KENWOOD

KDC-PS9060R
KDC-8060R
KDC-7060R

CD-RECEIVER

INSTRUCTION MANUAL

KENWOOD CORPORATION

©B64-1181-00 (EW)

COMPACT disc DIGITAL AUDIO

English

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⚠WARNING

To prevent injury and/or fire, take the following precautions:

- Insert the unit all the way until it is fully locked in place. Otherwise it may fly out of place during collisions and other jolts.
- When extending the ignition, battery or ground cables, make sure to use automotive-grade cables or other cables with an area of 0.75mm² (AWG18) or more to prevent cable deterioration and damage to the cable coating.
- To prevent short circuits, never put or leave any metallic objects (e.g., coins or metal tools) inside the unit.
- If the unit starts to emit smoke or strange smells, turn off the power immediately and consult your Kenwood dealer.
- Make sure not to get your fingers caught between the faceplate and the unit.
- Be careful not to drop the unit or subject it to strong shock.

  The unit may break or crack because it contains glass parts.
- Do not touch the liquid crystal fluid if the LCD is damaged or broken due to shock. The liquid crystal fluid may be dangerous to your health or even fatal.

  If the liquid crystal fluid from the LCD contacts your body or clothing, wash it off with soap immediately.

⚠CAUTION

To prevent damage to the machine, take the following precautions:

- Make sure to ground the unit to a negative 12V DC power supply.
- Do not open the top or bottom covers of the unit.
- Do not install the unit in a spot exposed to direct sunlight or excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
- Do not subject the faceplate to excessive shock, as it is a piece of precision equipment.
- When replacing a fuse, only use a new one with the prescribed rating. Using a fuse with the wrong rating may cause your unit to malfunction.
- To prevent short circuits when replacing a fuse, first disconnect the wiring harness.
- Do not place any object between the faceplate and the unit.
- During installation, do not use any screws except for the ones provided. The use of improper screws might result in damage to the main unit.

IMPORTANT INFORMATION

You cannot connect the unit directly to the following CD automatic changers. For users who want to use older changers with the unit, follow the directions below according to the type of changer you own:

- **KDC-C200 / KDC-C300 / KDC-C400**

  Use the extension cable and the control box attached to the CD changer, and the optional CA-DS100 converter cable.
- **KDC-C301 / KDC-C600 / KDC-C800 / KDC-C601 / KDC-C401**

  Use the extension cable attached to the CD changer, and the optional CA-DS100 converter cable.
- **KDC-C100 / KDC-C302 / C205 / C705 / non-Kenwood CD changers**

  Cannot be used with this model.

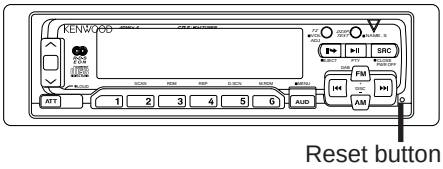
⚠CAUTION

You can damage both your unit and the CD changer if you connect them incorrectly.

Safety precautions

NOTE

- If you experience problems during installation, consult your Kenwood dealer.
- If the unit fails to operate properly, press the RESET button. When the faceplate is not visible, press "the touch-sensitive spot" at the rear of the faceplate (as illustrated on p.9) to make the faceplate control appear. The unit returns to factory settings when the RESET button is pressed. If the unit still fails to operate properly after the RESET button has been pressed, contact your local KENWOOD dealer for assistance.
- Press the reset button if the CD auto changer is first controlled and operates incorrectly. The original operating condition will return.



Reset button

- We strongly recommend the use of the Code Security function (see p.33) to prevent theft.

Cleaning the Unit

If the front panel gets dirty, turn off the power and wipe the panel with a dry silicon cloth or soft cloth.

⚠CAUTION

Do not wipe the panel with a stiff cloth or a cloth dampened by volatile solvents such as paint thinner and alcohol. They can scratch the surface of the panel and/or cause the indicator letters to peel off.

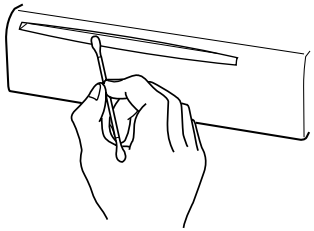
The marking of products using lasers (Except for some areas)

CLASS 1
LASER PRODUCT

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.

Cleaning the CD Slot

As dust can accumulate in the CD slot, clean it occasionally. Your CDs can get scratched if you put them in a dusty CD slot.



Lens Fogging

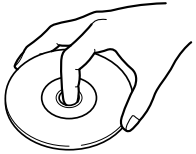
Right after you turn on the car heater in cold weather, dew or condensation may form on the lens in the CD player of the unit. Called lens fogging, CDs may be impossible to play. In such a situation, remove the disc and wait for the condensation to evaporate. If the unit still does not operate normally after a whilst, consult your Kenwood dealer.

Handling Compact discs

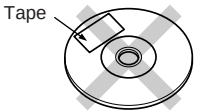
Playing a CD that is dirty, scratched or warped can cause the sound to skip and the unit to operate incorrectly, resulting in worsened sound quality. Take the following precautions to prevent your CDs from getting scratched or damaged.

Handling CDs

- Do not touch the recorded side of the CD (i.e., the side opposite the label) when holding it.



- Do not stick tape on either side of the CD.

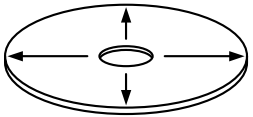


Storing CDs

- Do not store CDs in areas exposed to direct sunlight – such as a car seat or above the fascia panel (dashboard) – or other hot places.
- Remove CDs from the unit when not listening to them for a whilst, and put them back in their cases. Do not stack CDs that have been removed from their cases or prop them against something.

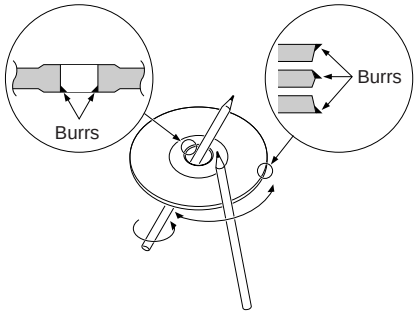
Cleaning CDs

If a CD has become dirty, wipe it off gently using a commercially available cleaning cloth or a soft cotton cloth, starting from the centre of the disc and moving outward. Do not clean CDs with conventional record cleaners, anti- static formulas, or chemicals such as paint thinner or benzene.



Checking New CDs for Burrs

When playing a new CD for the first time, check that there are not any burrs stuck to the perimeter of the disc or in the central hole. CDs with burrs stuck on them may not load properly or may skip whilst playing. Remove burrs using a ballpoint pen or a similar utensil.

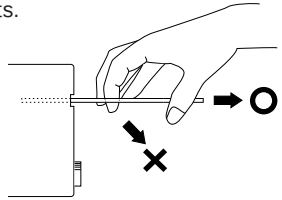


Do Not Load CD Accessories in Slot

Do not use commercially available CD accessories that can be loaded into the CD slot, such as stabilisers, protective sheets, or CD cleaning discs, since they can cause the unit to malfunction.

Removing the CD

Only remove the CD from the machine in a horizontal direction. You may damage the surface of the CD if you try pulling it down as it ejects.



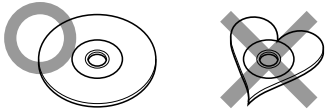
⚠CAUTION

Do Not Load 8-cm (3-in.) CDs in the CD slot

If you try to load an 8-cm CD with its adapter into the unit, the adapter might separate from the CD and damage the unit.

Do Not Use Special Shape CDs

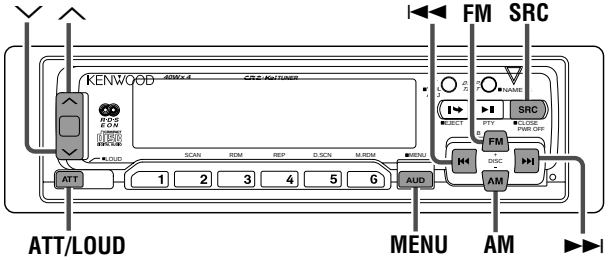
- Be sure to use round shape CDs only for this unit and do not use any special shape CDs. Use of special shape CDs may cause the unit to malfunction.



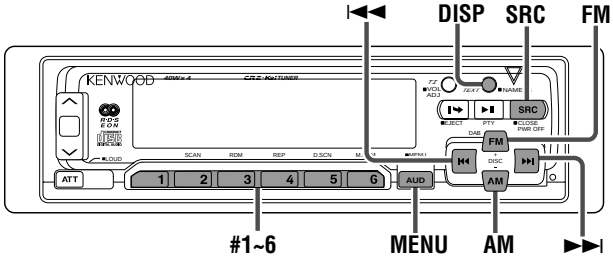
- Be sure to use CDs with disc mark only for this unit.

Buttons and Display

Basic operations

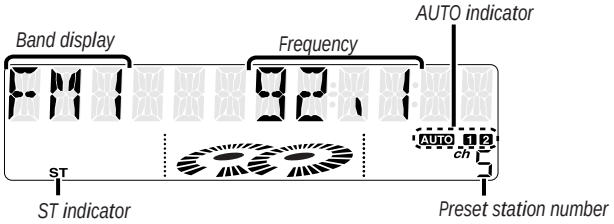


Tuner features

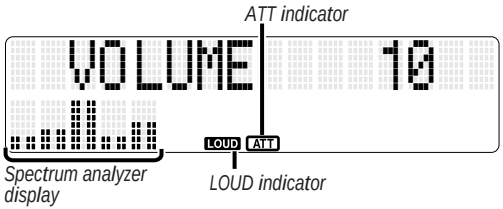


for KDC-8060R/7060R

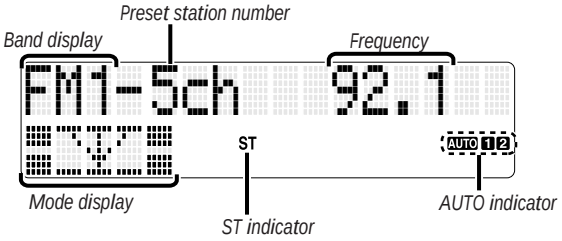
for KDC-8060R/7060R



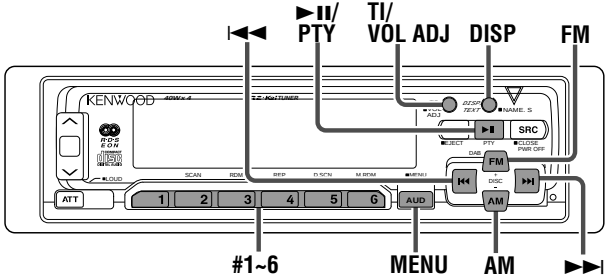
for KDC-PS9060R



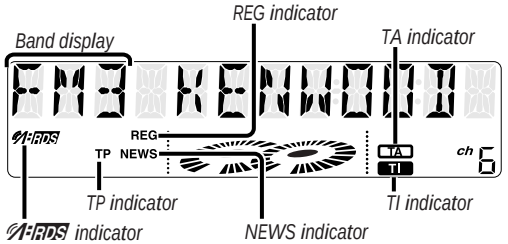
for KDC-PS9060R



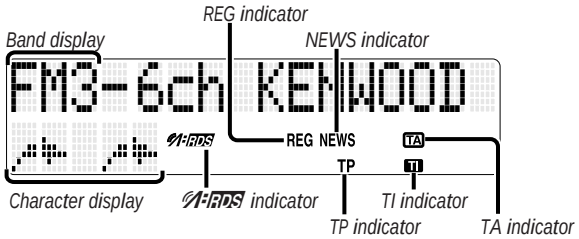
RDS features



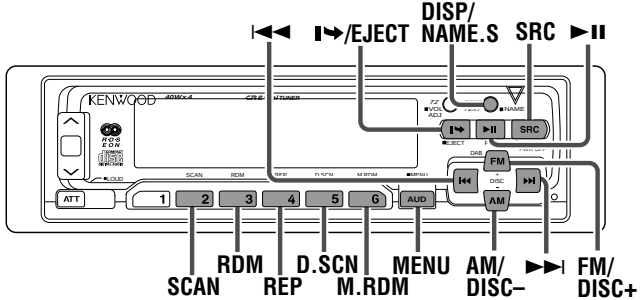
for KDC-8060R/7060R



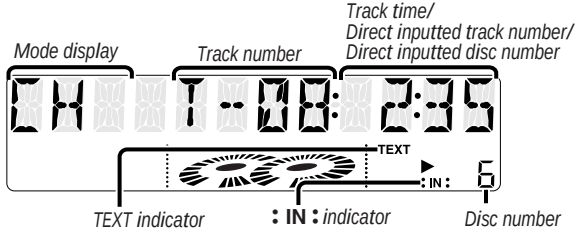
for KDC-PS9060R



Disc control features



for KDC-8060R/7060R



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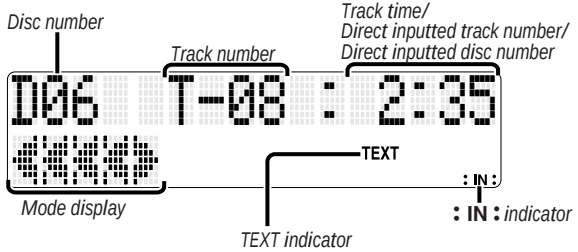
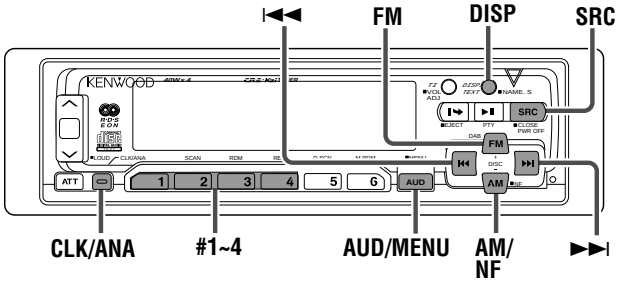
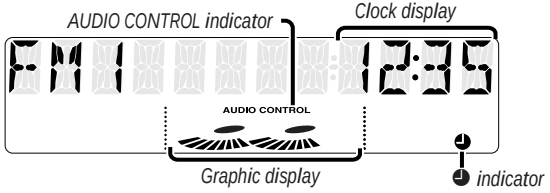


Buttons and Display

Other features



for KDC-8060R/7060R



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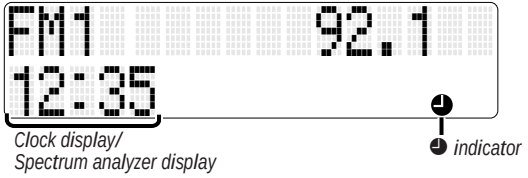
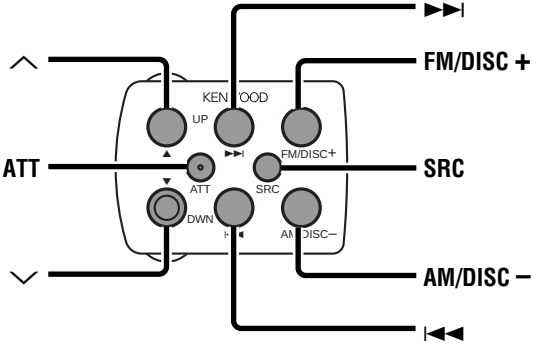


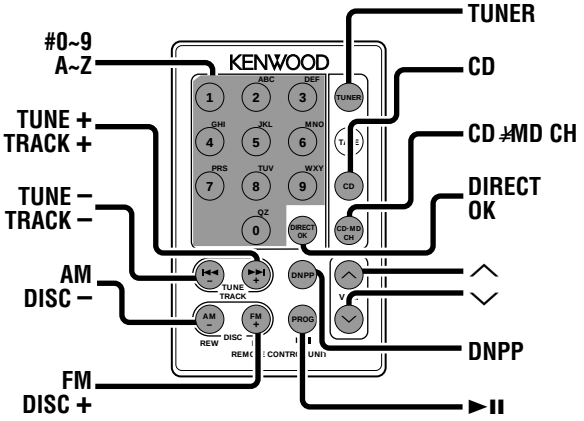
Steering remote control

Optional for the KDC-7060R



Remote control

Optional



Stealth Retraction Mechanism

You can help prevent theft of the unit by reversing the faceplate so that the control panel cannot be seen, hiding the unit, and shutting off the audio.

Power ON/OFF:

When you turn your vehicle's ignition on, the unit's power will also turn on, with the faceplate reversing to show the control panel.

When you turn your vehicle's ignition off, the faceplate will reverse to hide the control panel, and the unit's power will turn off.

NOTE

- When the moving faceplate is hit by an object, it will stop and return to its original state. Remove the object and repeat the action.
- The status of the Code Security Function (P.33) is displayed whenever the power is switched on.
  "CODE ON" (Code Security has been registered)
  "CODE OFF" (Code Security has not been registered)

⚠CAUTION Using the Unit in Vehicles with Covered Consoles

- Make sure the console is uncovered whilst the faceplate is reversed.
- Do not exert any excess force on the movable parts of the unit, including the faceplate, as it can cause failure in the unit's mechanism.

Hiding the unit with the ignition turned on (forced closing):

Hold down the SRC button for one second or more.

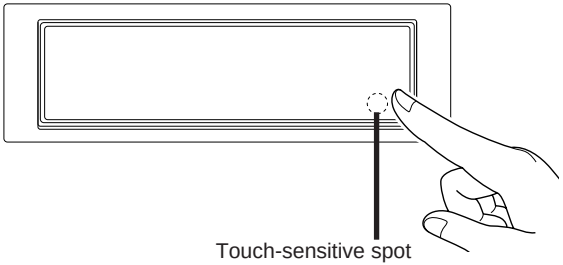
The faceplate will reverse, hiding the unit. The unit will turn off.

NOTE

- When the closing faceplate is hit by an object, the unit will turn off without the faceplate closing all the way. Remove the object and press the SRC button to turn the unit back on, then turn it off again to make it close properly.
- Whilst the control panel is moving, pressing the buttons will not have any effect. Do not try to press the buttons on the control panel as the faceplate is moving, as excessive force may damage the unit.
- During the forced closing of the unit (i.e., having the unit left closed whilst ignition is turned on), the faceplate will not open no matter how often the ignition is turned on or off, unless "the touch-sensitive spot" at the rear of the faceplate is pressed in order to open it. You can prevent tampering of the unit when letting someone else drive your car by keeping it closed this way.

To cancel the stealth retraction mechanism's forced closing of unit and open control panel:

Press "the touch-sensitive spot" at the rear of the faceplate. (as illustrated)



NOTE Touch-sensitive spot

The invisible switch is hiding behind the touch-sensitive spot. Press the hollow spot (invisible switch) to open.

Basic operations *(See page 6)*

Switching Modes

Switching Modes:

Each time you press the SRC button, the mode switches as follows:

Tuner mode
▼
CD mode
▼
Disc control mode

NOTE

- The mode switches to the next mode from any mode which cannot be used.
- The disc control mode will differ depending on the unit that is connected.

Volume

Increasing Volume:

Press the ∧ button to turn up the volume.

Decreasing Volume:

Press the ∨ button to turn down the volume.

Attenuator

This function allows you to turn down the volume quickly.

Turning Attenuator On/Off:

Press the ATT button to switch the attenuator on and off.
When the attenuator is on, the ATT indicator blinks.
When the attenuator is off, the volume returns to the original level.

NOTE

Turning down the volume all the way turns off the attenuator function.

Loudness

This function amplifies low and high tones when the volume is turned down.
The LOUD indicator lights up, when the loudness function is on.

Turning Loudness On/Off:

Hold down the LOUD button for one second or more to switch the loudness on and off.

Menu System

To accommodate a greater number of functions, a menu system has been employed for making settings. Press the MENU button to enter the menu mode and then display the function to make the setting. Details on each setting are explained separately in the corresponding function page.

1 Hold down the MENU button for one second or more.
"MENU" is displayed when the menu mode is entered.
The function that you can adjust is indicated with the current settings displayed.

2 ***Selecting function to set***

Press the ►►I button to search through the functions until you see the one you want to adjust in the display.
Press the I◄◄ button to search through the functions backward.
Example: If you want to switch the tuning mode from AUTO1 to manual, first search through the functions until you see "AUTO 1" in the display.

MENU AUTO 1	AUTO 1
for KDC-PS9060R	for KDC-8060R/7060R

3 ***Changing setting for currently displayed function***

Press either the AM or FM button.
The setting will change for each function.
Example: The tuning mode will switch from AUTO 1 to AUTO 2. Pressing the button again switches the setting to manual, and "MANUAL" is displayed.

AUTO 2 → MANUAL

4 ***Ending the menu mode***

Press the MENU button.

NOTE

- Make sure to end the menu mode when finished.
  If you fail to end the menu mode, several functions may not operate properly, including the Traffic Information function, the News Bulletin function with PTY news timeout setting, and the Alarm function.
- The News function turns on when the setting is made for the news interruption interval. The "##MIN" display indicates the setting selected for the news interruption timeout interval.
- The "##" display indicates the setting value.

Function	Varieties of settings for each function (display)
Switching Clock Display	CLOCK ON ↔ CLOCK OFF
Time Adjustment (Manual) <When Automatic Time Adjustment is off>	CLOCK ADJST (Time adjustment mode entered)
Automatic Time Adjustment	SYNC ON ↔ SYNC OFF
Security mode	SECURITY
Selectable Illumination	COLOR GREEN ↔ COLOR AMBER
Contrast Adjustment	CONTRAST ## (KDC-PS9060R Only)
Switching Graphic Display	GRAPHIC ON ↔ GRAPHIC OFF (KDC-8060R/7060R Only)
Touch Sensor Tone	BEEP ON ↔ BEEP OFF
Switching Preout	SWPRE FRONT ↔ SWPRE N-FAD (KDC-PS9060R Only)
News Bulletin Function	NEWS OFF ↔ NEWS ##MIN
Local seek <In Tuner mode>	LOCAL.S OFF ↔ LOCAL.S ON
Selecting Tuning Mode <In Tuner mode>	AUTO1 → AUTO2 → MANUAL
Auto Memory Entry <In Tuner mode>	AUTO-MEMORY (start)
AF Function <Except in AM band>	AF ON ↔ AF OFF
Region Restrict Function <Except in AM band>	REG ON ↔ REG OFF
Auto TP Seek <Except in AM band>	ATPS ON ↔ ATPS OFF
Monaural Reception <In FM reception of Tuner mode>	MONO OFF ↔ MONO ON
Text Scroll <In CD or Disc changer mode>	SCROLL MANU ↔ SCROLL AUTO

Tuner features *(See page 6)*

K2I (Kenwood Intelligent Twin IF)

When the frequency of another station is too close to that of the station currently being listened to, interfering with proper reception, this function automatically narrows the range of received frequencies to prevent such interference.

Selecting Tuning Mode

You can choose from three tuning modes: auto seek, preset station seek, and manual. The “AUTO 1” indicator lights up when auto seek tuning is selected, and the “AUTO 2” indicator lights when preset station seek tuning is selected.

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until the tuning function appears in the display.
Press the I◄◄ button to search in the other direction.
The tuning method is displayed as ”AUTO 1“, ”AUTO 2“, or ”MANUAL“ referring respectively to auto seek tuning, preset station seek tuning, and manual tuning.

3 ***Switching settings***
Press either the AM button or FM button to switch the tuning mode.
The display and setting will change.

4 Press the MENU button to end the menu mode.

Tuning

1 Press the SRC button repeatedly until the tuner mode is obtained. "TUNER" is displayed only when the tuner mode is selected.

2 Press either the FM or AM button to select the band.
Each time you press the FM button, the band switches between the FM1, FM2 and FM3.
Press the AM button to select the MW and LW bands.

3 • Auto Seek Tuning
Press the ►►I button to seek increasing frequencies.
Press the I◄◄ button to seek decreasing frequencies.
• Preset station seek tuning
Press the ►►I button to move to the next preset station (i.e., the one with the next highest number), and the I◄◄ button to move to the last preset station (i.e., the one with the next lowest number).

NOTE

If the frequencies stored at the preset numbers receive stations which were not originally memorized when traveling long distances, the preset number is not displayed. In such cases, pressing the I◄◄/►►I button to use preset station seek will receive channel 1.

• Manual Tuning
Press the ►►I button to increase the frequency by one step.
Press the I◄◄ button to decrease the frequency by one step.

NOTE

The ST indicator lights up when stereo broadcasts are being received.

Local Seek Function

With the local seek function turned on, auto seek tuning skips stations with relatively poor reception.

Turning Local Seek Function On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the local seek function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "LOCAL.S ON" or "LOCAL.S OFF" in the display, indicating that the local seek function is on or off, respectively.
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
4. Press the MENU button to end the menu mode.

Monaural Reception

When poor stereo reception is experienced, this function will reduce noise and improve listening conditions.

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the monaural reception function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "MONO ON" or "MONO OFF" in the display, indicating that monaural reception is on or off, respectively.
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
4. Press the MENU button to end the menu mode.

Switching Display for Tuner (non-RDS station)

Switching the Display:

Each time you press the DISP button, the display switches between the frequency and clock.

NOTE

- When the switching clock display (P.31) is set to off, the display will not switch to the clock display.
- The ◕ indicator lights whilst the clock is displayed.

Station Preset Memory

Store the frequency of the station currently being listened to. You can then recall that station with a single touch of a button.

1. Select the band/ station that you want to have stored.
2. Hold down the button (#1-6) that you want to use for the station, for two seconds or more.
   The button number blinks once in the display to indicate that the data has been stored.

Recalling a Preset Station:

Press the preset station button (#1-6) for the desired station.
The number of the recalled station is displayed.

NOTE

You can store 6 stations in each of the FM1, FM2, FM3, and AM (MW and LW) bands.

Tuner features *(See page 6)*

Auto Memory Entry

You can automatically store all the receivable frequencies in the band currently being listened to, and then recall them with the touch of a button later. This function is especially useful when you are travelling and do not know what stations are available. Up to 6 frequencies can be stored this way.

1. Select the band for auto memory entry.
2. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
3. Press the ►►I button repeatedly until "AUTO-MEMORY" appears in the display.
   Press the I◄◄ button to search in the other direction.
4. Hold down either the AM button or FM button for two seconds or more to start auto memory function.
   The numbers of the preset station buttons showed in order. When all the stations in a certain band are stored in the preset memory, the auto memory entry stops. The tuner then plays the last station received.

Recalling a Preset Station:

Press the preset station button (#1-6) for the desired station. The number of the recalled station is displayed.

NOTE

- When the AF function is turned on whilst auto memory entry takes place, only RDS stations (i.e., stations with RDS capability) are stored. RDS stations that have been preset for FM1 cannot also be preset in FM2 or FM3.
- When the local seek function is turned whilst auto memory entry takes place, stations with poor reception are not stored.
- When the Traffic Information function is on , only the local traffic information station frequency will be stored.

Cancelling Auto Memory Entry During Its Operation:

Press the MENU button whilst auto memory entry is taking place to stop the process.

Function of remote control with number/letter entry buttons (See page 8)

Direct Access Tuning

When you already know the frequency of the station that you want to listen to, you can enter it directly for quick access.

1. Select the band by pressing the FM or AM button.
2. Press the DIRECT button.
   The frequency part of the display blinks for 10 seconds. If you make no input in the 10-second period, direct access tuning is automatically cancelled.
3. Enter the frequency of the desired station whilst the display is blinking.
   If you want to listen to an FM station at 92.1 MHz, for example, press 0, 9, 2, and 1.
   If you want to listen to an AM station at 810 kHz, for example, press 0, 8, 1, and 0.

NOTE

- When a frequency which cannot be received is input, this frequency is not verified and operation returns to the original frequency input mode.
- FM frequencies can only be input in 0.1 MHz steps, and not in 0.01 steps.

Cancelling Direct Access Tuning:

Press the DIRECT button again.

Function of remote control with DNPP button (See page 8)

Preset station seek with Programme service name

You can search for the preset station with Programme Service name.

1 Press the DNPP button on the remote control.
"SNP PLAY" will be displayed once the seek mode is entered.
The names of the stations preset in the band currently listened to are displayed for 5 seconds each.
The display band switches in the following order:

→ FM1 ↔ FM2 ↔ FM3 ↔ AM ↩

Each time you press the TUNE+ button, the station display switches in the forward direction.
Each time you press the TUNE− button, the station display switches in the reverse direction.
Stations which have no names will be displayed as frequencies.

NOTE Changing the Displayed Band

Pressing the FM button switches between the FM1, FM2, FM3 and AM displays, in that order.
Pressing the AM button switches between the displays in the reverse direction.

2 ***Once the name is displayed for the station you want to listen to***
Press the OK button.
Reception starts of the displayed station, and the seek mode ends.

Cancelling mode during input:
Press the DNPP button.
The seek mode is cancelled.

RDS features *(See page 7)*

RDS (Radio Data System)

RDS is a digital information system that lets you receive signals besides those of regular radio programmes, such as network information being transmitted from radio stations. When listening to an RDS station (ie, a station with RDS capability), the programme service name of the station is displayed along with the frequency, advising you quickly which station is being received.
RDS (Radio Data System) stations also transmit frequency data for the same station. When you are making long trips, this function automatically switches to the particular frequency with the best reception for the particular network of stations that you want to listen to. The data is automatically stored, allowing you to switch quickly to another RDS stations, broadcasting the same programme, that has better reception. These include stations stored in the station preset memory that you often listen to.

EON (Enhanced Other Network)

Stations that offer EON also transmit information about other RDS stations that have traffic information. When you are tuned to a station that is not transmitting traffic information, but another RDS station starts transmitting a traffic bulletin, the tuner automatically switches to the other station for the duration of the bulletin.

Alarm

When an emergency transmission (announcing disasters, etc.) is sent, all current functions are interrupted to allow the warning to be received.

RDS features (See page 7)

AF (Alternative Frequency) Function

When poor reception is experienced, automatically switch to another frequency broadcasting the same programme in the same RDS network with better reception.
The *A.RDS* indicator lights up when the AF function is turned on.

Turning AF Function On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the AF function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "AF ON" or "AF OFF" in the display, indicating that the AF function is on or off, respectively.
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
4. Press the MENU button to end the menu mode.

Displaying Frequencies:

- When the Switching Clock Display function is OFF, and for KDC-PS9060R:
  Press the DISP button.
- When the Switching Clock Display function is ON:
  Hold down the DISP button for one second or more.

The frequency for the RDS station will be displayed for five seconds instead of the station name.

NOTE

When no other stations with stronger reception are available for the same programme in the RDS network, you may hear the incoming broadcast in bits and snatches. Turn off the AF function in such a case.

Restricting RDS Region (Region Restrict Function)

You can choose whether or not to restrict the RDS channels, received with the AF function for a particular network, to a specific region. When the Region Restrict Function is on, the region is restricted and the REG indicator is turned on.

Turning Region Restrict Function On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the Region restrict function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "REG ON" or "REG OFF" in the display, indicating that the function is on or off, respectively.
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
4. Press the MENU button to end the menu mode.

NOTE

Sometimes stations in the same network broadcast different programmes or use different programme service names.

Traffic Information Function

You can listen to traffic information. If you are listening to tapes or discs, they will continue playing until a traffic bulletin is broadcast.

Turning TI function On/Off:

Press the TI button to turn the function on and off.
When the function is on, the TI indicator is turned on.
When a traffic information station is being received, the TP indicator will turn on. When none is being received, the TI indicator will blink on and off.
When a traffic bulletin begins to be broadcast, the TA indicator will turn on, and reception will begin at the preset volume.

If you are listening to a tape or disc when a traffic bulletin begins, they will automatically be turned off. When the bulletin ends or poor reception is experienced, the tape or disc will begin playing again.

NOTE

Pressing the TI button whilst in the MW/LW band automatically switches reception to the FM band. However, the MW/LW band is not returned to when the TI button is pressed again.

Switching to a Different Traffic Information Station:

Use the ⏮ / ⏭ buttons to make an auto seek of the TI stations in a certain band.

NOTE

- When you are listening to a tape or disc, you cannot change to another TI station.
- When the auto TP seek function is turned on and reception starts to weaken, the tuner automatically seeks stations with better reception.
- If you are tuned to a station that is not a traffic information station itself but which provides EON services, you can still have traffic information received.
- Holding the TI button down for one second or more when the TI function is on in the disc control mode results in a change to the frequency display of the traffic information station for five seconds.

Auto TP Seek Function

When the TI function is on and poor reception conditions are experienced when listening to a traffic information station, another traffic information station with better reception will be searched for automatically. This function is on, when unit is first powered on.

Turning Auto TP Seek Function On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ⏭ button repeatedly until the Auto TP Seek function appears in the display.
   Press the ⏮ button to search in the other direction.
   The function setting is indicated by "ATPS ON" or "ATPS OFF" in the display, indicating that the function is on or off, respectively.
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
   If the traffic information station you are tuned to experiences poor reception, this function automatically seeks another TP station.
4. Press the MENU button to end the menu mode.

Presetting Volume for Traffic Information/News

Preset the volume level to be used for traffic information and news broadcasts.

1. Tune into the station for which you want to set the volume.
2. Adjust the volume to the desired level.
3. Hold down the VOL ADJ button for two seconds or more.
   The volume level blinks once in the display to indicate that the data has been stored.
   Future traffic information/news broadcasts are heard at the preset level.

NOTE

- The volume cannot be lowered by this function during tuner reception. The volume is only set when it is louder than the listening volume of the tuner.
- You can arrange only to listen to traffic information or news bulletins with at preset volume with the volume set at minimum.

News Bulletin Function with PTY News Timeout Setting

You can arrange to have news bulletins interrupt your current listening source, including other radio stations. When the News Bulletin function is on, the PTY News Timeout setting allows you to set the interval during which further news interruption cannot take place. You can adjust the PTY news interruption period from 10 to 90 minutes for each journey.

Turning News Bulletin Function On/Off:

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until the News Bulletin function appears in the display.
Press the I◄◄ button to search in the other direction.
The function setting is indicated by "NEWS ##MIN" or "NEWS OFF" in the display, indicating that the function is on or off, respectively.

NOTE

Depending on the interval chosen, the "##MIN" in the display will change when the function is turned on.

3 ***Changing the Function Setting***
Press either the FM or AM button.
Each time you press the FM or AM button until the desired setting is displayed.
Press the FM button to increase the interval, and the AM button to decrease it.
OFF ↔ 00MIN ↔ 10MIN ↔ 20MIN ↔ 30MIN ↔ 40MIN ↔ 50MIN ↔ 60MIN ↔ 70MIN ↔ 80MIN ↔ 90MIN (MIN= minutes)
When you select the news interruption timeout interval, the News function turns on and the NEWS indicator lights up.
When a news bulletin is received, the NEWS indicator will blink and reception will begin at the preset volume.

NOTE

If you choose the "20MIN" setting, further news bulletins will not be received for 20 minutes once the first news bulletin is received. Setting the interval at the "00MIN" factory default indicates no News Timeout will be made, meaning that additional news bulletins will continue to be searched for.

4 Press the MENU button to end the menu mode.

NOTE

- This function is only available if the desired station sends PTY-code for news bulletin or belongs to EON-Network sending PTY-code for news bulletin.
- If you turn on the news bulletin function in the MW/LW band, the band is switched automatically to the FM band. However, the MW/LW band is not returned to when you turn off the function.

Programme Type (PTY) Function

Conduct auto seek tuning only on those stations with selected kinds of programmes.

1 Press the ►II(PTY) button.
"PTY" is displayed and the Programme Type Selection (PTY) Mode entered.
If you make no key input in 30 seconds, the mode will automatically turn off.

NOTE

You cannot use this function whilst the traffic information function is turned on.

NOTE Changing the Display Language to French or German
In the PTY mode, hold down the ►II(PTY) button for one second or more to display the name of the language currently used.
If you want to change the language, press the preset button for the desired language and then the ►II(PTY) button.
English is #1, French is #2, and German is #3.

2 ***Select the type of programme to be received***
- Press either the FM or AM buttons repeatedly to select the type of programme you want to listen to.
The selection includes:
Speech ↔ 1.News ↔ 2.Current Affairs ↔ 3.Information ↔ 4.Sport ↔ 5.Education ↔ 6.Drama ↔ 7.Culture ↔ 8.Science ↔ 9.Varied ↔ 10.Pop Music ↔ 11.Rock Music ↔ 12.M,O,R Music ↔ 13.Light Classical ↔ 14.Serious Classical ↔ 15.Other Music ↔ 16.Weather ↔ 17.Finance

↔ 18.Children's programmes ↔ 19.Social Affairs ↔ 20.Religion ↔ 21.Phone ↔ 22.Travel ↔ 23.Leisure ↔ 24.Jazz Music ↔ 25.Country Music ↔ 26.National Music ↔ 27.Oldies Music ↔ 28.Folk Music ↔ 29.Documentary ↔ *Music* ↔ *Speech* ↔
(*Speech*.....1~9,16~23, 29, *Music*.....10~15, 24~28)

- You can select the type of programme directly by pressing a preset button. The buttons are factory-set to the following type of programmes:
  1. *Music* 2. *Speech* 3. News
  4. Other Music 5. Serious Classical 6. Varied

NOTE

Changing the Preset Button Settings for Programme Type
After selecting the type of programme to be stored in a certain preset button, hold down that button for two seconds or more. The previously stored data for that button are erased and the new programme type is stored.

3 ***Seeking the selected programme type***

Press the ⏮ or ⏭ button to make a seek of frequencies with your selected type of programme.
The display blinks and the seek starts.
If your selected type of programme is found, the name of the station is displayed and the station is tuned into.
"PTY" blinks in the display for about 30 seconds.
If you make no key input in 30 seconds, the PTY selection mode will turn off automatically.

NOTE

If no programme can be found, "NO PTY" is displayed.
If you want to select another type of programme, repeat steps 2 and 3 above.

Switching to Other Stations with the Same Type of Programme:

When "PTY" is blinking in the display, perform auto seek tuning.
The tuner scans for another station with the same type of programme.

Cancelling Programme Type Function During Its Operation:

Press the ⏯(PTY) button.

Programme Type Display

Programme type number	KDC-PS9060R	KDC-8060R/7060R
1	News	NEWS
2	Current Affairs	AFFAIRS
3	Information	INFO
4	Sport	SPORT
5	Education	EDUCATE
6	Drama	DRAMA
7	Cultures	CULTURE
8	Science	SCIENCE
9	Varied Speech	VARIED
10	Pop Music	POP M
11	Rock Music	ROCK M
12	M.o.R Music	M.O.R. M
13	Light Classics M	LIGHT M
14	Serious Classics	CLASSICS
15	Other Music	OTHER M
16	Weather& Metr	WEATHER
17	Finance	FINANCE
18	Children's Progs	CHILDREN
19	Social Affairs	SOCIAL A
20	Religion	RELIGION
21	Phone In	PHONE IN
22	Travel & Touring	TRAVEL
23	Leisure & Hobby	LEISURE
24	Jazz Music	JAZZ
25	Country Music	COUNTRY
26	National Music	NATION M
27	Oldies Music	OLDIES
28	Folk Music	FOLK M
29	Documentary	DOCUMENT
–	All Music	MUSIC
–	All Speech	SPEECH

Disc control features *(See page 7)*

Playing CDs

Playing CDs:

Press the ⏏(EJECT) button to slide open the faceplate, showing the CD (insertion) slot. Holding the CD with the labeled side facing up, insert it in the slot. The faceplate will show the control panel, and the CD will start playing.
The **: IN :** indicator will light when a CD has been inserted.

Playing CDs Already Inserted:

Press the SRC button repeatedly until the CD mode is obtained. "CD" is displayed when the CD mode has been selected.
The CD will start playing.

Pausing and Restarting CD Play:

Press the ►II button to make the disc pause.
Press the same button again to start play again.

Eject:

Hold down the ⏏(EJECT) button for one second or more to stop CD play. The faceplate will slide to eject the CD.
Press the ⏏(EJECT) button to show the control panel.

▲CAUTION

- Do not attempt to insert a CD into the slot if another one is already there.
- The unit can only play 12-cm (5-inch) CDs. If you insert an 8-cm (3-inch) CD, it will get stuck inside and can cause the unit to malfunction.

NOTE

- The sound will be temporarily muted whilst the faceplate is moving.
- The only buttons that will work during the eject state are the ⏏(EJECT), SRC, TI and ATT buttons, as well as the volume control button.
- When you load a CD and eject it right away, the next time you try to insert the CD may not load. In such a situation, take the CD out for a moment and then reinsert it.

■ When a unit equipped with an O-N switch is to be connected, please also see the instruction manual of this unit.
Set the O-N switch to "N". "N"-operation will be set.
■ When a unit that is not equipped with an O-N switch, or the changer switching unit "KCA-S200" is connected, "O"-operation will be set.

"N"-operation:

- The disc title and track title of the CD text can be displayed.
- The disc name will be displayed when the name has been registered to any connected unit with the Presetting Disc Names function, or when the playing unit contains a disc to which the disc title has been recorded.

"O"-operation:

- CD text cannot be displayed.
- Regardless of the control unit, the characters that can be registered with the Presetting Disc Names function are "A~Z 0~9 /, +, –, ∗, =, <, >, [,]".
- The disc name will be displayed when the name has been registered to the playing unit with the Presetting Disc Names function.

NOTE

The CD text, Presetting Disc Names, and Disc Name Preset Play functions may not be operational depending on the unit.

Playing Other Disc mode

This function permits the connection of optional players and the playing of discs other than the loaded CD (in the current unit).

Playing Discs:

Press the SRC button repeatedly until the disc control mode is obtained.
The disc will start playing.

NOTE

The disc control mode will differ, depending on the unit that is connected.
Mode Display Examples
- "DISC"...when a disc changer is connected
- "DISC-1", "DISC-2"...when two disc changers are connected

Pausing and Restarting Disc Play:

Press the ►II button to make the disc pause.
Press the same button again to start play again.

NOTE

- When one disc has finished playing its last track, the next disc in the changer starts playing. When the last disc in the changer has finished, the player returns to the first disc and starts playing it.
- Disc #10 is displayed as "0". (KDC-8060R/7060R Only)

Fast Forwarding and Reversing Disc Play

Fast Forwarding Disc Play:

Hold down on the ►►I button.
Release your finger to play the disc at that point.

Reversing Disc Play:

Hold down on the I◄◄ button.
Release your finger to play the disc at the point.

NOTE

You cannot use reverse play between tracks depending on the model being connected. Instead, the reverse play function is cancelled when it reaches the beginning of a track, at which point normal play automatically resumes.

Track Search

Search forwards or backwards through the tracks on the disc until you reach the one that you want to listen to.

Making a Reverse Track Search:

Press the I◄◄ button to display the desired track number.
Press once to search back to the beginning of the current track, twice to search back to the beginning of the previous track, and so forth.
Play starts at the beginning of the displayed track number.

NOTE *(for disc changers)*

Pressing the I◄◄ button whilst listening to track 1 only searches back to the beginning of that track. The reverse search is not "recycled" to the last track on the disc.

Making a Forward Track Search:

Press the ►►I button to display the desired track number.
Press once to fast forward to the next track, twice to fast forward to the track after that, and so forth.
Play starts at the beginning of the displayed track number.

NOTE *(for disc changers)*

You cannot make a forward track search when listening to the last track on a disc.

Disc control features (See page 7)

Function of disc changers

Disc Search

Search forwards or backwards through the discs in a disc changer until you reach the one that you want to listen to.

Making a Reverse Disc Search:

Press the DISC− button to display the desired disc number.
Each time the button is pressed, the displayed disc number decreases by one.
Play starts at the beginning of the displayed disc.

Making a Forward Disc Search:

Press the DISC+ button to display the desired disc number.
Each time the button is pressed, the displayed disc number increases by one.
Play starts at the beginning of the displayed disc.

NOTE

"LOAD" is displayed when discs are being exchanged on the disc changer.

Track / Disc Repeat Function

Repeat playing the current track or disc.

Turning Repeat Play Function On/Off:

Press the REP button to switch the repeat play function on and off as follows :

Track Repeat ON
▼
Disc Repeat ON (Function of disc changers)
▼
Track/Disc Repeat OFF

The track number blinks in the display when the track repeat function is on.
The disc number blinks in the display when the disc repeat function is on.

NOTE

The repeat play function is cancelled when you stop playing the disc.

Track Scan Function

Successively play the beginning of each track on a disc until you find the track that you want to listen to.

Turning Track Scan Function On/Off:

Press the SCAN button to switch the track scan function on and off.
The first 10 seconds of each track are played, and the tracks are played in order.
The track number currently being heard blinks in the display.

Stopping to Listen to the Track Being Scanned:

Press the ►II or SCAN button again to stop the scan and keep on listening to a track normally.

NOTE

- The track scan function is cancelled when you stop playing a disc.
- The track scan function only scans each track on a disc once.

Disc Scan Function

Successively play the beginning of each disc on a changer until you find the one that you want to listen to.

Turning Disc Scan Function On/Off:

Press the D.SCN button to switch the disc scan function on and off.
The first 10 seconds of each disc are played, in the order in which they are loaded on the changer.
The disc number currently being heard blinks in the display.

Stopping to Listen to the Disc Being Scanned:

Press the ►II or D.SCN button again to stop the scan and keep on listening to the disc normally.

NOTE

- The disc scan function is cancelled when you stop playing a disc.
- The disc scan function only scans each disc on the changer once.
- "LOAD" is displayed when discs are being exchanged on the disc changer.

Random Play Function

Play all the tracks on the current disc in random order.

1 Press the RDM button to switch the random play function on and off.
The display of the track number changes continuously as the next track is being selected.
When the track has been selected, play starts.
The selected track number blinks in the display as it is being played.

NOTE

When all the tracks on a certain disc have been played using the random play function, the next disc on the changer starts playing (with the random play function still turned on).

2 To change the track being heard, press the ►►I button.
Another track is selected and played.

NOTE

The random play function is cancelled when you stop playing a disc.

Magazine Random Play Function

Play the tracks on all the discs in the disc changer in random order.

1 Press the M.RDM button to switch the magazine random play function on and off.
The display of the disc and track numbers change continuously as the next track is being selected.
When the disc/track has been selected, play starts.
The selected disc/track number blinks in the display as it is being played.

NOTE

This function is not available with the following models:
KDC-C200/C300/C400/C301/C401

2 To change the track being heard, press the ►►I button.
Another disc/track is selected and played.

NOTE

- The magazine random play function is cancelled when you stop playing a disc.
- The time needed for random selection depends on the number of discs loaded in the disc magazine.

Disc control features (See page 7)

Presetting Disc Names

Store the names of discs to be displayed when played.

1 Play the disc whose name you want to preset.

NOTE

- This function is not available for disc changers that do not feature the Disc Name Preset function.
- This procedure is not to be used to store the disc and track titles for MDs that you record.

2 Press the NAME.S button for at least two seconds.
"NAME SET" is displayed and the disc name preset mode is entered.
The cursor blinks in the position where character input can be made.

3 Press either the ⏮ or ⏭ button to move the cursor to the desired position.
The ⏮ button moves the cursor to the left, and the ⏭ button to the right.
You can also move the cursor left or right by pressing the TRACK+ or TRACK– buttons, respectively, on the remote control.

4 Each time the ►II button is pressed, the characters to be entered change as listed below.
Press the DISC+ or DISC– button to display the desired character.
Characters that can be displayed are as follows.

Alphabet (upper case): A ~ Z

Alphabet (lower case): a ~ z (KDC-PS9060R Only)

Numerals and symbols: 1~9 0 @ " ' ` % & * + - = , . / \ < > [ ]

Special characters: á à é è í ì ó ò ú ù Ñ Ç $ ß ¡ ¡¿ â ä ê ë
î ï ô ö û ü Ñ ç ¢ ¥ ¡ ¡¿
(KDC-PS9060R Only)

NOTE

The operation and characters that can be entered may change as listed below, depending on the unit that is connected.
A press of the ►II button exits the disc name preset mode.
Operations can be followed again from Step 2 at a time such as this, and the characters to be input are selected using the procedure described below.
Press the DISC+ or DISC– button to display the desired character. Besides the alphabet (capital letters only) and numbers, you can choose the following characters: /, +, –, *, =, <, >, [and].

NOTE Direct Alphabet Input

If the disc changers that were manufactured and sold after 1997 are connected, you can directly input letters using the number/letter entry buttons on the remote control.
Example: Use the following table to enter the name "DANCE".

Character	Button to press	# Times pressed
"D"	#3	1
"A"	#2	1
"N"	#6	2
"C"	#2	3
"E"	#3	2

5 Continue steps 3 and 4 until all the characters are chosen for the name.

6 Press either the NAME.S button on the main unit or the OK button on the remote.
The disc name is stored and the disc name preset mode is canceled.
If you make no entry in a 10-second period, the name will be stored with the characters input so far.

NOTE

- The number of characters and discs whose names can be stored will differ depending on the disc changer that is connected. Please see your disc changer manual for details. Up to 12 characters and 30 CDs can be registered with this unit.

- Discs are identified by their total length and number of tracks. If another disc happens to have the same specifications as one that you have already stored a name for, the name will be displayed for it, too.
- If you want to change the name of a disc, repeat steps 1 and 2 to display the name, and then repeat steps 3 and 4 to input the changes.
- Pressing the reset button erases the disc names stored in this unit, but does not erase the names stored in a disc changer.

Text Scroll

This function permits the text to be scrolled and the entire text to be displayed. Switching between manual scrolling and automatic scrolling is permitted. The factory default is manual scrolling.

To scroll manually:

1 Press the DISP button to display the disc title or the track title.

2 Holding down the DISP button for one second or more results in one scrolling display of the titles.

Manual/Automatic scroll switching:

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly to switch the function to be set to the text scroll function.
Pressing the I◄◄ button results in the functions being switched in the reverse order.
The text scroll function is displayed with "SCROLL MANU" or "SCROLL AUTO".
"SCROLL MANU" (Manual scrolling)
"SCROLL AUTO" (Automatic scrolling)

3 ***Switching settings***
Press either the AM or FM button.
The display and setting will change.

4 Press the MENU button to end the menu mode.

To scroll automatically:

1 Press the DISP button to display the disc title or the track title.
The titles will be displayed in one scrolling display.

NOTE

When the disc or track to be played changes, the title is displayed in one scrolling display.

2 Holding down the DISP button for one second or more results in one scrolling display of the titles.

NOTE

Only units with a CD text feature permit title display.

Disc control features *(See page 7)*

Switching Display for Discs

Switch the display that appears whilst discs are playing.

Switching Display for Discs:

Each time you press the DISP button, the display during disc play switches as follows.

Track time
▼
Total disc playing time (CD only)
▼
Disc name
▼
Disc title (Units featuring CD text/MD only)
▼
Track title (Units featuring CD text/MD only)
▼
Clock (KDC-8060R/7060R only)

NOTE

- Disc title/track title cannot be displayed with the CD mode of the KDC-7060R.
- You can give names to discs through the presetting disc name function (see p.24).
  Note that depending on the unit, display may not be possible.
- If you try to display the name of a disc that does not have one, "NO NAME" is displayed instead.
- Only when the Switching Clock display function (P.31) is on, the clock is displayed.
- When there is an attempt to display the title of a disc for which the disc title/track title has not been recorded, "NO TEXT" is displayed for CD and "NO NAME" is displayed for MD.
- Depending on the type of characters of the CD Text, some characters may not be displayable.

Function of remote control with number/letter entry buttons (See page 8)

Direct Track Search

Using the remote control, make direct input of the track number that you want to listen to.

1 Using the numeric buttons on the remote control, enter the number of the track that you want to listen to.
The selected track number blinks in the display for 10 seconds. If you make no further input in the 10-second period, the number entry mode will automatically be cancelled.

2 Press either the TRACK+ or TRACK− button whilst the track number is blinking.
The track specified in step 1 starts playing.

Cancelling Direct Track Search During Its Operation:

Press the ►II button.

NOTE

You cannot use the direct track search function whilst doing track or disc scans or using random or magazine-random play.

Function of disc changers with remote control having number/letter entry buttons (See page 8)

Direct Disc Search

Using the remote control, make direct input of the disc number that you want to listen to.

1 Using the numeric buttons on the remote control, enter the number of the disc that you want to listen to.
The selected disc number blinks in the display for 10 seconds. If you make no further input in the 10-second period, the number entry mode will automatically be cancelled.

NOTE

- Input "0" to select disc #10.
- If you enter more than two numbers all at once, a search will be made only of the last number entered.

2 Press either the DISC+ or DISC– button whilst the number inputted is blinking.
The disc specified in step 1 starts playing.

Cancelling Direct Disc Search During Its Operation:
Press the ►II button.

Function of remote control with DNPP button (See page 8)

Disc Name Preset Play (DNPP)

If you have preset the name of a disc that you want to listen to in the disc changer, you can look for it by name and start playing it.

1 Press the DNPP button on the remote control.
"DNP PLAY" will appear in the display, and the disc name preset play mode is entered.
The preset names/disc titles of the disc in the disc changer to which you are currently listening are successively displayed for five seconds each.
In any of the units that are connected, discs that have not been disc name preset will display "NO NAME".

NOTE

- This function can only be used in disc changers that were manufactured or sold as of 1997. Also note that some units cannot provide a display unless the disc name preset has been made by the unit that is playing.
- Discs in the disc changer that have never been played before will appear as "NO ACCESS" when the disc names are displayed. When you cannot identify a disc because of the "NO ACCESS" display after inserting a disc magazine, try playing it using the disc scan or a similar function to display the disc name.
  Also note that "NO DISC" will be displayed when a disc has not been loaded.

Rapid display (forward / reverse):
Press the DISC+ or DISC– button.
Pressing the DISC+ button will rapidly display the preset names/disc titles in order.
Pressing the DISC– button will rapidly display the preset names/disc titles in reverse order.

2 ***When the name appears for the disc you want to play***
Press the OK button.
The disc whose name is displayed will be recalled, and the disc name preset play (DNPP) mode will end.

To cancel DNPP mode:
Press the DNPP button.
The disc name preset play (DNPP) mode will be cancelled.

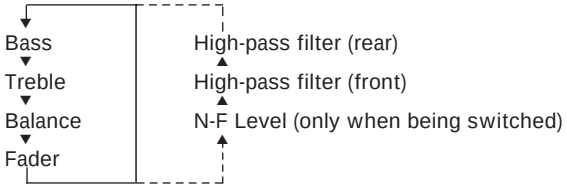
Other features *(See page 8)*

Audio Control Setting

Adjust various parameters of sound quality.

1 Press the AUD button to enter the control mode.

2 Press either the FM or AM button.
Each time the button is pressed, the adjustment mode will change as follows:
Pressing the FM button advances the display, and pressing the AM button reverses it.



(KDC-PS9060R only)

NOTE Source tone memory
Each source (CD, FM, AM, and disc changer) has its own memory in which to store the bass and treble tone settings. The settings made for a particular source are then recalled automatically whenever you use that source (e.g., FM mode uses the tone settings made for FM, AM for AM, etc.).

3 Press the ⏮/⏭ button.
Look at the table to adjust the mode being displayed.

4 Press the AUD button to end the control mode.

NOTE Setting the high-pass filter (KDC-PS9060R only)
You can separately set the high-pass filter for front and rear output, including preouts. The high-pass filter works except during non- fading preout when switching to non-fading.
The factory default settings for front output and rear output are "through".

Table of Audio Control Setting

Adjustment mode (Display)	Operation of Audio control button	
	⏮ button	⏭ button
Bass (“BAS”)	Bass decreased.	Bass increased.
Treble (“TRE”)	Treble decreased.	Treble increased.
Balance (“BAL”)	Left channel emphasized.	Right channel emphasized.
Fader (“FAD”)	Rear channel increased.	Front channel increased.
Non-Fading Preout Level (“NF”)	The front and rear sound is emphasized.	The non-fading sound is emphasized.
High-pass filter for front output (“HPF F”)	You can select the frequency to be cut, as follows: THROU (through) ↔ 40Hz ↔ 60Hz ↔ 80Hz ↔ 100Hz ↔ 120Hz ↔ 150Hz ↔ 180Hz ↔ 220Hz	
High-pass filter for rear output (“HPF R”)	You can select the frequency to be cut, as follows: THROU (through) ↔ 40Hz ↔ 60Hz ↔ 80Hz ↔ 100Hz ↔ 120Hz ↔ 150Hz ↔ 180Hz ↔ 220Hz	

KDC-PS9060R only

Switching Preout

Switch the preout between the front and non-fading. When you switch to non-fading, you can adjust the volume separately. The factory defalt is front preout.

Switching the preout:

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until the Switching preout function appears in the display.
Press the I◄◄ button to search in the other direction.
The function setting is indicated by "SWPRE FRONT" or "SWPRE N-FAD" in the display, indicating that the current preout is front or non-fading, respectively.
"SWPRE FRONT" (Front preout)
"SWPRE N-FAD" (Non-fading preout)

3 ***Switching settings***
Press either the AM or FM button.
The display and setting will change.

4 Press the MENU button to end the menu mode.

NOTE

You cannot use the high-pass filter with non-fading preout.

Turning non-fading output On/Off :

Hold down the NF button for one second or more to set the function ON or OFF.
"NF ON" is displayed when the non-fading output is set ON.

TEL Mute Function

Shut down the audio system temporarily whenever an incoming call is received.

NOTE

The function will not work if a cable is not connected to the car phone.

When the telephone rings:

When a call is received, "CALL" is displayed and all the unit functions are temporarily interrupted.

Restoring Original Unit Source During Phone Call:

Press the SRC button.
"CALL" disappears from the display, and the volume of the original source is restored gradually.

Turning TEL Mute Function Off After Phone Call:

Hang the phone up.
"CALL" disappears from the display.
The original source (i.e., the one used before the phone call) is returned to automatically, and the volume restored gradually.

Navigation Mute Function

When the KENWOOD Navigation System is connected, an interruption of the audio guide results in the temporary lowering of the audio level.

NOTE

The Navigation mute function cannot be used unless a TEL mute cable is connected to the KENWOOD Navigation System.

Other features *(See page 8)*

Touch sensor tone

This function produces a beep sound that accompanies button operation. It can be switched on or off.

Turning the Beep On/Off:

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until the Touch sensor tone function appears in the display.
Press the I◄◄ button to search in the other direction.
The function setting is indicated by "BEEP ON" or "BEEP OFF" in the display, indicating that the current beep setting is on or off, respectively.

3 ***Switching settings***
Press either the AM or FM button.
The display and setting will change.

4 Press the MENU button to end the menu mode.

NOTE

The beep sound is not output from the preout jacks.

Selectable Illumination

You can switch the colour of the button illumination between green and amber.

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until the Selectable Illumination function appears in the display.
Press the I◄◄ button to search in the other direction.
The function setting is indicated by "COLOR GREEN" or "COLOR AMBER" in the display, indicating that the current colour is green or amber, respectively.

3 ***Switching settings***
Press either the AM button or FM button.
The display and setting will change.

4 Press the MENU button to end the menu mode.

Function of the KDC-PS9060R

Contrast Adjustment

This adjustment permits easy viewing of the display.

To adjust the contrast:

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until the Contrast Adjustment function appears in the display.
Press the I◄◄ button to search in the other direction.
The function setting is indicated by "CONTRAST ##" in the display, indicating that the Contrast Adjustment mode is on.

3 ***Switching settings***
Press either the AM or FM button.
Press the FM button to change the setting values higher, and press the AM button to change them lower. Settings may be made from 0 to 10.

4 Press the MENU button to end the menu mode.

NOTE

The "##" display in the contrast adjustment mode will differ depending on the setting. The initial setting value is "5".

Automatic Dimmer Function

The display dims when the car's lights are turned on.

NOTE

The dimmer function is not available for units if the dimmer cable is not connected.

Function of the KDC-8060R/7060R

Switching Graphic Display

This function permits the graphic display to be switched to one that is linked with the volume level value or to display various modes. The initial setting is ON (displaying various modes).

Turning the Graphic Display On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the Switching Graphic Display function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "GRAPHIC ON" or "GRAPHIC OFF" in the display, indicating that the Graphic display is on or off, respectively.
   "GRAPHIC ON" (Displays various modes)
   "GRAPHIC OFF" (Display linked to the volume level value)
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
4. Press the MENU button to end the menu mode.

NOTE

When making audio adjustments, even when this function is on, the display will be linked to the audio adjustment value, not the display of the various modes.

Switching Clock Display

This function permits switching the clock display on/off when switching the display during each of the modes.

Turning the Clock Display On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the Switching Clock Display function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "CLOCK ON" or "CLOCK OFF" in the display, indicating that the Clock Display function is on or off, respectively.
3. ***Switching settings***
   Press either the AM button or FM button .
   The display and setting will change.
4. Press the MENU button to end the menu mode.

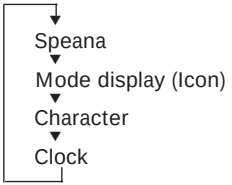
Function of the KDC-PS9060R

Switching Spectrum Analyzer Display

This function permits switching of the spectrum analyzer display.

Switching the Spectrum Analyzer Display:

Each time you press the CLK/ANA button, the display switches as follows;



NOTE

- Only when the Switching Clock display function (P.31) is on, the clock is displayed.
- The ◕ indicator lights whilst the clock is displayed.

Adjusting Time

With automatic time adjustment, you can set the clock time automatically according to time data sent from RDS stations (after receiving RDS signals for several minutes). You can also set the time manually if the automatic time adjustment function is turned off. The factory default is automatic time adjustment.

Adjusting Time Automatically:

Tune into an RDS station for 3 or 4 minutes.
The time adjusts automatically to the correct local time.

NOTE

The time is not adjusted when the RDS station you are tuned to is not transmitting a time signal. Choose another RDS station in such a case.

Turning Automatic Time Adjustment On/Off:

1. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
2. Press the ►►I button repeatedly until the Automatic Time Adjustment function appears in the display.
   Press the I◄◄ button to search in the other direction.
   The function setting is indicated by "SYNC ON" or "SYNC OFF" in the display, indicating that the Automatic Time Adjustment is on or off, respectively.
   "SYNC ON" (Automatic time adjustment)
   "SYNC OFF" (Manual time adjustment)
3. ***Switching settings***
   Press either the AM button or FM button.
   The display and setting will change.
4. Press the MENU button to end the menu mode.

Adjusting Time Manually:

1. Turn off the Automatic Time Adjustment as mentioned above.
2. Hold down the MENU button for one second or more.
   "MENU" is displayed and the menu mode is turned on.
3. Press the ►►I button repeatedly until the "CLOCK ADJST" appears in the display.
   Press the I◄◄ button to search in the other direction.
4. Hold down either the AM or FM button for two seconds or more to enter the Time Adjustment mode.
   The hour display will blink.
5. • Adjusting the hours
   Press the FM button to advance the hours, or press the AM button to make the hours go back.
   • Adjusting the minutes
   Press the ►►I button to advance the minutes, or press the I◄◄ button to make the minutes go back.
6. Press the MENU button to end the menu mode.

Code Security Function

After a security code has been registered, power cannot be restored if the battery is disconnected from the unit unless the code is first input.

NOTE

All the steps in this procedure (1 through 7) must be completed before the code security function can be turned on. However, once the procedure is finished, it need not be repeated.
Once the code security function has been activated, "SECURITY" disappears from the MENU system. Note that it will no longer be possible to cancel this function afterwards.

1 Hold down the MENU button for one second or more.
"MENU" is displayed and the menu mode is turned on.

2 Press the ►►I button repeatedly until "SECURITY" appears in the display.
Press the I◄◄ button to search in the other direction.

3 Hold down either the AM or FM button for two seconds or more.
"ENTER" will appear in the display for one second, indicating the code setting mode has been entered. When "CODE" appears in the display, you can start inputting the code.

4 Press the preset button and enter your security code.
Use the security code shown on your Car Audio Passport.
Example: Enter "3510" as your code, pressing the buttons as follows:

Step	Button to press	# Times pressed	Display
1	#1	4	"3"
2	#2	6	"5"
3	#3	2	"1"
4	#4	1	"0"

5 Hold down the DISP button for three seconds or more.
The security code will be set.
"RE-ENTER" will appear in the display for one second, asking you to enter the code once again for confirmation. When "CODE" appears in the display, you can start inputting the code.

6 Press the Preset button and input the security code again.

7 Hold down the DISP button again for three seconds or more.
"APPROVED" will appear in the display, with the code security function turning on. From this point on, if the unit is disconnected from the battery, the security code must be entered the first time that the unit's power is turned on.
"ENTER" and "CODE" will appear in the display, asking you to input the code.

NOTE

If you input an incorrect security code, the display ask you once more to input the correct one. Follow the procedure in step 6 above.

If you press the RESET button or remove the battery:

The first time you turn the unit on again, "CODE" will appear in the display, asking you to input the security code.
Repeat steps 6 and 7 above, and input the security code.
You can start operating the unit again when "APPROVED" appears in the display.

NOTE

If you enter the wrong code, "WAITING" is displayed and you cannot make further input of the code for a fixed interval (see table below), which grows longer each time you enter the wrong code.
When "CODE" is displayed, you can make input again.

Number of wrong inputs	Interval until next input is allowed
1	-
2	5 minutes
3	1 hour
4	24 hours

The number of wrong inputs is displayed.

Basic operations of remote control *(See page 8)*

Optional

⚠CAUTION

Do not set the remote control on hot places such as above the fascia panel (dashboard).

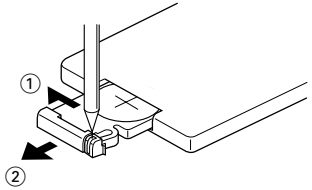
Replacing the Lithium Battery:

Use one lithium battery (CR2025).
Remove the case following the instructions as illustrated.

To open

① Keep on slide

② Pull out.



Insert the battery with the + and – poles aligned properly, following the illustration inside the case.

⚠WARNING

Store unused lithium batteries out of the reach of children. Contact a doctor immediately if the battery is accidentally swallowed.

NOTE

A portion of the operations may not be possible, depending on the unit that is connected.

All Modes

- VOL. buttons
  Keep on pressing the ∧ button to turn the volume up.
  keep on pressing the ∨ button to turn the volume down.
- TUNER button
  Selects the tuner mode.
- CD button
  Selects the CD mode.
- CD•MD CH button
  Selects the disc control mode.

NOTE

The disc control mode will differ depending on the unit that is connected.

Tuner Mode

- Number/ letter entry buttons
  Press buttons #1-6 to recall preset stations.
  During direct access tuning, use these buttons to input the frequency of the station.
- TUNE buttons
  Press the I◄◄ button to make decreasing seeks (using the preset tuning mode).
  Press the ►►I button to make increasing seeks (using the preset tuning mode).
- AM/FM button
  Press the AM button to select the MW and LW bands.
  Press the FM button to select and switch between FM1, FM2, and FM3 bands.
- DIRECT/OK button
  Selects the direct access tuning mode, used to input frequencies directly. Press this button again to cancel the mode whilst it is operating.
  During Station name preset play mode, selects station.
- DNPP button
  Enters and cancels the Station Name Preset Play mode.

Disc Control Mode

- Number/ letter entry buttons
  Used to specify the track (disc) number used in direct track (disc) searches.
  Used to enter letters during disc name preset.
- TRACK buttons
  Press the TRACK– button to search through the tracks backwards.
  Press the TRACK+ button to search through the tracks forwards.
  Used to move the cursor whilst entering disc name.
- DISC buttons
  Press the DISC– button to search through the discs backwards.
  Press the DISC+ button to search through the discs forwards.
  Selects numbers and symbols whilst entering disc name.
- ►II button
  When a disc is playing, this button pauses the play.
  Press the same button again to start play again.
  Selects the type of characters at the time of entering the disc name.
- OK button
  During disc name input, stores the already input data in memory and ends the input mode.
  Selects disc during the disc name preset play mode.
- DNPP button
  Enters and cancels the Disc Name Preset Play mode.

Basic operations of steering remote control (See page 8)

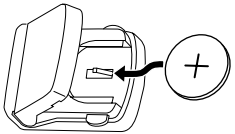
Optional for the KDC-7060R

⚠WARNING

To prevent accidents, do not attempt to use the steering remote control whilst turning the steering wheel.

Replacing the Lithium Battery:

Use one lithium battery (CR2025). Insert the battery with the + and – poles aligned properly, following the illustration.



⚠WARNING

Store unused lithium batteries out of the reach of children. Contact a doctor immediately if the battery is accidentally swallowed.

All Modes

- SRC button
  Each time you press the SRC button, the mode switches as follows:

  Tuner mode
  ▼
  CD mode
  ▼
  Disc control mode

NOTE

- The mode switches to the next mode from any mode which cannot be used.
- The disc control mode will differ depending on the unit that is connected.

- VOLUME buttons
  Press the ▲ button to turn the volume up.
  Press the ▼ button to turn the volume down.
- ATT button
  Turns down the volume quickly. To return the volume to its original level, press the button again. Turning down the volume all the way also cancels attenuation.

Tuner Mode

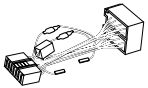
- TUNE buttons
  Press the ⏮ button to make decreasing seeks (using the preset tuning mode).
  Press the ⏭ button to make increasing seeks (using the preset tuning mode).
- FM button
  Selects and switches between the FM1, FM2 and FM3 bands.
- AM button
  Selects the MW and LW bands.

Disc Control Mode

- DISC buttons
  Press the AM/DISC– button to search through the discs backwards.
  Press the FM/DISC+ button to search through the discs forwards.
- TRACK buttons
  Press the ⏮ button to search through the tracks backwards.
  Press the ⏭ button to search through the tracks forwards.

Accessories

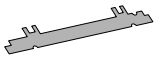
External view **..... Number of items**

①  1

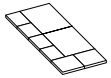
② 2

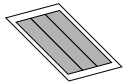
③ 1

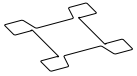
④ 1

⑤  1

External view **..... Number of items**

⑥  1

⑦  1

⑧  1

⑨ 1

⑥~⑨...KDC-PS9060R/8060R only

▲CAUTION

The use of any accessories except for those provided might result in damage to the unit. Make sure only to use the accessories shipped with the unit, as shown above.

Installation Procedure

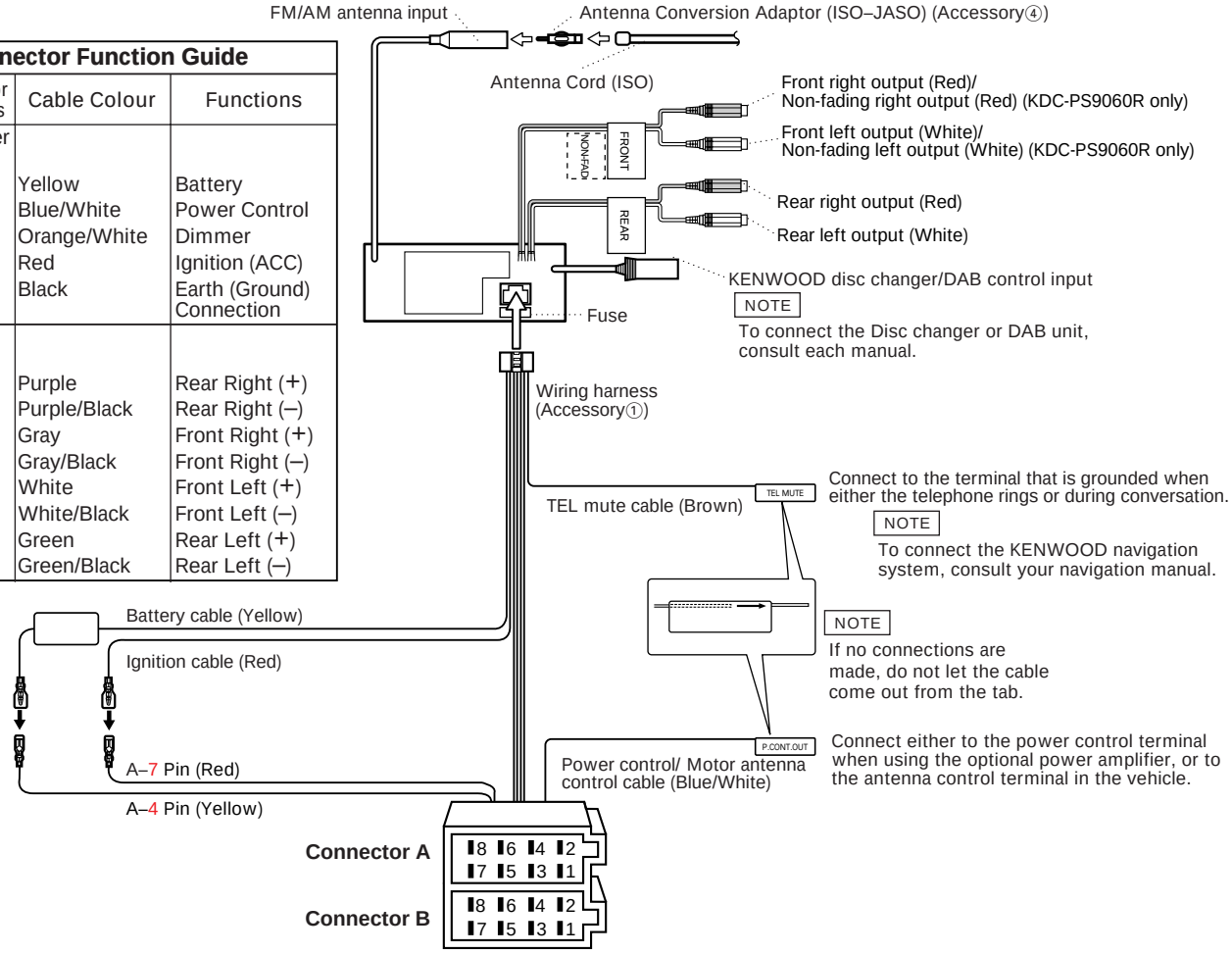
1. To prevent short circuits, remove the key from the ignition and disconnect the ⊖terminal of the battery.
2. Make the proper input and output cable connections for each unit.
3. Connect the cable on the wiring harness.
4. Take Connector B on the wiring harness and connect it to the speaker connector in your vehicle.
5. Take Connector A on the wiring harness and connect it to the external power connector on your vehicle.
6. Connect the wiring harness connector to the unit.
7. Install the unit in your car.
8. Reconnect the ⊖ terminal of the battery.
9. Press “the touch-sensitive spot” at the rear of the faceplate (see p.9) to make the faceplate control panel appear. Then press the reset button.

▲CAUTION

- If your car is not prepared for this special connection-system, consult your KENWOOD dealer.
- Only use antenna conversion adapters (ISO-JASO) when the antenna cord has an ISO plug.
- Make sure that all cable connections are securely made by inserting jacks until they lock completely.
- If your vehicle's ignition does not have an ACC position, or if the ignition cable is connected to a power source with constant voltage such as a battery cable, the power will not be linked with the ignition (i.e., it will not turn on and off along with the ignition). If you want to link the unit's power with the ignition, connect the ignition cable to a power source that can be turned on and off with the ignition key.
- If the fuse blows, first make sure that the cables have not caused a short circuit, then replace the old fuse with one with the same rating.
- Do not let unconnected cables or terminals touch metal on the car or anything else conducting electricity. To prevent short circuits, also do not remove the caps on the ends of the unconnected cables or the terminals.
- Connect the speaker cables correctly to the terminals to which they correspond. The unit may receive damage or fail to work if you share the ⊖ cables and/or ground them to any metal part in the car.
- After the unit is installed, check whether the brake lamps, indicators, wipers, etc. on the car are working properly.
- Insulate unconnected cables with vinyl tape or other similar material.
- Some disc changers need conversion cables for connection. See the section on "Safety Precautions" for details.
- If the console has a lid, make sure to install the unit so that the faceplate does not hit the lid when closing and opening.
- Mount the unit so that the mounting angle is 30° or less.

English

Connector Function Guide		
Pin Numbers for ISO Connectors	Cable Colour	Functions
External Power Connector		
A–4	Yellow	Battery
A–5	Blue/White	Power Control
A–6	Orange/White	Dimmer
A–7	Red	Ignition (ACC)
A–8	Black	Earth (Ground) Connection
Speaker Connector		
B–1	Purple	Rear Right (+)
B–2	Purple/Black	Rear Right (–)
B–3	Gray	Front Right (+)
B–4	Gray/Black	Front Right (–)
B–5	White	Front Left (+)
B–6	White/Black	Front Left (–)
B–7	Green	Rear Left (+)
B–8	Green/Black	Rear Left (–)



▲WARNING Connecting the ISO Connector (see p.38)

The pin arrangement for the ISO connectors depends on the type of vehicle you drive. Make sure to make the proper connections to prevent damage to the unit.
The default connection for the wiring harness is described in 1 below. If the ISO connector pins are set as described in 2 or 3, make the connection as illustrated.

1 (Default setting) The A-7 pin (red) of the vehicle's ISO connector is linked with the ignition, and the A-4 pin (yellow) is connected to the constant power supply.

Unit		*Vehicle*
Ignition cable (Red)	→	A–7 Pin (Red)
Battery cable (Yellow)	→	A–4 Pin (Yellow)

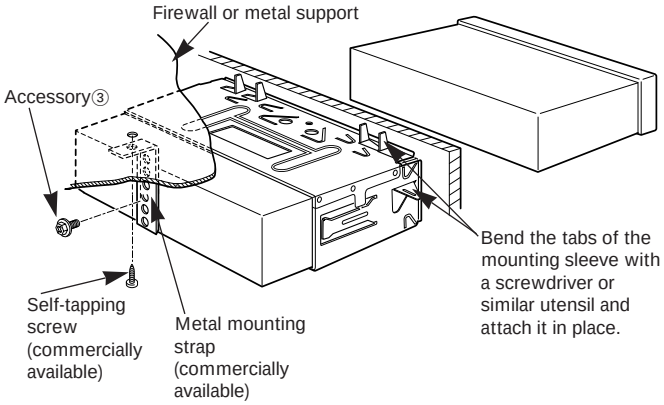
2 The A-7 pin (red) of the vehicle's ISO connector is connected to the constant power supply, and the A-4 pin (yellow) is linked to the ignition.

Unit		*Vehicle*
Ignition cable (Red)	→	A–7 Pin (Red)
Battery cable (Yellow)	→	A–4 Pin (Yellow)

3 The A-7 pin (red) of the vehicle's ISO connector is not connected to anything, whilst the A-4 pin (yellow) is connected to the constant power supply (or both the A-7 (red) and A-4 (yellow) pins are connected to the constant power supply).

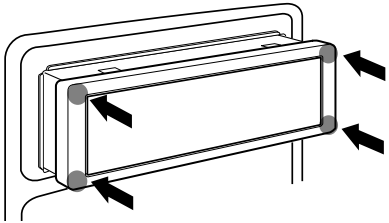
Unit		*Vehicle*
Ignition cable (Red)	→	Connect to a power source that can be turned on and off with the ignition key.
Battery cable (Yellow)	→	A–4 Pin (Yellow)

■ *Installation*



NOTE

Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction (eg, the sound may skip).



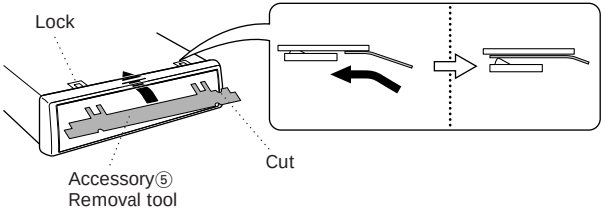
▲CAUTION

To attach this unit, fit it into the mounting sleeve by pressing the four corners of the hard rubber frame.
Do not apply strong pressure to other sections than the corners; otherwise troubles such as the impossibility of opening or closing the panel may result.

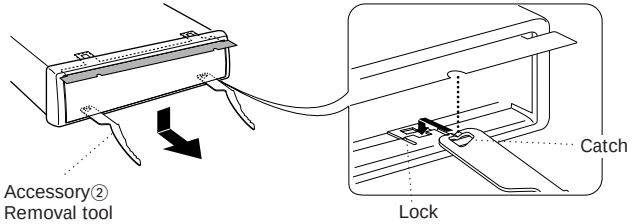
English

■ *Removing the hard rubber frame*

1 Insert the removal tool⑤ deeply with the cut placed to the right to remove the upper locks at an angle as shown below.



2 Engage the catches on the removal tool② and remove the two locks on the lower level, leaving the removal tool⑤ inserted on the upper level.
Use the removal tool facing the side covered with the protective sheet to the faceplate.
Lower the frame and pull it forward as shown in the figure.



NOTE

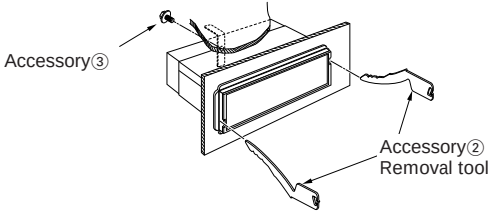
You will feel (not hear) a click when the tabs lock securely.

■ *Removing the Unit*

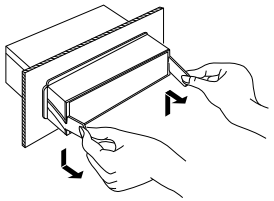
1 Refer to the section “Removing the hard rubber frame” and then remove the hard rubber frame.

2 Remove the hex head machine screw with washer (M4×8) on the back panel.

3 Insert the two removal tools at an angle and push them deeply into the slots on each side, as shown.



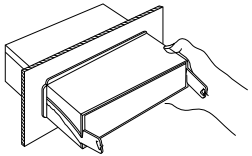
4 Push downward on the left-hand tool and the upward on the right-hand tool, as shown, and pull the unit toward you until it is halfway out. The unit may drop if you pull it out completely.



▲CAUTION

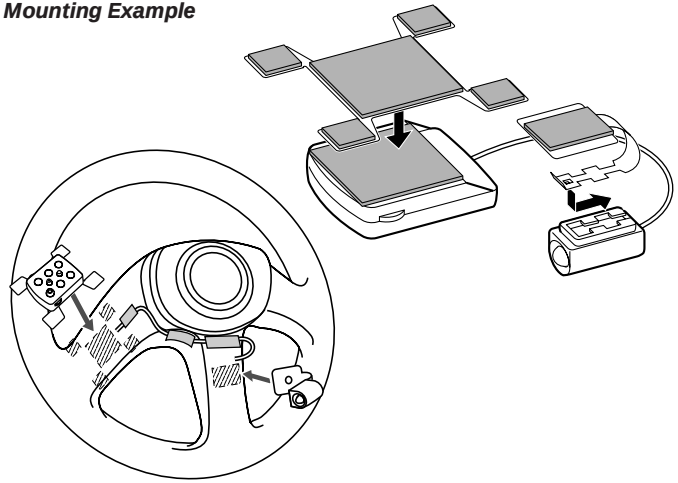
Be careful to avoid injury from the catch pins on the removal tool.

5 Pull the unit all the way out with your hands, being careful not to drop it.



Attaching Steering Remote Control (Optional for the KDC-7060R)

Mounting Example



Attach the operation section and the light emitting section of the Steering Remote Control as shown above.
Be sure to attach them to positions that can ensure proper operation.

⚠CAUTION

- Clean dirt and oil from the positions where the Steering Remote Control sections are to be attached.
- If the attached position is cold, warm it before attaching.
- The position should be selected so that the product does not come in the way of steering operation.
- Do not attach anything on the surface of a steering wheel incorporating an air bag.

Troubleshooting Guide

What might appear to be a malfunction in your unit may just be the result of slight misoperation or miswiring. Before calling service, first check the following table for possible problems.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The power does not turn on.	The fuse has blown.	After checking for short circuits in the cables, replace the fuse with one having the same rating.
	No ACC position on vehicle ignition.	Connect the same cable to the ignition as the battery cable.
No sound can be heard, or the volume is low.	The Attenuator function is turned on.	Turn off the Attenuator function.
	The fader and/or balance settings are set all the way to one side.	Reset the fader and/or balance settings.
	The input/output cables or wiring harness are connected incorrectly.	Reconnect the input/output cables and/or the wiring harness correctly. See the section on "Connecting Cables to Terminals".
Nothing happens when the buttons are pressed.	The computer chip in the unit is not functioning normally.	Press the reset button on the unit (see page 4).
The sound quality is poor or distorted.	A speaker cable may be pinched by a screw in the car.	Check the speaker wiring.
	The speakers are not wired correctly.	Reconnect the speaker cables so that each output terminal is connected to a different speaker.
Radio reception is poor.	The car antenna is not extended.	Pull out the antenna all the way.
	The antenna control cable is not connected.	Connect the cable correctly, referring to the section on "Connecting Cables to Terminals".
The memory is erased when the ignition is turned off.	The battery cable has not been connected to the proper terminal.	Connect the cable correctly, referring to the section on "Connecting Cables to Terminals".
	The ignition and battery cable are incorrectly connected.	Connect the cable correctly, referring to the section on "Connecting Cables to Terminals".
The TEL mute function does not work.	The TEL mute cable is not connected properly.	Connect the cable correctly, referring to the section on "Connecting Cables to Terminals".
The TEL mute function turns on even though the TEL mute cable is not connected.	The TEL mute cable is touching a metal part of the car.	Pull the TEL mute cable away from the metal part of the car.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The faceplate does not open or close.	The ambient temperature is too low.	Warm up your car.
A CD ejects as soon as it is loaded.	The CD is upside-down.	Load the CD with the labelled side up.
	The CD is quite dirty.	Clean the CD, referring to the section on "Cleaning CDs" (see page 5).
The sound skips on a CD.	The CD is scratched or dirty.	Clean the CD, referring to the section on "Cleaning CDs" (see page 5).
The specified track does not play.	Random play has been selected.	Turn off the random play function.

Disc Changer

PROBLEM	POSSIBLE CAUSE	SOLUTION
The disc changer mode cannot be selected.	No cable has been connected to the disc changer input terminal on the unit.	Connect the cable to the disc changer input terminal on the unit.
The specified disc does not play, but another one plays instead.	The specified CD is very dirty.	Clean the CD.
	The CD is upside-down.	Load the CD with the labelled side up.
	The disc is loaded in a different slot from that specified.	Eject the disc magazine and check the number for the specified disc.
	The disc is severely scratched.	Try another disc instead.
The sound skips.	Something is touching the disc changer.	Remove whatever is touching it.
	The CD is scratched or dirty.	If skipping happens at the same place when the car is stopped, something is wrong with the CD. Clean the CD.
The display shows that the changer is being played, but no sound can be heard.	The computer chip in the unit is not functioning normally.	Press the reset button on the unit (see page 4).
The specified track does not play.	Random play or magazine random play has been selected.	Turn off the random play or magazine random play function.

The following messages are displayed when certain problems are occurring in your system. Take the recommended actions.

EJECT	No disc magazine has been loaded in the changer. The disc magazine is not completely loaded. ⇨Load the disc magazine properly. No CD in the unit. ⇨Insert the CD.
NO DISC	No disc has been loaded in the disc magazine. ⇨Load a disc into the disc magazine.
E-04	No disc has been loaded in the disc magazine. ⇨Load a disc into the disc magazine. The CD is very dirty. The CD is upside-down. The CD is scratched a lot. ⇨Clean the CD and load it correctly.
BLANK	Nothing has been recorded on the MD. ⇨The next MD is automatically played back
NO TRACK	No tracks are recorded on the MD, although it has a title. ⇨The next MD is automatically played back.
E-77	The unit is malfunctioning for some reason. ⇨Press the reset button on the unit. If the "E- 77" code does not disappear, consult your nearest service centre.
E-99	Something is wrong with the disc magazine. Or the unit is malfunctioning for some reason. ⇨Check the disc magazine. And then, press the reset button on the unit. If the "E- 99" code does not disappear, consult your nearest service centre.
HOLD	The protective circuit in the unit activates when the temperature inside the automatic disc changer exceeds 60°C (140°F), stopping all operation. ⇨Cool down the unit by opening the windows or turning on the air conditioner. As the temperature falls below 60°C (140°F), the disc starts playing again.

Specifications subject to change without notice.

FM tuner section

Frequency range (50 kHz Space) .....87.5 MHz – 108.0 MHz
Usable sensitivity (S/N=26dB) .....0.7 µV/75 Ω
Quieting Sensitivity (S/N=46dB).....1.6 µV/75 Ω
Frequency response (±3.0 dB) .....30 Hz – 15 kHz
Signal to Noise ratio (MONO) .....65 dB
Selectivity (DIN) (400kHz).....≥ 80 dB
Stereo separation (1 kHz) .....35 dB

MW tuner section

Frequency range (9kHz Space) .....531 kHz – 1611 kHz
Usable sensitivity (S/N=20dB) .....25 µV

LW tuner section

Frequency range .....153 kHz – 281 kHz
Usable sensitivity (S/N=20dB) .....45 µV

CD player section

Laser diode .....GaAlAs (λ=780 nm)
Digital filter (D/A) .....8 Times Over Sampling
D/A Converter .....1 Bit
Spindle speed .....500 – 200 rpm (CLV)
Wow & Flutter .....Below Measurable Limit
Frequency response (±1 dB).....10 Hz – 20 kHz
Total harmonic distortion (1 kHz).....0.01 %
Signal to Noise ratio
KDC-PS9060R .....105 dB (1 kHz)
KDC-8060R/7060R.....93 dB (1 kHz)
Dynamic range
KDC-PS9060R .....100 dB
KDC-8060R/7060R.....93 dB
Channel separation .....85 dB

Audio section

Maximum output power.....40 W × 4
Output power (DIN 45324, +B=14.4V).....27 W × 4
Tone action
Bass:.....100 Hz ±10 dB
Treble:.....10 kHz ±10 dB
Preout level / Load
KDC-PS9060R .....4000 mV/10 kΩ (During CD play)
KDC-8060R/7060R .....1800 mV/10 kΩ
Preout impedance
KDC-PS9060R .....80 Ω
KDC-8060R/7060R .....≤ 600 Ω

General

Operating voltage .....14.4 V (11 – 16 V allowable)
Current consumption .....10.0 A at Rated power
Installation size (W × H × D) .....182 × 53 × 165 mm
Weight .....2.0 kg

KENWOOD