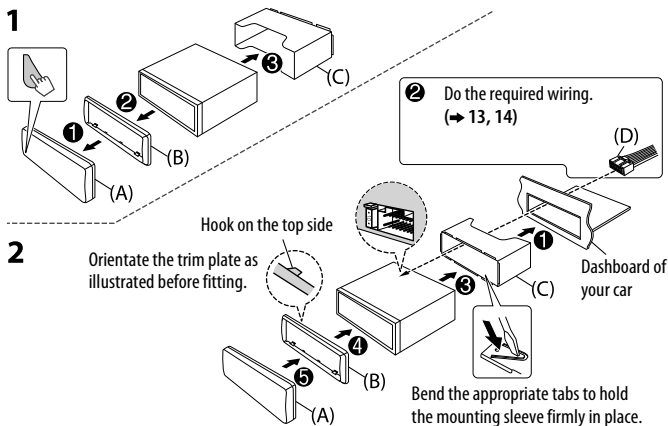
⚠ Caution

- 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.
- 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. (➜ 13, 14)
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

❷ Do the required wiring. (➜ 13, 14)

2 Orientate the trim plate as illustrated before fitting.

Hook on the top side

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.**
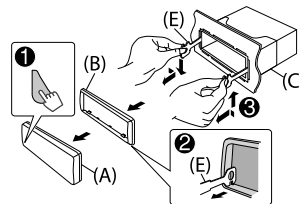
Wiring connection (except for KDC-100Q)

KDC-361U KDC-161UB KDC-161URY
KDC-261UB KDC-161UR
KDC-261UR KDC-161UG

REAR/SW R L Rear/subwoofer output

KDC-130Y
KDC-120RY

FRONT R L Front output
REAR/SW R L Rear/subwoofer output

Antenna terminal

Fuse (10 A)

(D)

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

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

Yellow (Battery wire)
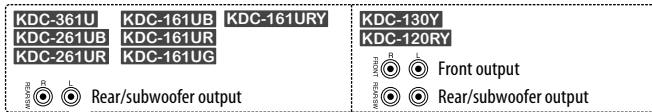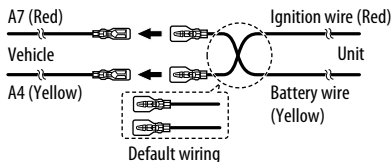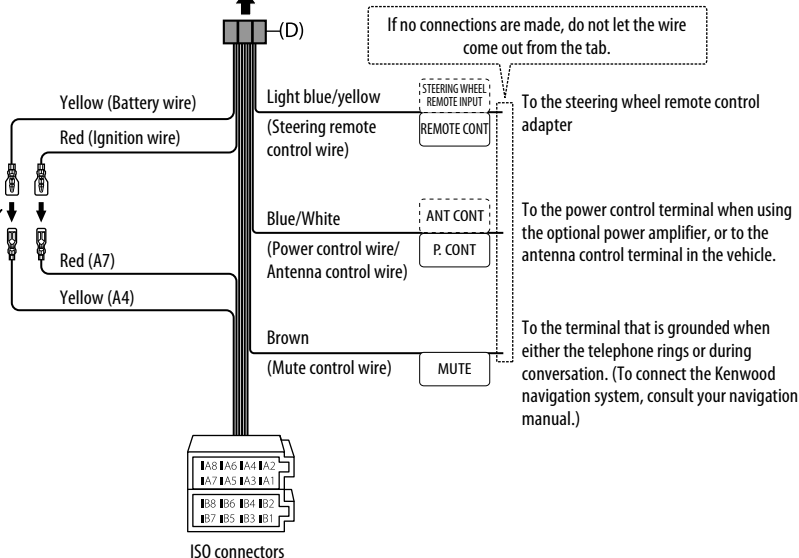
Red (Ignition wire)

Red (A7)

Yellow (A4)

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 either the telephone rings or during conversation. (To connect the Kenwood navigation system, consult your navigation manual.)

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

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

ISO connectors

Wiring connection (for KDC-100Q)

Antenna terminal

Fuse (10 A)

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

(D)

To front speaker (left)
⊕ White
⊖ White/Black

To front speaker (right)
⊕ Gray
⊖ Gray/Black

To rear speaker (left)
⊕ Green
⊖ Green/Black

To rear speaker (right)
⊕ Purple
⊖ Purple/Black

Blue/White
(Power control wire) 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.
(To connect the Kenwood navigation system, refer your navigations manual.)

Blue
(Antenna control wire) ANT CONT

To the antenna control terminal in the vehicle

Ignition switch

Car fuse box

ACC

Red
(Ignition wire)

Yellow
(Battery wire)

Car fuse box

Black (Ground wire)

To the metallic body or chassis of the car

Battery

Part list for installation

(A) Faceplate
(×1)
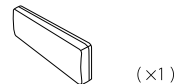
(B) Trim plate
(×1)
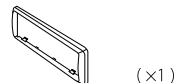
(C) Mounting sleeve
(×1)
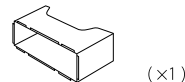
(D) Wiring harness (except for KDC-100Q)
(×1)

(for KDC-100Q)
(×1)

(E) Extraction key
(×2)

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SPECIFICATIONS

Tuner			
	FM	Frequency Range	Except for KDC-100Q : FM1/ FM2/ FM3: 87.5 MHz — 108.0 MHz (50 kHz space) For KDC-100Q : FM1/ FM2: 87.5 MHz to 108.0 MHz (50 kHz space) FM3: 65.00 MHz to 74.00 MHz (30 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	GaAlAs
	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 Seperation	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 (Full speed)
	Maximum Supply Current	DC 5 V === 1 A
	File System	FAT12/16/ 32
	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	
	Output Power (DIN 45324, +B = 14.4 V)	30 W × 4	
	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)	Except for KDC-100Q : 2 500 mV/10 kΩ	
	Preout Impedance	≤ 600 Ω	

Auxiliary		
	Frequency Response (±3 dB)	20 Hz — 20 kHz
	Input Maximum Voltage	1 200 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	0ºC — +40ºC
	Installation Size (W × H × D)	182 mm × 53 mm × 159 mm
	Weight	1.2 kg

Subject to change without notice.