KENWOOD

CD-RECEIVER

KDC-BT40U
KDC-BT30

INSTRUCTION MANUAL

Kenwood Corporation

Bluetooth®

Designed for Windows Media™

AAC

Made for iPod

Works with iPhone

Contents

Before Use

⚠WARNING

To prevent injury or fire, take the following precautions:

To prevent a short circuit, never put or leave any metallic objects (such as coins or metal tools) inside the unit.

Before using this unit for the first time

This unit is initially set on the Demonstration mode.

When using this unit for the first time, cancel the Demonstration mode. Refer to <Exit of the Demonstration Mode> (page 5).

Cleaning the Unit

If the faceplate of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth.
If the faceplate is stained badly, wipe the stain off with a cloth moistened with neutral cleaner, then wipe it again with a clean soft dry cloth.

⚠

Applying spray cleaner directly to the unit may affect its mechanical parts. Wiping the faceplate with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erases characters.

About the Terminals of the Unit and Faceplate

• To prevent deterioration, do not touch the terminals of the unit and faceplate with your fingers.
• If the terminals on the unit or faceplate get dirty, wipe them with a clean soft dry cloth.

Lens Fogging

When 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, this condensation on the lens may not allow CDs 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 while, consult your Kenwood dealer.

Notes

• If you experience problems during installation, consult your Kenwood dealer.
• When you purchase optional accessories, check with your Kenwood dealer to make sure that they work with your model and in your area.
• The characters which can be displayed by this unit are A-Z 0-9 @ " ' ` % & * + – = , . / \ < > [ ] ( ) : ; ^ - { } | ~ .
• The RDS feature won't work where the service is not supported by any broadcasting station.
• The illustrations of the display and the panel appearing in this manual are examples used to explain more clearly how the controls are used. Therefore, what appears on the display in the illustrations may differ from what appears on the display on the actual equipment, and some of the illustrations on the display may be inapplicable.

Handling CDs

• Do not touch the recording surface of the CD.
• Do not stick tape etc. on the CD, or use a CD with tape stuck on it.
• Do not use disc type accessories.
• Clean from the center of the disc and move outward.
• When removing CDs from this unit, pull them out horizontally.
• If the CD center hole or outside rim has burrs, use the CD only after removing the burrs with a ballpoint pen etc.

CDs that cannot be used

• CDs that are not round cannot be used.
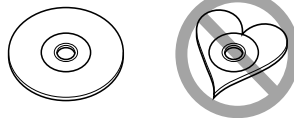
• CDs with coloring on the recording surface or CDs that are dirty cannot be used.
• This unit can only play the CDs with ⬜⬜⬜ .
This unit may not correctly play discs which do not have the mark.
• You cannot play a CD-R or CD-RW that has not been finalized. (For the finalization process refer to your CD-R/CD-RW writing software, and your CD-R/CD-RW recorder instruction manual.)
• 3 inch CD cannot be used. Attempt to insert using an adapter can cause malfunction.

Component names and functions
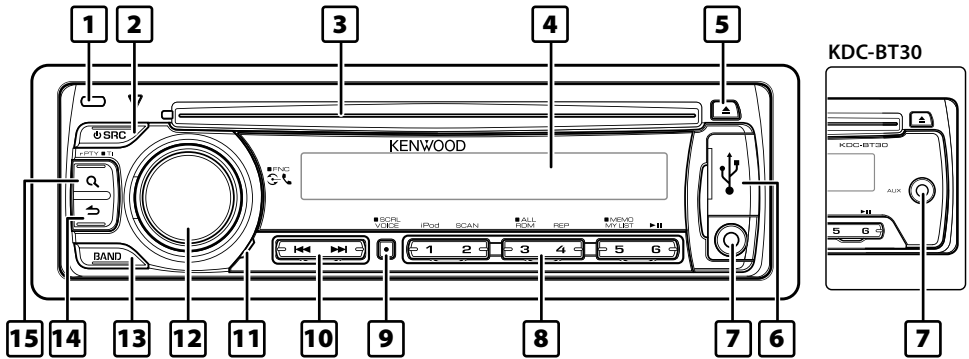
1 **Release button**
The faceplate of the unit can be detached and taken with you, helping to deter theft. Refer to <Removing the Faceplate> (page 19).

2 **[SRC] button**
To turn on this unit and select the Source.
To turn off this unit (press the button at least 1 second).

3 **Disc slot**
When inserted a disc (label side up), the source is switched automatically and a song starts playing.

4 **Display window**

5 **[▲] button**
To eject the disc.
To select the remove mode, and remove the USB device or an iPod (press the button at least 2 seconds or more).

6 **USB Terminal: KDC-BT40U only**
When connecting, open up the USB terminal lid. A USB device or an iPod can be connected.

7 **Auxiliary Input Terminal**
Portable audio device can be connected with the mini-plug (3.5 mm ø).
• Use the mini-plug cable which is stereo type and does not have any resistance.

8 **[1] – [6] button**
To recall the memorized station.
Switches the play mode between music discs, audio files, and iPod.

9 **[VOICE] button**
To make a voice dialing call.
To change text scroll. (press the button at least 1 second)

10 **[|◄◄] / [►►|] button**
To select a station, song and setting items.

11 **Microphone**
The microphone for the hands free phone is built in. When your voice cannot be recognized due to the low microphone volume, noises or echo in the vehicle. Adjust the microphone settings by "MIC GAIN", "NR LEVEL" and "EC LEVEL" of <Bluetooth Setup> (page 20).

12 **[VOL] knob**
To adjust volume.
Enters function setting mode and setting item (turn and press the knob). Refer to <Function Setting Operation> (page 5) for details.

13 **[BAND] button**
To select the receiving band, the folder for audio file.

14 **[◄] button**
To return to previous item.

15 **[Q] button**
To enter the music search mode.
To enter the PTY and Traffic information mode.
To enter the dialing mode.

General operation

Before Using

Exit of the Demonstration Mode
Turn off the demonstration mode when you use it for the first time after installation.

1 Press the [VOL] knob to quit the demonstration mode when the messages "CANCEL DEMO" and "PRESS", "VOLUME KNOB" are displayed (approx. 15 seconds).

2 Turn the [VOL] knob to select "YES" and press the [VOL] knob.

⌨
• The demonstration can be set or cancel using <Demonstration Mode Setting> (page 18).

Common Operation

Power and source select
Turns the power ON by pressing the [SRC] button.
Pressing [SRC] button each time switches between sources.
Tuner ("TUNER") ➜ USB* or iPod* ("USB" or "iPod") ➜ CD ("CD") ➜ Auxiliary input ("AUX") ➜ Standby ("STANDBY")
Keeping pressing the [SRC] button at least 1 second turns the power OFF.

⌨
• * Function is KDC-BT40U only.
• When connection of the iPod is recognized, the source display changes from "USB" to "iPod".
• The source "CD" and "iPod" can be selected when each source is ready to play.

Volume
Turning the [VOL] knob adjusts the sound volume.

Function Setting Operation

The basic operating procedure for using this function is described below. The individual function items are covered in the operating procedures.

1 Select the source
Press the [SRC] button.
Function items vary from source to source. For a list of the function items. Refer to <Function Item List> (Page 30).

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Select your desired function item
Turn the [VOL] knob and press it when the desired item is displayed.
Repeat the operation until your desired function item is selected.

⌨
Press the [◄] button to return to the previous item.
Example:
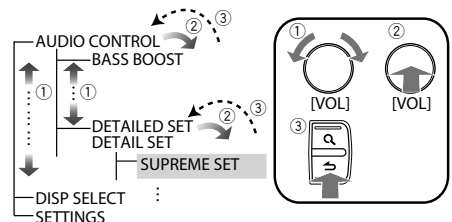
In this manual, the above selection is indicated as
Select "AUDIO CONTROL" ("AUDIO CTRL") ➤ "DETAILED SET" ("DETAIL SET") ➤ "SUPREME SET".
(" ") encloses a display appearing on the KDC-BT30. It is shown only if it differs from the one appearing on the KDC-BT40U.

4 Make a setting
Turn the [VOL] knob to select a setting value, and then press the [VOL] knob.

5 Exit Function Setting mode
Press the [◄] button for at least 1 second.

Music Disc/Audio File/iPod Operation

[SRC] [VOL]   **Disc slot**   **[⏏]**
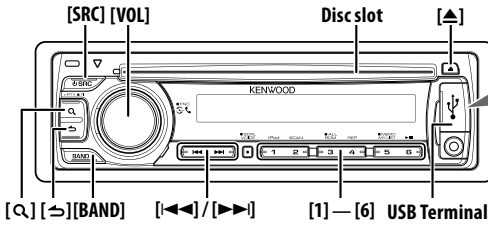
CA-U1EX

- CA-U1EX (optional accessory) is required to connect a USB device.
- KCA-iP101 (optional accessory) is required to connect an iPod.

[🔍] [↩][BAND]   **[I◄◄] / [►►I]**   **[1] — [6]**   **USB Terminal**

Basic Operation

Playing Disc
Insert a disc into the disc slot (label side up).
When inserted, the source is switched automatically and a song starts playing.
When a disc is inserted, the "IN" indicator lights up.

Playing USB device or iPod (KDC-BT40U only)
Connect a USB device or iPod to the USB terminal.
When connected, the source is switched automatically and a song starts playing.

Pause and play
Press the [6] button to pause or resume playback (track or file).

Folder select
Press the [BAND] button switches a folder.
The iPod can be operated only when a category has been selected in the search mode.

Song select
Press the [I◄◄] or [►►I] button selects a song (track or file).
Fast reverses or forwards the music while pressing the [I◄◄] or [►►I] button.
(No sound is output while playing audio file.)

Ejecting Disc
Press the [⏏] button ejects a disc.
You can eject the disc for 10 minutes after switching off the engine.

Removing USB device or iPod
**Press the [⏏] button for at least 2 seconds can be entered to the USB Remove mode ("USB REMOVE" is displayed) and the USB device, iPod can be removed safely.**

Selecting CD, USB or iPod source
Press the [SRC] button.
Select the "CD"/"USB" or "iPod" display.

Play function

Scan play
Press the [2] button.
Successively plays the intro of the music in the disc or folder.
When Scan Play is turned on, "TRACK SCAN"/ "TRAC SCAN"/ "FILE SCAN" is displayed.
Pressing this button again plays songs in the normal mode starting with the song being played now.

⊜
- The Scan play operation cannot be performed while iPod is playing.

Random play
Press the [3] button.
Randomly plays the music in the disc or folder.
When Random Play is turned on, "DISC RANDOM"/ "FOLDER RANDOM"/"FOLD RANDOM" is displayed.
Press this button again cancels the Random play.

Repeat play
Press the [4] button.
Switches between Track Repeat ("TRACK REPEAT"/ "TRAC REPEAT") and OFF ("REPEAT OFF") when pressed while playing a CD.
Switches between File Repeat ("FILE REPEAT"), Folder Repeat ("FOLDER REPEAT"/"FOLD REPEAT"), and OFF ("REPEAT OFF") when pressed while playing an audio file.

Function of KDC-BT40U with iPod

All Random

All songs in iPod are played at random.

Press the [3] button for at least 1 second.
Pressing the button toggles the setting between All random play on ("ALL RANDOM") and off ("RANDOM OFF"). Press this button again cancels the Random play.

⌨

- The time required to turn on the all random function may become longer depending on the number of songs in iPod.
- Turning on the all random function changes the iPod browse item to "SONGS". This browse item will not be changed even if the all random function is turned off.
- If the browse item is changed to search for music while the all random function is on, the all random function is turned off and the songs in the browse item are played at random.

Function of Audio file/ CD source

Music Search

Selecting the music you want to listen to from the device or media being played now.

1 Enter Music Search mode
Press the [🔍] button.
"SEARCH" is displayed.
Displays the current Audio file name.

2 Search for music

Audio file

Operation type	Operation
Move between folders/ files	Turn the [VOL] knob.
Skip Search*	Press the [◀◀] or [▶▶] button.
Select of folder/file	Press the [VOL] knob.
Return to previous folder	Press the [⏏] button.
Return to root folder	Press the [BAND] button.

"<" or ">" beside the displayed folder name indicates that this folder is preceded or followed by another folder.

CD source

Operation type	Operation
Move between track	Turn the [VOL] knob.
Select of track	Press the [VOL] knob.
Return to first track	Press the [BAND] button before selecting a track.

Cancelling the Music Search mode
Press the [⏏] button for at least 1 second.

⌨

- Skip Search: The number of songs to be skipped is determined by the ratio of the total number of songs in the list which is selected. Set the ratio with "SKIP SEARCH" of <Audio File/ iPod Setting> (page 9). Keep pushing the [◀◀] or [▶▶] button for 3 seconds or longer skips songs at 10% regardless of the setting. (KDC-BT40U only)
- * This operation is effective only for the files registered in the database created with KENWOOD Music Editor.

Function of KDC-BT40U with iPod

Music Search for iPod

Searching for the song (in iPod) you want to play.

1 Enter Music Search mode
Press the [🔍] button.
"SEARCH" is displayed.

2 Search for music

Operation type	Operation
Move between items	Turn the [VOL] knob.
Skip Search	Press the [◀◀] or [▶▶] button.
Select an item	Press the [VOL] knob.
Return to previous item	Press the [⏏] button.
Return to Top menu	Press the [BAND] button.
Search by Alphabet	Press the [🔍] button. Refer to <Alphabet Search> (page 8).

Cancelling the Music Search mode
Press the [⏏] button for at least 1 second.

⌨

- Skip Search: The number of songs to be skipped is determined by the ratio of the total number of songs in the list which is selected. Set the ratio with "SKIP SEARCH" of <Audio File/ iPod Setting> (page 9). Keep pushing the [◀◀] or [▶▶] button for 3 seconds or longer skips songs at 10% regardless of the setting.
- If no characters included in a song name can be displayed, the browse item name and digits are displayed.

Items	Display	Items	Display
Playlists	"PLIST***"	Podcasts	"PDCT***"
Artists	"ART***"	Genres	"GEN***"
Albums	"ALB***"	Composers	"COM***"
Songs	"PRGM***"		

Music Disc/Audio File/iPod Operation

Function of KDC-BT40U with iPod
Alphabet Search

You can select a song by alphabet. This function searches songs whose name contain the specified character(s) in the list of the selected browse item (artist, album, etc.).

1 Enter Music Search mode
Press the [Q] button.
"SEARCH" is displayed.

2 Enter Alphabet Search mode
Press the [Q] button.
"SEARCH <_ _ _>" is displayed.

3 Select the character to be searched for

Operation type	Operation
Select the characters	Turn the [VOL] knob.
Move the cursor to the enter character position	Press the [|◀◀] or [▶▶|] button.

You can enter up to 3 characters.

4 Determine the selected character
Press the [VOL] knob.
Start search. When the search is completed, the music search mode is selected again at the selected character position.

Cancelling the Alphabet Search mode
Press the [◀] button for at least 1 second.
⟨⟩
- The time of Alphabet search may become long depending on the number of songs or number of playlists in iPod.
- To search for a character other than A to Z and 0 to 9, enter "*" at the first character position. In this case, you cannot enter any character at the second and third character positions.
- If the first character string begins with an article "a", "an", or "the" in the alphabet search mode, it is searched for in defiance of the article.

Function of KDC-BT40U with iPod
My Playlist for iPod

Allows you to register your favorite songs in the Playlist of this unit. You can register up to 10 songs in the Playlist.

Registering Songs in the Playlist

1 Play the song you want to register
Press the [BAND], [|◀◀], and [▶▶|] button.

You can select the song to play by referring to <Music Search for iPod> (page 7).

2 Register the song
Press the [5] button for at least 2 seconds.
"## STORED (Registration number)" is displayed.
You can register up to 10 songs.
⟨⟩
- Make a Playlist from the songs stored in one iPod. If you attempt to register a song stored in a different iPod, "NO INFO" appears and then "MPLIST DELETE" appears. To delete the Playlist, turn the [VOL] knob to select "YES" and then press the [VOL] knob.
- The song displayed in the Music Search mode can be registered in the same manner. For how to use the music search function, refer to <Music Search for iPod> (page 7).
- If you attempt to register the eleventh song, "MEMORY FULL" appears and you cannot register it accordingly. To register the song, delete an unnecessary song.
- Do not register Podcasts. Songs you do not want to register may be registered, or playback may not be carried out correctly.

Playing the Song in the Playlist

1 Display the Playlist
Press the [5] button.
"MY PLAYLIST" is displayed.

2 Play the song in the Playlist
Turn the [VOL] knob to select the song you want to play, and then press the [VOL] knob.
⟨⟩
- Turning the power OFF stops playing the song in the Playlist.
- If a song does not end with at least 1 second of silence, the ending part of the song may not play out.

Deleting a Song from the Playlist

1 Turn the [VOL] knob to display the song you want to delete, and then press the [VOL] knob for at least 2 seconds.

2 Turn the [VOL] knob to select "ONE" or "ALL", and then press the [VOL] knob.
Selecting "DELETE ALL" deletes all songs.

3 Turn the [VOL] knob to select "YES", and then press the [VOL] knob.
"COMPLETED" is displayed.
⟨⟩
- You can also delete all songs from the Playlist by selecting "MPLIST DELETE" described in <Audio File/iPod Setting> (page 9).

Function of KDC-BT40U
Audio File/ iPod Setting

You can select following setting items.

1 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

2 Select the function item
Turn the [VOL] knob and press it when the desired item is displayed.
Select "SETTINGS" ➤ Function item.

Function item	Selectable setting/item
"SKIP SEARCH"	The number of songs to be skipped is determined by the ratio of the total number of songs in the list which is selected. (iPod and KENWOOD Music Editor File only) <u>0.5%</u>/1%/5%/10%
"MPLIST DELETE"	Deletes the saved My Playlist. <My Playlist for iPod>(page 8) (iPod only) NO/YES

(Factory setting: <u>Underlined</u>)

3 Make a setting
Turn the [VOL] knob and press it when the desired item is displayed.
When select "MPLIST DELETE":
Turn the [VOL] knob to select "YES", and then press the [VOL] knob.
Deletes the saved My Playlist.

4 Exit Function Setting mode
Press the [⤺] button for at least 1 second.

Function of KDC-BT40U with iPod
iPod Control by Hand Mode

Allowing you to operate iPod with the control on the iPod.

Press the [1] button.
Pressing the button toggles the setting between iPod control by hand mode on ("HANDS ON") and off ("HANDS OFF").

⊜

• In the iPod Control by hand mode, iPod cannot be operated using this unit.
• This mode is not compatible with music information display. The display will show "iPod MODE".
• iPod can be operated when it conforms to the iPod control function.

Function of remote control (Optional Accessory)
Direct Music Search

Searching the music by entering the track number.

1 Enter Direct Music Search mode
Press the [DIRECT] button.

2 Enter the music number
Press the number buttons.

3 Search the music
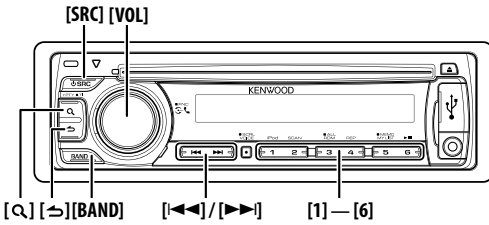**Press the [I◄◄] or [►►I] button.**

Cancelling Direct Music Search
Press the [⤺] button.

⊜

• Direct Music Search cannot be performed during playing of iPod, "Music Editor" media, Random play, or scan play.

English | **9**

Tuner Operation

[SRC] [VOL]

[Q] [⤺][BAND]   [|◄◄] / [►►|]   [1] — [6]

Basic Operation

Selecting Tuner source
Press the [SRC] button.
Select the "TUNER" display.

Selecting the Receiving Band
Press the [BAND] button.
Each time you press the button, the receiving band alternates between the FM1, FM2, FM3 and AM.

Selecting the Receiving station
Press the [|◄◄] or [►►|] button.
During reception of stereo stations the "ST" indicator lights up.

Selecting the preset channel
Press the [1] – [6] button.

Traffic information
Press the [Q] button for at least 1 second.
Turns ON or OFF the Traffic Information function.
When the function is set to ON, "TI" indicator lights up.
If traffic bulletin starts when the function is ON, "TRAFFIC INFO" ("TRAFFIC") is displayed and traffic information is received.

Station Preset Memory

Putting a station in the memory.

1 Select the frequency to put in the memory
Press the [|◄◄] or [►►|] button.

2 Select the number to put in the memory
Press the [1] – [6] button for at least 2 seconds.

⍥
- Up to 6 stations with a different band (FM/AM) can be memorized to the [1] – [6] button according to the setting of "PRESET TYPE" of <Initial Setting> (page 18).

Tuner Setting

You can select following Tuner Setting items.

1 Select the TUNER source
Press the [SRC] button.
Select the "TUNER" display.

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Select the function item
Turn the [VOL] knob and press it when the desired item is displayed.
Select "SETTINGS" > Function item.

Function item	Selectable setting/item
"LOCAL SEEK"	Only stations whose reception is good are searched in auto seek tuning. (FM band only) OFF/ON
"SEEK MODE"	Selects the tuning mode of the radio. AUTO1: Automatic search for a station. AUTO2: Search in order of the stations in the Preset memory. MANUAL: Normal manual tuning control.
"AUTO MEMORY"*	Putting stations with good reception in the memory automatically. NO/YES
"MONO SET"	You can reduce the noise when stereo broadcasts are received as monaural. (FM band only) OFF/ON
"NEWS SET"	Automatically receives news bulletin when it starts. Set the time during which interrupt is to be disabled after start of another news bulletin. Changing "NEWS 00M" to "NEWS 90M" turns this function ON. If news bulletin starts when this function is ON, "NEWS" is displayed and news is received. If "20M" is has been set, reception of another news bulletin will not start for 20 minutes. The news bulletin volume is the same level that was set for Traffic Information. OFF/00M — 90M
"AF SET"	When station reception is poor, automatically switches to the station that is broadcasting the same program over the same RDS network. OFF/ON
"RDS REGIONAL" "RDS REG"	Sets whether to switch to the station only in the specific region using the "AF" control. OFF/ON
"AUTO TP SEEK" ("ATP SEEK")	When traffic information station reception is poor, automatically searches for a station that can be received better. OFF/ON

(Factory setting: <u>Underlined</u>)

4 Make a setting
Turn the [VOL] knob and press it when the desired item is displayed.
When select "AUTO MEMORY":
Turn the [VOL] knob to select "YES", and then press the [VOL] knob.
When 6 stations that can be received are put in the memory, auto memory entry closes.

5 Exit Function Setting mode
Press the [⬑] button for at least 1 second.

⊜
• * This setting can be made when "TYPE NORMAL" ("TYPE NORM") is selected for the "PRESET TYPE" of <Initial Setting> (page 18).

PTY (Program Type)

Selecting the Program Type below and searching for a station.

Program Type	Display	Program Type	Display
Speech	"SPEECH"	Serious Classical	"CLASSICS"
Music	"MUSIC"	Other Music	"OTHER M"
News	"NEWS"	Weather	"WEATHER"
Current Affairs	"AFFAIRS"	Finance	"FINANCE"
Information	"INFO"	Children's programs	"CHILDREN"
Sport	"SPORT"	Social Affairs	"SOCIAL"
Education	"EDUCATE"	Religion	"RELIGION"
Drama	"DRAMA"	Phone In	"PHONE IN"
Culture	"CULTURE"	Travel	"TRAVEL"
Science	"SCIENCE"	Leisure	"LEISURE"
Varied	"VARIED"	Jazz Music	"JAZZ"
Pop Music	"POP M"	Country Music	"COUNTRY"
Rock Music	"ROCK M"	National Music	"NATION M"
Easy Listening Music	"EASY M"	Oldies Music	"OLDIES"
		Folk Music	"FOLK M"
Light Classical	"LIGHT M"	Documentary	"DOCUMENT"

• Speech and Music include the Program type shown below.
  Music: Items in the white letters.
  Speech: Items in the black letters.

1 Enter PTY mode
Press the [🔍] button.
During PTY mode the "🔍" indicator is ON.
(KDC-BT40U only)

2 Select the Program Type
Turn the [VOL] knob.

3 Search for the selected Program Type station
Press the [|◄◄] or [►►|] button.

4 Exit PTY mode
Press the [⬑] button.

⊜
• This function cannot be used during a traffic bulletin or AM reception.
• When the selected Program Type is not found, "NO PTY" is displayed. Select another Program Type.

Program Type Preset

Putting the Program Type in the Preset button memory and quick recall.

Presetting the Program Type

1 Select the Program Type to preset
Refer to <PTY (Program Type)> (page 11).

2 Preset the Program Type
Press the desired [1] — [6] button for at least 2 seconds.

Recalling the preset Program Type

1 Enter PTY mode
Refer to <PTY (Program Type)> (page 11).

2 Recall the Program Type
Press the desired [1] — [6] button.

Changing Language for PTY Function

Selecting the Program Type display language as follows.

Language	Display
English	"ENGLISH"
French	"FRENCH"
German	"GERMAN"

1 Enter PTY mode
Refer to <PTY (Program Type)> (page 11).

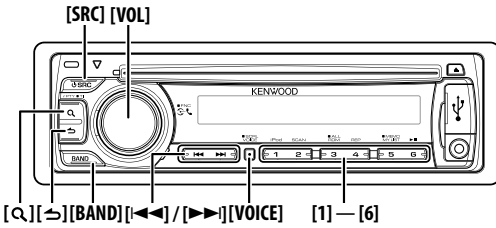**2 Enter Changing Language mode**
Press the [🔍] button.

3 Select the language
Turn the [VOL] knob.

4 Exit Changing Language mode
Press the [VOL] knob.

Operation of Hands-Free Phoning

[SRC] [VOL]

[Q][⤺][BAND][|◄◄] / [►►|][VOICE]   [1] — [6]

Connecting a Bluetooth Device

Before use the Bluetooth device, you need to connect Bluetooth device to this unit. The following 3 steps procedure is necessary.

Step 1. _Pairing (Registering from Bluetooth devices)_

To make your Bluetooth device (cell-phone) usable with this unit, you need to register it (pairing).

1 Turn on this unit.
Press the [SRC] button.

2 Start registering this unit by operating the Bluetooth device
By operating the Bluetooth device, register the hands-free unit (pairing). Select "KENWOOD BT CD/R-3P1" from the list of connected units.

3 Enter a PIN code
Input the PIN code ("0000") in the Bluetooth device.
Check that registration is complete on the Bluetooth device. PIN code is set to "0000" as the default. You can change this code. Refer to <Registering PIN Code> (page 22).

4 By operating the Bluetooth device, start hands-free connection.

Step 2. _Connection_

If you have registered 2 or more cell-phones, you need to select one of them. For more details, see <Selecting the Bluetooth Device You Wish to Connect> (page 23).
When a cell-phone is connected, the "BT" indicator lights up.

Step 3. _Hands-free phoning_

You can do hand-free phoning when the connection is made.

(✎)
- When registering from this unit. Refer to <Registering Bluetooth Device> (page 21).
- For details on the Bluetooth cell-phone with the hands-free function, see <About the Cell-Phone> (page 29).

Making a Call

You can select following dialing method.

1 Enter Bluetooth mode
Press the [VOL] knob.
"BT MODE" is displayed.

2 Enter dialing method mode
Press the [Q] button.
"PHONE BOOK" is displayed.

3 Select a dialing method
Turn the [VOL] knob and press it when the desired item is displayed.

Display	Overview
"PHONE BOOK"	Selecting the initial to be searched or name for the phone book.
"OUT-CALL"	Calling a number in the outgoing call list.
"IN-CALL"	Calling a number in the incoming call list.
"MISSED CALLS" ("MIS-CALL")	Calling a number in the missed calls list.
"NUMBER DIAL"	Making a call by entering phone number.

Operation method of each mode is described below.

4 Exit the dialing method mode
Press the [⤺] button for at least 1 second.

Disconnecting a Call
Press the [SRC] button.

Calling a Number in the Phone Book

1 Select the Phone Book mode
For how to select dialing method, refer to <Making a Call> (page 12).
Select the "PHONE BOOK" display.

2 Select the initial to be searched for

Operation type	Operation
Move to the next character.	Turn the [VOL] knob.
Move to the next row.	Press the [BAND] button.
Determine the selected initial.	Press the [VOL] knob.

3 Select the name

Operation type	Operation
Move to the next phone number.	Turn the [VOL] knob.
Move to the next name.	Press the [I◀◀] or [▶▶I] button.

4 Make a call
Press the [VOL] knob.

⚫
- To use the Phone Book, it must be downloaded to this unit in advance. Refer to <Downloading the Phone Book> (page 22).
- During search, a non-accent character such as "u" is searched for instead of an accent character such as "ü".

Calling a Number in the Call Log

1 Select the call log mode
For how to select dialing method, refer to <Making a Call> (page 12).
Select the "OUT-CALL" (outgoing call), "IN-CALL" (incoming call), or "MISSED CALLS" ("MIS-CALL") (missed call) display.

2 Select a name or phone number
Turn the [VOL] knob.

3 Make a call
Press the [VOL] knob.

⚫
- The outgoing call list and the incoming call list, and the missed call list are the lists of calls originated from and received at this unit. They are not the ones stored in the cell-phone memory.

Dial a Number

1 Select the number dial mode
For how to select dialing method, refer to <Making a Call> (page 12).
Select the "NUMBER DIAL" display.

2 Enter a phone number

Operation type	Operation
Select the numbers.	Turn the [VOL] knob.
Move to the next digit.	Press the [▶▶I] button.
Delete the last digit.	Press the [I◀◀] button.

- **Press the number ([1] – [0]), #([FM]), *([AM]), or +([▶▶I]) button on the remote controller.**

3 Make a call
- **Press the [VOL] knob.**
- **Press the [OK] button on the remote controller.**

⚫
- You can input max 25 digits.

Make a Voice Dialing Call

1 Enter voice recogntion mode
Press the [VOICE] button.
"V-RECG READY" ("VR READY") is displayed.

2 Press the [VOL] knob.
"PB NAME" is displayed.
When a beep is heard, say the name within 2 seconds.

3 "PN TYPE" is displayed.
When a beep is heard, say the category name within 2 seconds.

4 Make a call
Press the [VOL] knob.

Move to the next phone number
Turn the [VOL] knob.

⚫
- If your voice cannot be recognized, a message is displayed. Pressing the [VOL] knob allows you to retry voice input. (page 37)
- Both the name and category require registration of a voice tag. (page 24)
- Audio sound is not output during voice recognition.

Registering to the Preset Dial Number (Preset Memory)

1 Enter the phone number you wish to register
Enter the phone number with reference to the following:
Dial a number/ Calling a number in the call log/ Calling a number in the Phone Book

2 Select the number to put in the memory
Press the [1] – [6] button for at least 2 seconds.

Operation of Hands-Free Phoning

Speed Dialing (Preset Dial)

1 **Select the number you want to recall from the memory**
Press the [1] – [6] button.

2 **Make a call**
Press the [VOL] knob.

/⊜\
• You need to register the preset dial number.

Receiving a Call

Answering a Phone Call
Press the [VOL] knob.

/⊜\
• The following operations disconnect the line:
  - Insert a CD.
  - Connect a USB device.
• The name of the calling party is displayed if it has already been registered in the Phone Book.

Rejecting an Incoming Call
Press the [SRC] button.

During a Call

Disconnecting a Call
Press the [SRC] button.

Switching to the Private Mode
Press the [6] button.
Switches between Private talk ("PRIVATE TALK") and Hands-free talk each time this button is pressed.

/⊜\
• Depending on the type of your cell-phone, switching to the private talk mode may select the source that was used before commencing the hands-free connection. If this happens, the source cannot be switched back to the hands-free talk mode by operating this unit. Operate your cell-phone to return to the hands-free talk mode.

Adjusting the Voice Volume during a Call
Turn the [VOL] knob.

Call Waiting

Answering Another Incoming Call with the Current Call Suspended
1 **Press the [VOL] knob.**

2 **Turn the [VOL] knob and press it when the desired item is displayed.**
Select "ANSWER".

Answering another Incoming Call after Terminating the Current Call
Press the [SRC] button.

Continuing the Current Call
1 **Press the [VOL] knob.**

2 **Turn the [VOL] knob and press it when the desired item is displayed.**
Select "REJECT".

Answering the Waiting Call after Terminating the Current Call
Press the [SRC] button.

Switching between the Current Call and Waiting Call
Press the [VOL] knob.
Each pressing of this knob switches the calling party.

Other Functions

Clearing the Disconnection Message
Press the [VOL] knob.
"HF DISCONCT" disappears.

Switching between Display Modes
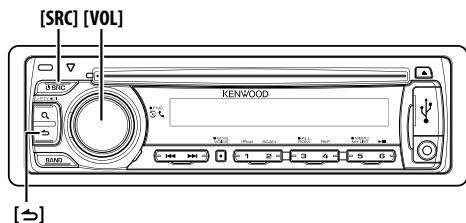**Press the [Q] button.**
Pressing this button each time switches between name and telephone number.

Display of Phone Number Type (Category)

The category items in the Phone Book are displayed as follows.

Display	Information
"GE"	General
"HM"	Home
"OF"	Office
"MO"	Mobile
"OT"	Other

Audio Adjustments

[SRC] [VOL]

[⤴]

Audio Control

You can adjust following Audio Control items.

1 Select the source
Press the [SRC] button.
Select the "TUNER"/"USB" or "iPod"/
"CD"/"AUX" display.

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Select the function item
Turn the [VOL] knob and press it when the desired item is displayed.
Select "AUDIO CONTROL" ("AUDIO CTRL") ➣ Function item or select "AUDIO CONTROL" ("AUDIO CTRL") ➣ "DETAILED SET" ("DETAIL SET") ➣ Function item.

Function item	Selectable setting/item
"SUBWOOFER SET" ("SUB-W SET")	Turns on/off the subwoofer output. OFF/<u>ON</u>
"BASS BOOST"	Selects bass boost setting mode. OFF/<u>LV1</u>/LV2 (The indicator turns on according to the setting.)
"SYSTEM Q"	Switches between the following preset equalizer curves. "EQ" indicator is lights when System Q is set to an EQ mode other than "NATURAL". <u>NATURAL</u>/USER/ROCK/POPS/EASY/TOP40/ JAZZ/GAME For USER: This appears when Bass level, Middle level, and Treble level are adjusted.
"BASS LEVEL"	You can set bass level for each source. −8 — <u>0</u> — +8
"MID LEVEL"	You can set middle level for each source. −8 — <u>0</u> — +8
"TRE LEVEL"	You can set treble level for each source. −8 — <u>0</u> — +8
"BALANCE"	Adjusts left/right speaker balance. (Left) L15 — <u>0</u> — R15 (Right)
"FADER"	Adjusts front/rear speaker balance. (Rear) R15 — <u>0</u> — F15 (Front)
"SUB-W LEVEL"	You can set subwoofer level. −15 — <u>0</u> — +15
"DETAILED SET" ("DETAIL SET")	Move to detailed item.
"LPF SUBWOOFER" ("LPF SUB-W")	Selects cut off frequency of subwoofer output. 85/120/160/<u>THROUGH (OFF)</u> Hz
"SUB-W PHASE"	Selects the phase of subwoofer output. REVERSE (180°)/ <u>NORMAL (0°)</u>
"SUPREME SET"	Turns on/off the supreme function. OFF/<u>ON</u>
"VOLUME OFFSET" ("VOL OFFSET")	Sets each source's volume as a difference from the basic volume. −8 — <u>0</u> — +8 (AUX: −8 — <u>0</u> — +8)

(Factory setting: <u>Underlined</u>)

4 Make a setting
Turn the [VOL] knob and press it when the desired item is displayed.

5 Exit Function Setting mode
Press the [⤴] button for at least 1 second.

- **SUPREME:**
 Technology to extrapolate and supplement with proprietary algorithm, the high-frequency range that is cut off when encoding at low bit rate (less than 128Kbps, Sampling frequency is 44.1kHz).
  Supplementing is optimized by compression format (MP3, WMA and AAC) and processed according to bit rate. The effect is negligible with music that is encoded at high bit rate, variable bit rate or has minimal high frequency range.

Display Settings

[SRC] [VOL]

[⤺]   [VOICE]
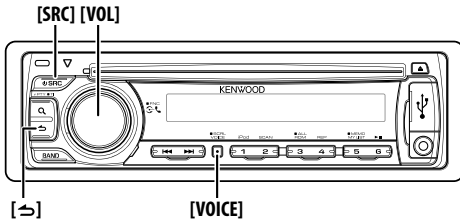
Display Selection

Changing displayed information on each source following.

1 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

2 Enter Display Select mode
Turn the [VOL] knob and press it when the desired item is displayed.
Select "DISP SELECT".

3 Select the text
Turn the [VOL] knob and press it when the desired item is displayed.

In Tuner source

Information	Display
Program Service name or Frequency	"FREQUENCY/PS" ("FREQ/PS")
Radio text, Program Service name or Frequency	"RADIO TEXT"
Clock	"CLOCK"

In Audio file/ iPod source

Information	Display
Music title & Artist name	"TITLE/ARTIST" ("TITLE")
Album & Artist name	"ALBUM/ARTIST" ("ALBUM")
Folder name	"FOLDER NAME"
File name	"FILE NAME"
Play time & Music number	"P-TIME"
Clock	"CLOCK"

In CD source

Information	Display
Disc title	"DISC TITLE"
Track title	"TRACK TITLE"
Play time & Track number	"P-TIME"
Clock	"CLOCK"

In Standby/ Auxiliary input source

Information	Display
Source name	"SOURCE NAME"
Clock	"CLOCK"

4 Exit Function Setting mode
Press the [⤺] button for at least 1 second.

⌐⌐⌐

- When you select the clock display, the display setting of each source will be changed to the clock display.
- If the selected display item does not have any information, alternative information is displayed.
- When selecting "FOLDER NAME" while playing with iPod, names will be displayed depending on currently selected browsing items.
- If the iPod Control by Hand Mode is set to on while playing the iPod, "iPod MODE" is displayed.
- If all characters cannot be displayed while playing with iPod, the file number in the list is displayed.

Information	Display
Music title	"TITLE***"
Folder name	"FOLDER***"
File name	"FILE***"

Text Scroll

Scrolling the displayed File name, Song title, etc.

Press the [VOICE] button for at least 1 second.

Display Setting

You can select following Display Setting items.

1 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

2 Select the function item
Turn the [VOL] knob and press it when the desired item is displayed.
Select "SETTINGS" ➤ "DISPLAY" ➤ Function item.

Function item	Selectable setting/item
"DIMMER SET"	Adjusts the brightness of the display according to the surrounding illumination. OFF/ON
"TEXT SCROLL"	Scrolling the displayed File name, Song title, etc. Selecting AUTO scrolls them automatically. AUTO/MANUAL
"BT DVC STATUS" ("DVC STATUS")	You can display the connection status, signal strength, and battery level of cell-phone. HF-CON: Connection status. BATT: Battery level of cell-phone. SIGNAL: Signal strength of cell-phone. • Data are not displayed if information cannot be obtained from the cell-phone. • Since the number of steps of this unit is different from that of the cell-phone, the statuses displayed on this unit may discord from those displayed on the cell-phone.

(Factory setting: Underlined)

3 Make a setting
Turn the [VOL] knob and press it when the desired item is displayed.

4 Exit Function Setting mode
Press the [⏏] button for at least 1 second.

Auxiliary Input Display Setting

Selecting the display when changing to Auxiliary input source.

1 Select the AUX source
Press the [SRC] button.
Select the "AUX" display.

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Enter Auxiliary input display setting mode
Turn the [VOL] knob and press it when the desired item is displayed.
Select "SETTINGS" ➤ "AUX NAME SET" ("AUX NAME").
The presently selected Auxiliary input display is displayed.
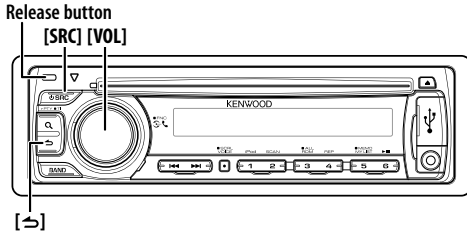
4 Select the Auxiliary input display
Turn the [VOL] knob and press it when the desired item is displayed.
"AUX"/ "DVD"/ "PORTABLE"/ "GAME"/ "VIDEO"/ "TV"

5 Exit Function Setting mode
Press the [⏏] button for at least 1 second.

Other Functions

Release button
[SRC] [VOL]

[⏏]

Clock Adjustment

1 Turn on this unit.
Press the [SRC] button.

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Cancelling "TIME SYNC" mode
Turn the [VOL] knob and press it when the desired item is displayed.
Select "SETTINGS" ❯ "CLOCK" ❯ "TIME SYNC".

Turn the [VOL] knob to select "OFF", and then press the [VOL] knob.

Display	Overview
"CLOCK ADJUST"	Sets the clock. You can do this adjustment when "TIME SYNC" is set to "OFF".
"TIME SYNC"	Synchronizing the RDS station time data and this unit's clock. OFF/<u>ON</u>

(Factory setting: <u>Underlined</u>)

4 Enter Clock adjustment mode
Turn the [VOL] knob and press it when the desired item is displayed.
Select "SETTINGS" ❯ "CLOCK" ❯ "CLOCK ADJUST" ("CLOCK ADJ").
The hour display blinks

5 Adjusting Clock
Turn the [VOL] knob to set the hours and press it when to finish the hour adjusting.
The minute display blinks.
Turn the [VOL] knob to set the minutes and press it when to finish the minute adjusting.

6 Exit Function Setting mode
Press the [⏏] button for at least 1 second.

Demonstration Mode Setting

Turning the demonstration mode ON/OFF.

1 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

2 Select Demonstration mode
Turn the [VOL] knob and press it when the desired item is displayed.
Select "DEMO MODE".

3 Set the Demonstration mode
Turn the [VOL] knob and press it when the desired item is displayed.
Select "ON" or "OFF".

4 Exit Function Setting mode
Press the [⏏] button for at least 1 second.

Initial Setting

You can select following Initial Setting items.

1 Select the Standby source
Press the [SRC] button.
Select the "STANDBY" display.

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Select the function item
Turn the [VOL] knob and press it when the desired item is displayed.
Select "INITIAL SET" ❯ Function item.

Function item	Selectable setting/item
"PRESET TYPE"	<u>TYPE NORMAL (TYPE NORM)</u>: 1 station can be assigned to 1 preset button in each of 4 bands (FM1, FM2, FM3, and AM), i.e., a total of 24 stations (6 stations x 4 bands) can be preset. **TYPE MIX**: A total of 6 stations can be assigned to a total of 6 preset buttons regardless of band (FM1, FM2, FM3, and AM). You can recall a preset station without switching between bands.
"KEY BEEP"	Setting the operation check sound (beep sound) on/off. OFF/<u>ON</u>

"RUSSIAN SET"	When this is set to ON, the following character strings are displayed in Russian. (Folder name/ File name/ Song title/ Artist name/ Album name) **OFF**/ON А Б В Г Д Е Ж З И Й К Л М Н О П Р С Т У Ф Х Ц Ч Ш Щ Ъ Ы Ь Э Ю Я
"P-OFF WAIT"	Setting the timer to turn this unit's power OFF automatically when Standby mode continues. Using this setting can save the vehicle's battery power. – – –: Power OFF Timer function is OFF. **20M**: Turns the power OFF after 20 minutes. 40M: Turns the power OFF after 40 minutes. 60M: Turns the power OFF after 60 minutes.
"BUILT-IN AUX" ("BUILTIN AUX")	When this is set to ON, AUX source can be selected. **ON1**: Outputs the sound of external unit connected to the AUX terminal when switched to AUX source. ON2: Activates the attenuator function when turning on the power with AUX source selected. Cancel the attenuator function by turning the volume knob clockwise when listening to the audio of the external equipment. OFF: Disables the selection of AUX source. Set to OFF when not using the AUX terminal.
"CD READ"	Sets the method for reading CD. **1**: Automatically distinguishes between audio file disc and music CD when playing disc. 2: Forces playing as music CD.
"SWITCH PREOUT" ("SWITCH PRE")	Switches the preout between rear output ("REAR") and subwoofer output ("SUB-W") **REAR**/SUB-W
"SP SELECT"	Fine-tuning so that the System Q value is optimal when setting the speaker type as follows; **SP OFF**: OFF SP 5/4: For 5 & 4 in. speaker SP 6*9/6: For 6 & 6x9 in. speaker SP OEM: For the OEM speaker
"F/W UP"	Display the firmware version and update the firmware. **MEDIA USB**: Select a USB device. MEDIA CD: Select CD. (With the KDC–BT30, CD is selected.) For how to update the firmware, access our web site. http://www.kenwood.com/cs/ce/

(Factory setting: Underlined)

4 Make a setting

Turn the [VOL] knob and press it when the desired item is displayed.

5 Exit Function Setting mode

Press the [⏏] button for at least 1 second.
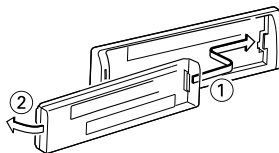
Removing the Faceplate

The faceplate of the unit can be detached and taken with you, helping to deter theft.

Detach the faceplate
Press the Release button.

Reattaching the Faceplate
Refer to the following diagram when reattaching the faceplate.

⚠

• After pressing the Release button, detach the faceplate immediately. If the faceplate is left attached, it can fall due to vibration and so on.
• The faceplate is a precision piece of equipment and can be damaged by shocks or jolts.
• Keep the faceplate in its faceplate case while detached.
• Do not place the faceplate (and the faceplate case) in areas exposed to direct sunlight, excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
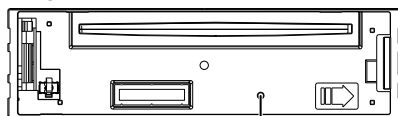
How to Reset Your Unit

If the unit fails to operate properly, press the Reset button. The unit returns to factory settings when the Reset button is pressed.

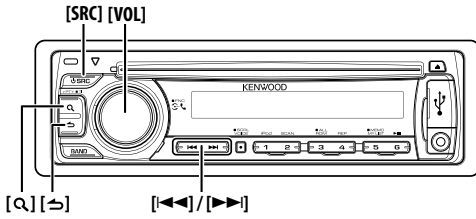**1 Release the faceplate lock so that it can be removed.**

Refer to <Removing the Faceplate> (page 19).

2 Press the Reset button and reattaching the faceplate.

Reset button

Bluetooth Setup

[SRC] [VOL]

[Q] [⬐]   **[|◀◀] / [▶▶|]**

Bluetooth Setup

You can select following Bluetooth Setup items.

1 Enter Bluetooth mode
Press the [VOL] knob.
"BT MODE" is displayed.

2 Enter Function Setting mode
Press the [VOL] knob for at least 1 second.
"FUNCTION" is displayed.

3 Select the function item
Turn the [VOL] knob and it when the desired item is displayed.
Select "SETTINGS" ≽ Function item or select "SETTINGS" ≽ "DETAILED SET" ("DETAIL SET") ≽ Function item.

Function item	Selectable setting/item
"PHONE SELECT" ("PHONE SEL")	Selects a cell-phone connection. Refer to <Selecting the Bluetooth Device You Wish to Connect> (page 23).
"SMS DOWNLOAD" ("SMS DL")	Download a short message. Refer to <Downloading the SMS> (page 23).
"SMS INBOX"	Display the received short message. Refer to <SMS (Short Message Service)> (page 24).
"VOICE TAG"	Registers voice for voice recognition and voice to select the Phone number category in Phone book. Refer to <Adding a Voice Dialing Command> (page 24) and <Setting a Voice Command for Category> (page 25).
"DETAILED SET" ("DETAIL SET")	Move to detailed item.
"DEVICE REGIST" ("DVC REGIST")	Registers a Bluetooth device (pairing). Refer to <Registering Bluetooth Device> (page 21).
"S-DVC SELECT" ("S-DVC SEL")	
"DEVICE DELETE" ("DVC DELETE")	Cancel registration of the Bluetooth device. Refer to <Deleting a Registered Bluetooth Device> (page 21).
"PIN CODE EDIT" ("PIN EDIT")	Specify the PIN code required when registering this unit using the Bluetooth device. Refer to <Registering PIN Code> (page 22).

"AUTO ANSWER"	This function automatically answers (responds to) a call after lapse of the preset time interval for automatic answer. **OFF**: Does not answer the phone call automatically. **0**: Automatically answers the phone call at once. **1 – 8 –99**: Automatically answers the phone call after lapse of 1 – 99 seconds.
"BT SP SELECT" ("BT SP SEL")	You can specify the audio output speakers. Select the speaker which is further from the microphone in order to prevent howling or echoes. <u>SP FRONT</u>: Outputs audio from the front-left and front-right speakers. **SP ALL**: Outputs audio from the all speakers.
"CALL BEEP"	You can output a beep from the speaker when a call comes in. <u>ON</u>: Beep is heard. **OFF**: Beep is canceled
"BT F/W UPDATE" ("BT UPDATE")	Display the firmware version and update the firmware. Refer to <Displaying the Firmware Version> (page 22).
"MIC GAIN"	Adjust the sensitivity of the built-in microphone for a telephone call. Adjust the voice of caller. Setting to "+" increases the voice volume. **−3 – <u>0</u> – +3**
"NR LEVEL"	Reduce the noises generated by surrounding environment without changing the built-in microphone volume. Adjust the voice of caller when it is not clear. Setting to "+" increases the noise reduction. **−3 – <u>0</u> – +3**
"EC LEVEL"	Adjust the level of echo cancellation. Setting to "+" increases the echo cancel reduction. **−2 – <u>0</u> – +2**

(Factory setting: <u>Underlined</u>)

4 Make a setting
Turn the [VOL] knob and press it when the desired item is displayed.

5 Exit Function Setting mode
Press the [⬐] button for at least 1 second.

Registering Bluetooth Device (Pairing)

To make your Bluetooth device (cell-phone) usable with this unit, you need to register it (pairing). You can register up to 5 Bluetooth devices to this unit.

Registering from this unit

1 Select Bluetooth device registration mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" ➤ "DETAILED SET" ("DETAIL SET") ➤ "DEVICE REGIST" ("DVC REGIST).

2 Enter Bluetooth device registration mode
Press the [VOL] knob.
Search for the Bluetooth device.
When search is completed, "FINISHED" is displayed.

3 Select the Bluetooth device
Turn the [VOL] knob and press it when the desired Bluetooth device name is displayed.

4 Input the PIN code

Operation type	Operation
Select the numbers.	Turn the [VOL] knob.
Move to the next digit.	Press the [▶▶|] button.
Delete the last digit.	Press the [|◀◀] button.

5 Transmit the PIN code
Press the [VOL] knob.
If "PAIRING OK" is displayed, registration is completed. If the error message appears even though the PIN code is correct, try Registering Special Bluetooth device.

6 Return to the device list
Press the [VOL] knob.

7 Exit Function Setting mode
Press the [◀━] button for at least 1 second.

⏍
- This unit allows up to 8 digits to be input for a PIN code. If a PIN code cannot be input from this unit, it can be input from the Bluetooth device.
- If there are 5 or more Bluetooth devices registered, you cannot register a new Bluetooth device.

Registering Special Bluetooth device
Allow registration of a special device that cannot be registered normally (pairing).

1 Select Special device registration mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" ➤ "DETAILED SET" ("DETAIL SET") ➤ "S-DVC SELECT" ("S-DVC SEL").

2 Enter Special device registration mode
Press the [VOL] knob.
A list is displayed.

3 Select a device name
Turn the [VOL] knob and press it when the desired device name is displayed.
If "COMPLETE" is displayed, registration is completed.

4 Go through the procedure step 3 of <Registering from this unit> and complete the registration (pairing).

Cancelling Special device registration mode
Press the [◀━] button for at least 1 second.

⏍
- If the device name is not in the list, select "OTHER PHONE".

Deleting a Registered Bluetooth Device

You can delete a registered Bluetooth device.

1 Select Bluetooth device deletion mode
For how to select setup item, refer to <Bluetooth Setup> (page 20)
Select "SETTINGS" ➤ "DETAILED SET" ("DETAIL SET") ➤ "DEVICE DELETE" ("DVC DELETE").

2 Enter Bluetooth device deletion mode
Press the [VOL] knob.
"(name)" is displayed.

3 Select the Bluetooth device
Turn the [VOL] knob.

4 Delete the selected Bluetooth device
Press the [VOL] knob.
"DELETE" is displayed.

5 Exit Function Setting mode
Press the [◀━] button for at least 1 second.

⏍
- When a registered cell-phone is deleted, its Phone Book, log, SMS, and voice tag are also deleted.

Bluetooth Setup

Registering PIN Code

By operating the Bluetooth device, specify the PIN code necessary for registering this unit.

1 Select PIN code edit mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" > "DETAILED SET" ("DETAIL SET") > "PIN CODE EDIT" ("PIN EDIT").

2 Enter PIN code edit mode
Press the [VOL] knob.
The current setting of PIN code is displayed.

3 Input the PIN code

Operation type	Operation
Select the numbers.	Turn the [VOL] knob.
Move to the next digit.	Press the [▶▶|] button.
Delete the last digit.	Press the [|◀◀] button.

4 Register a PIN code
Press the [VOL] knob.
If "COMPLETE" is displayed, registration is completed.

5 Exit Function Setting mode
Press the [⏎] button for at least 1 second.

⟨⟩
• By default, "0000" is specified.
• A PIN code can be specified with up to 8 digits.

Displaying the Firmware Version

Display the version of the firmware of this unit.

1 Enter Bluetooth Firmware update mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" > "DETAILED SET" ("DETAIL SET") > "BT F/W UPDATE" ("BT UPDATE").

2 Enter Bluetooth Firmware update mode
Press the [VOL] knob.
The firmware version appears.

3 Exit Function Setting mode
Press the [⏎] button for at least 1 second.

⟨⟩
• For how to update the firmware, access our web site.
http://www.kenwood.com/cs/ce/bt/

Downloading the Phone Book

Download the phone book data from the cell-phone to this unit so that you can use the Phone Book of this unit.

To download automatically

If the cell-phone supports a phone book synchronization function, the phone book is downloaded automatically after Bluetooth connection.

⟨⟩
• Setting on the cell-phone may be required.
• If no phone book data is found in the unit even after the compete display, your cell-phone may not support automatic download of phone book data. In this case, try downloading manually.

To download from the cell-phone manually

1 By operating the cell-phone, end the hands-free connection.

2 By operating the cell-phone, send the phone book data to this unit
By operating the cell-phone, download the phone book data to this unit.
• During downloading:
"DOWNLOADING" is displayed.
• After completion of downloading:
"COMPLETE" is displayed.

3 By operating the cell-phone, start the hands-free connection.

⟨⟩
• Up to 1000 person phone numbers can be registered for each registered cell-phone.
• Up to 25 digits can be registered for each phone number along with up to 50* characters representing a name.
(* 50: Number of alphabetic alphabetical characters. Fewer characters can be input depending on the type of characters.)
• To cancel downloading of the phone book data, operate the cell-phone.

Selecting the Bluetooth Device You Wish to Connect

When 2 or more Bluetooth devices have already been registered, you need to select the Bluetooth device you wish to use.

1 Select Bluetooth device selection mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" ➤ "PHONE SELECT" ("PHONE SEL").

2 Enter Bluetooth device selection mode
Press the [VOL] knob.
"(name)" is displayed.

3 Select the Bluetooth device
Turn the [VOL] knob.

4 Set up the Bluetooth device
Press the [VOL] knob.
'✱(name)' or '-(name)' is displayed.
"✱": The selected Bluetooth device is busy.
"-": The selected Bluetooth device is on standby.
" " (blank): The Bluetooth device is deselected.

5 Exit Function Setting mode
Press the [⏏] button for at least 1 second.

⟨⟨⟩⟩
• If a cell-phone is already selected, deselect it, and then select a different one.

Downloading the SMS

Download the short message (SMS) arrived at the cell-phone so that it can be read on this unit.

1 Select SMS download mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" ➤ "SMS DOWNLOAD" ("SMS DL").

2 Enter SMS download mode
Press the [VOL] knob.
"DOWNLOADING" is displayed.
When the downloading finishes, "COMPLETE" is displayed.

3 Exit Function Setting mode
Press the [⏏] button for at least 1 second.

⟨⟨⟩⟩
• The cell-phone must be able to transmit the SMS using Bluetooth. Setting on the cell-phone may be required. If the cell-phone does not support SMS function, the SMS download item in Function Control mode is not displayed.
• When the SMS is downloaded from the cell-phone, the unopened messages in the cell-phone are opened.

Bluetooth Setup

SMS (Short Message Service)

The SMS arrived at the cell-phone is displayed on the receiver.
A newly arrived message is displayed.

⚠

- To prevent car accidents, the driver should not read the SMS while driving.

When a new message arrives

"SMS RECEIVED" ("NEW SMS") is displayed.
The display disappears with any operations.

Displaying the SMS

1 Select SMS Inbox mode
For how to select setup item, refer to <Bluetooth Setup> (page 20)
Select ➤ "SETTINGS" ➤ "SMS INBOX".

2 Enter SMS Inbox mode
Press the [VOL] knob.
A message list appears.

3 Select a message
Turn the [VOL] knob.
Each pushing of the [Q] button switches between telephone number or name and message reception date.

4 Display the text
Press the [VOL] knob.
Turning the [VOL] knob scrolls the message.
Pressing the [VOL] knob again returns to the message list screen.

5 Exit Function Setting mode
Press the [⬏] button for at least 1 second.

✎

- The unopened message is displayed at the beginning of the list. Other messages are displayed in the order of reception.
- The SMS that has arrived when the cell-phone is not linked with Bluetooth cannot be displayed. Download the SMS.
- The short message cannot be displayed during downloading the SMS.
- Unread messages are prefixed with an asterisk (*).

Adding a Voice Dialing Command

Add a voice tag to the phone book for voice dialing.
You can register up to 35 voice tags.

1 Select Phone book name edit mode
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" ➤ "VOICE TAG".

2 Enter Voice Tag edit mode
Press the [VOL] knob.

3 Enter Phone book name edit mode
Turn the [VOL] knob to select "PB NAME EDIT" ("PB NAME EDT"), and then press the [VOL] knob.

4 Search for the name to register
Select the name to register with reference to 3 in <Calling a Number in the Phone Book> (page 12).
If a voice tag has already been registered for a name, "*" is displayed before the name.

5 Select a mode
Turn the [VOL] knob.

Display	Operation
"PB NAME REG"	Register a voice tag.
"PB NAME CHK"*	Play a voice tag.
"PB NAME DEL"*	Delete a voice tag.
"RETURN"	Return to step 3.

* Displayed only when a name for which a voice tag has been registered is selected.

Select "PB NAME REG" (Register)

6 Register a voice tag (first)
Press the [VOL] knob.
"ENTER1" is displayed.
When a beep is heard, say a voice tag within 2 seconds.

7 Confirm the voice tag (second)
Press the [VOL] knob.
"ENTER 2" is displayed.
When a beep is heard, say the same voice tag as that you said in step 5 within 2 seconds.
"COMPLETE" is displayed.

8 End registration
Press the [VOL] knob.
Return to step 3. You can register another voice tag continuously.

� (⁄)
- If your voice cannot be recognized, a message is displayed. Pressing the [VOL] knob allows you to retry voice input. (page 37)

Select "PB NAME CHK" (Play)

6 **Press the [VOL] knob.**
Play the registered voice and return to step 3.

Select "PB NAME DEL" (Delete)

6 **Delete a voice tag**
Press the [VOL] knob.

Exit Phone book name edit mode
Press the [◄] button for at least 1 second.

(⁄)
- Audio sound is not output during voice tag registration.

Setting a Voice Command for Category

Add a voice tag to the phone number category (type) for voice calling.

1 **Select Phone Number type edit mode**
For how to select setup item, refer to <Bluetooth Setup> (page 20).
Select "SETTINGS" ➤ "VOICE TAG".

2 **Enter Voice Tag edit mode**
Press the [VOL] knob.

3 **Enter Phone Number type edit mode**
Turn the [VOL] knob to select "PN TYPE EDIT" ("PN TYPE EDT"), and then press the [VOL] knob.

4 **Select the category (type) you wish to set**
Turn the [VOL] knob and press it when the desired category name is displayed.
"GENERAL"/ "HOME"/ "OFFICE"/ "MOBILE"/ "OTHER"

5 **Select a mode**
Turn the [VOL] knob.
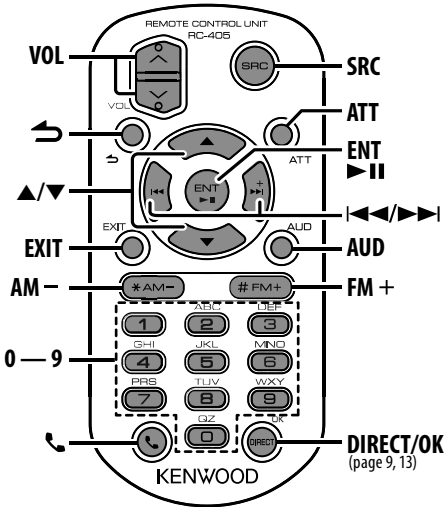
Display	Operation
"PN TYPE REG"	Register a voice tag.
"RETURN"	Return to step 3.

6 **Register the category (type) by performing steps 6 to 8 of select "PB NAME REG" (Register) in <Adding a Voice Dialing Command> (page 24).**

7 **Exit Function Setting mode**
Press the [◄] button for at least 1 second.

(⁄)
- Set the voice tag for all the 5 categories. If the voice tag is not registered for all the categories, the Phone book may not be recalled by voice command.

Basic Operations of Remote Control

General Control

Volume control   [VOL] button

Source select   [SRC] button

Volume reduce   [ATT] button
"ATT" indicator is blinks when the attenuator function is on. (KDC-BT40U only). When the button is pressed again, the volume returns to the previous level.

Enter Audio Control mode   [AUD] button

> 📝
> • Refer to <Audio Control> (page 15) for the operation method, such as the procedures for Audio control and others operations.

Return to previous item   [⇐] button

Exit from mode   [EXIT] button

Selection of item   [▲]/[▼] button

Determination   [ENT] button

In Tuner Source

Band select   [FM+]/[AM−] button

Station select   [⊩◄◄]/[►►⊩] button

Recall preset stations   [1] — [6] button

In iPod/CD/Audio file Source

Music select   [⊩◄◄]/[►►⊩] button

Folder/Disc select   [FM+]/[AM−] button

Pause/Play   [►❙❙] button

Enter Music search mode   [▲]/[▼] button

Movement between folders/files in Music search mode   [▲]/[▼] button

Return to previous folder [⇐] button

Hands-Free Phone Control

Making a call

Enter Bluetooth mode   [📞] button

Enter the dialing method selection mode   [▲]/[▼] button

Select a dialing method   [ENT] button

Number dial input

Operation type	Operation
Input a digit.	[0] – [9] buttons
Input "+".	[►►⊩] button
Input "#".	[FM+] button
Input "*".	[AM−] button
Clear the entered phone number.	[⊩◄◄] button

Make a call   [OK] button

Receiving a call

Answer the call   [📞] button

Switch between the private talk mode and the hands-free talk mode   [►❙❙] button

Call waiting

Answer Another Incoming Call with the Current Call Suspended   [📞] button

Answer another Incoming Call after Terminating the Current Call   [SRC] button
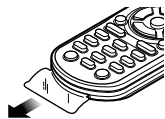
Continue the Current Call   [1] button

During a call

End the call   [SRC] button

Adjust the voice volume   [VOL] button
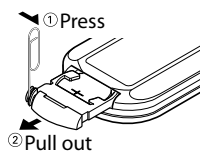
Preparing the remote control unit

Pull the battery sheet out from the remote control unit to the direction of the arrow.

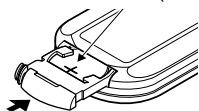## Changing the battery of the remote control unit

Use a commercially available button battery (CR2025).

1 Insert something narrow like a paperclip into the hole and pull out the battery tray.

①Press

②Pull out

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

CR2025(+side)

⚠ CAUTION

- Do not set the remote control in hot places such as on the dashboard.
- Lithium battery.
  Danger of explosion if the battery is incorrectly replaced.
  Replace only with the same or equivalent type.
- The battery pack or batteries shall not be exposed to excessive heat such sunshine, fire or the like.
- Keep battery out of reach of children and in original package until ready to use. Dispose of used batteries promptly. If swallowed contact physician immediately.

Appendix

About Audio file
- **Playable Audio file**
  AAC-LC (.m4a), MP3 (.mp3), WMA (.wma)
- **Playable disc media**
  CD-R/RW/ROM
- **Playable disc file format**
  ISO 9660 Level 1/2, Joliet, Romeo, Long file name.
- **Playable USB device (KDC-BT40U only)**
  USB mass storage class
- **Playable USB device file system**
  FAT16, FAT32

Although the audio files are complied with the standards listed above, the play maybe impossible depending on the types or conditions of media or device.

- **Playing order of the Audio file**
  In the example of folder/file tree shown below, the files are played in the order from ① to ⑩.
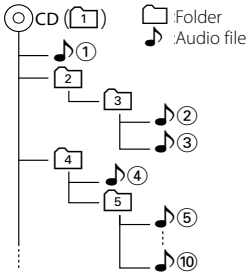
An online manual about audio files is put on the site, www.kenwood.com/cs/ce/audiofile/. On this online manual, detailed information and notes which are not written in this manual are provided. Make sure to read through the online manual as well.

About USB device
- In this manual, the word "USB device" is used for flash memories and digital audio players which have USB terminals.
- When the USB device is connected to this unit, it can be charged up provided that this unit is powered.
- Install the USB device in the place where it will not prevent you from driving your vehicle properly.
- You cannot connect a USB device via a USB hub and Multi Card Reader.
- Take backups of the audio files used with this unit. The files can be erased depending on the operating conditions of the USB device.
  We shall have no compensation for any damage arising out of erasure of the stored data.
- No USB device comes with this unit. You need to purchase a commercially available USB device.

- When connecting the USB device, usage of the CA-U1EX (option) is recommended.
  Normal playback is not guaranteed when a cable other than the USB compatible cable is used.
  Connecting a cable whose total length is longer than 5 m can result in abnormal playback.

iPod/iPhone that can be connected to this unit (KDC-BT40U only)
Made for
- iPod nano (1st generation) • iPod nano (2nd generation)
- iPod nano (3rd generation) • iPod nano (4th generation)
- iPod nano (5th generation)
- iPod with video   • iPod classic
- iPod touch (1st generation) • iPod touch (2nd generation)

Works with
- iPhone   • iPhone 3G   • iPhone 3GS

| iPhone | iPhone 3G | iPhone 3GS |
| 4GB 8GB 16GB | 8GB 16GB | 16GB 32GB |

- Update iPod/iPhone software to the latest version.
- Type of control available varies depending on the type of connected iPod. See www.kenwood.com/cs/ce/ipod for further details.
- The word "iPod" appearing in this manual indicates the iPod or the iPhone connected with the iPod connection cable*. A KCA-iP101 is required (optional accessory).
  * Not supported model KCA-iP500.
  Refer to the web site for connectable iPod and iPod connection cable.
  www.kenwood.com/cs/ce/ipod/

⏏

- If you start playback after connecting the iPod, the music that has been played by the iPod is played first.
  In this case, "RESUMING" is displayed without displaying a folder name, etc. Changing the browse item will display a correct title, etc.
- You cannot operate iPod if "KENWOOD" or "✓" displayed on iPod.

About the Cell-Phone

This unit conforms to the following Bluetooth specifications:

Version	Bluetooth Standard Ver. 2.0
Profile	HFP (Hands Free Profile)
	OPP (Object Push Profile)
	PBAP (Phone book Access Profile)
	SYNC (Synchronization Profile)

For the cell-phones verified for compatibility, access the following URL:

http://www.kenwood.com/cs/ce/bt/

⟨⟩

• The units supporting the Bluetooth function have been certified for conformity with the Bluetooth Standard following the procedure prescribed by Bluetooth SIG. However, it may be impossible for such units to communicate with your cell-phone depending on its type.

• HFP is a profile used to make a hands-free call.

• OPP is a profile used to transfer data such as a phone book between units.

About "KENWOOD Music Editor" (KDC-BT40U only)

• This unit supports the PC application "KENWOOD Music Editor Lite ver1.0" or later.

• When you use the audio file with database information added by the "KENWOOD Music Editor Lite ver1.0", you can search a file by title, album or artist name using the <Music Search> (page 7).

• In the Instruction manual, the term "Music Editor media" is used to mean the device that contains audio files with database information added with KENWOOD Music Editor.

• "KENWOOD Music Editor Lite ver1.0" is available from the following web site:

www.kenwood.com/cs/ce/

• For further information on "KENWOOD Music Editor Lite ver1.0", refer to the site above or the application help.

This Product is not installed by the manufacturer of a vehicle on the production line, nor by the professional importer of a vehicle into an EU Member State.

Information on Disposal of Old Electrical and Electronic Equipment and Batteries (applicable for EU countries that have adopted separate waste collection systems)

Products and batteries with the symbol (crossed-out wheeled bin) cannot be disposed as household waste.
Old electrical and electronic equipment and batteries should be recycled at a facility capable of handling these items and their waste byproducts.
Contact your local authority for details in locating a recycle facility nearest to you.
Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.
Notice: The sign "Pb" below the symbol for batteries indicates that this battery contains lead.

The marking of products using lasers

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.

Appendix

Function Item List
In Standby

1st hierarchy	2nd hierarchy	3rd hierarchy	Page
"DISP SELECT"			16
"SETTINGS"	"CLOCK"	"CLOCK ADJUST" ("CLOCK ADJ")	18
		"TIME SYNC"	
	"DISPLAY"	"DIMMER SET"	17
		"TEXT SCROLL"	
		"BT DVC STATUS" ("DVC STATUS")	
	"INITIAL SET"	"PRESET TYPE"	18
		"KEY BEEP"	
		"RUSSIAN SET"	
		"P-OFF WAIT"	
		"BUILT-IN AUX" ("BUILTIN AUX")	
		"CD READ"	
		"SWITCH PREOUT" ("SWITCH PRE")	
		"SP SELECT"	
		"F/W UP"	
"DEMO MODE"			18

In CD/ Audio file source

1st hierarchy	2nd hierarchy	3rd hierarchy	Page
"AUDIO CONTROL" ("AUDIO CTRL")	"SUBWOOFER SET" ("SUB-W SET")		15
	"BASS BOOST"		
	"SYSTEM Q"		
	"BASS LEVEL"		
	"MID LEVEL"		
	"TRE LEVEL"		
	"BALANCE"		
	"FADER"		
	"SUB-W LEVEL"		
	"DETAILED SET" ("DETAIL SET")	"LPF SUBWOOFER" ("LPF SUB-W")	
		"SUB-W PHASE"	
		"SUPREME SET"	
		"VOLUME OFFSET" ("VOL OFFSET")	
"DISP SELECT"			16
"SETTINGS"	"CLOCK" (See in standby)		18
	"DISPLAY" (See in standby)		17
	"RDS SET" (See in TUNER source)		10
"DEMO MODE"			18

In USB/ iPod source*

1st hierarchy	2nd hierarchy	3rd hierarchy	Page
"AUDIO CONTROL" (See in CD/ Audio file source) ("AUDIO CTRL")			15
"DISP SELECT"			16
"SETTINGS"	"SKIP SEARCH"		9
	"MPLIST DELETE"		
	"CLOCK" (See in standby)		18
	"DISPLAY" (See in standby)		17
	"RDS SET" (See in TUNER source)		10
"DEMO MODE"			18

In Tuner source

1st hierarchy	2nd hierarchy	3rd hierarchy	Page
"AUDIO CONTROL" (See in CD/ Audio file source) ("AUDIO CTRL")			15
"DISP SELECT"			16
"SETTINGS"	"LOCAL SEEK"		10
	"SEEK MODE"		
	"AUTO MEMORY"		
	"MONO SET"		
	"NEWS SET"	"RDS SET" item	
	"AF SET"		
	"RDS REGIONAL" ("RDS REG")		
	"AUTO TP SEEK" ("ATP SEEK")		
	"CLOCK" (See in standby)		18
	"DISPLAY" (See in standby)		17
"DEMO MODE"			18

In AUX source

1st hierarchy	2nd hierarchy	3rd hierarchy	Page
"AUDIO CONTROL" (See in CD/ Audio file source) ("AUDIO CTRL")			15
"DISP SELECT"			16
"SETTINGS"	"AUX NAME SET" ("AUX NAME")		17
	"CLOCK" (See in standby)		18
	"DISPLAY" (See in standby)		17
	"RDS SET" (See in TUNER source)		10
"DEMO MODE"			18

In Hands-Free BT mode

1st hierarchy	2nd hierarchy	3rd hierarchy	Page
"DISP SELECT"			16
"SETTINGS"	"PHONE SELECT" ("PHONE SEL")		20
	"SMS DOWNLOAD" ("SMS DL")		
	"SMS INBOX"		
	"VOICE TAG"		
	"DETAILED SET" ("DETAIL SET")	"DEVICE REGIST" ("DVC REGIST")	
		"S-DVC SELECT" ("S-DVC SEL")	
		"DEVICE DELETE" ("DVC DELETE")	
		"PIN CODE EDIT" ("PIN EDIT")	
		"AUTO ANSWER"	
		"BT SP SELECT" ("BT SP SEL")	
		"CALL BEEP"	
		"BT F/W UPDATE" ("BT UPDATE")	
		"MIC GAIN"	
		"NR LEVEL"	
		"EC LEVEL"	
	"CLOCK" (See in standby)		18
	"DISPLAY" (See in standby)		17
"DEMO MODE"			18

*KDC-BT40U only

(" ") encloses a display appearing on the KDC-BT30. It is shown only if it differs from the one appearing on the KDC-BT40U.

Accessories/ Installation Procedure

Accessories

① 1

② 2
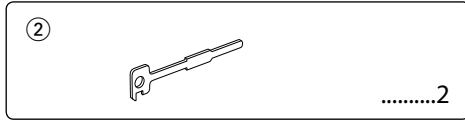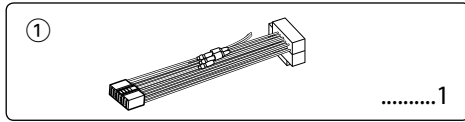
Installation Procedure

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 wire connections for each unit.
3. Connect the wire 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 reset button.

⚠️

- Mounting and wiring this product requires skills and experience. For safety's sake, leave the mounting and wiring work to professionals.
- Make sure to ground the unit to a negative 12V DC power supply.
- 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 use your own screws. Use only the screws provided. If you use the wrong screws, you could damage the unit.
- If the power is not turned ON ("PROTECT" is displayed), the speaker wire may have a short-circuit or touched the chassis of the vehicle and the protection function may have been activated. Therefore, the speaker wire should be checked.
- Make sure that all wire 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 wire is connected to a power source with constant voltage such as a battery wire, 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 wire to a power source that can be turned on and off with the ignition key.
- Use a commercially available conversion connector if the connector does not fit in the vehicle connector.
- Insulate unconnected wires with vinyl tape or other similar material. To prevent a short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.
- If the console has a lid, make sure to install the unit so that the faceplate will not hit the lid when closing and opening.
- If the fuse blows, first make sure the wires aren't touching to cause a short circuit, then replace the old fuse with one with the same rating.
- Connect the speaker wires correctly to the terminals to which they correspond. The unit may be damaged or fail to work if you share the ⊖ wires or ground them to any metal part in the car.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- Mount the unit so that the mounting angle is 30° or less.
- Reception may drop if there are metal objects near the Bluetooth antenna.
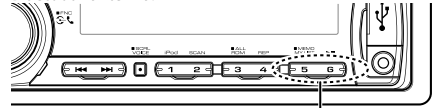
Bluetooth antenna unit

For Good Reception
To assure good reception, note the following:

- Communicate with the cell-phone within the line-of-sight distance of 10 m (30 ft). The communication range becomes shorter depending on the surrounding environment. The communication range also becomes shorter when there is an obstacle between this unit and the cell-phone. The above maximum communication range (10 m) is not always assured.
- A broadcast station or walkie-talkie located nearby can interfere with communication due to too strong signal.

Connecting Wires to Terminals

KDC-BT30

KDC-BT40U
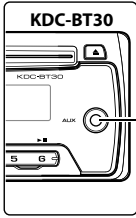
AUX input (Stereo)
Use the mini-plug cable which is stereo type and does not have any resistance.

USB connector

Antenna Cord

FM/AM antenna input (JASO)
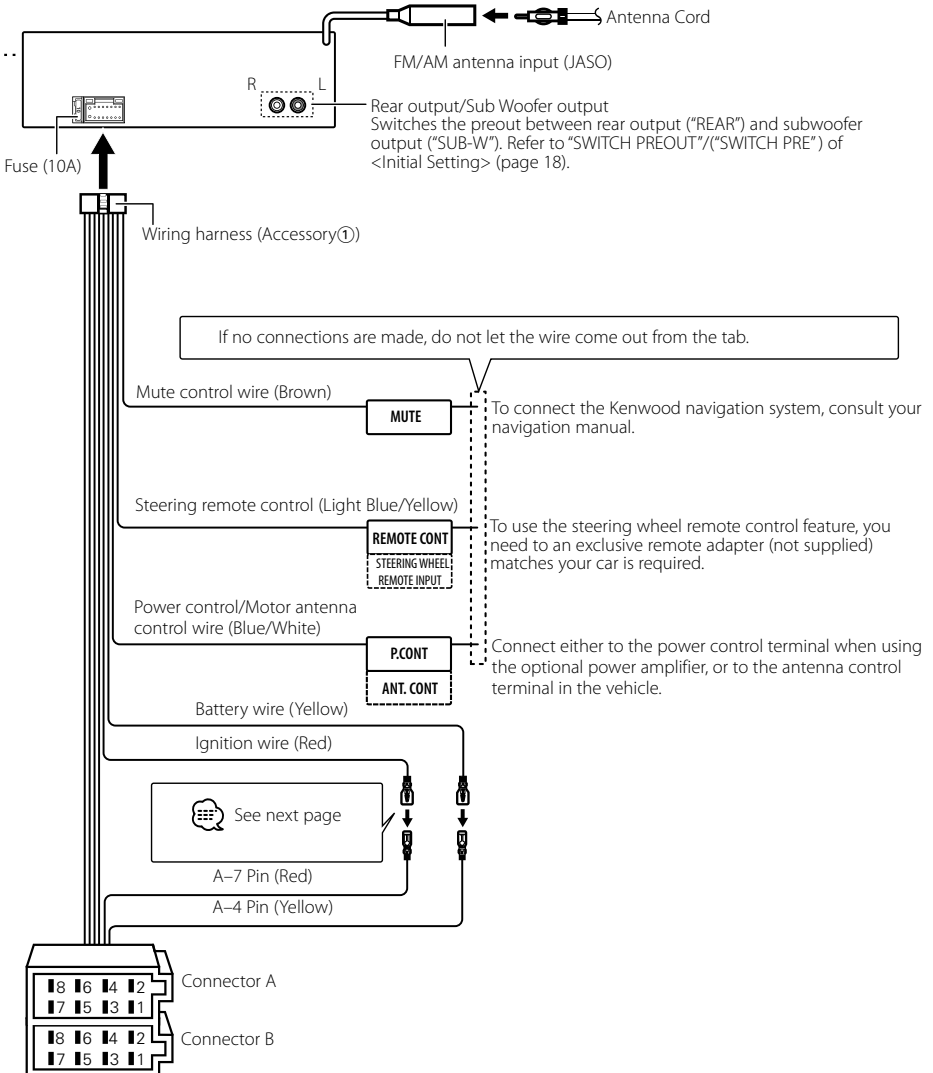
R   L

Rear output/Sub Woofer output
Switches the preout between rear output ("REAR") and subwoofer output ("SUB-W"). Refer to "SWITCH PREOUT"/("SWITCH PRE") of <Initial Setting> (page 18).

Fuse (10A)

Wiring harness (Accessory①)

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

Mute control wire (Brown)

MUTE

To connect the Kenwood navigation system, consult your navigation manual.

Steering remote control (Light Blue/Yellow)

REMOTE CONT
STEERING WHEEL REMOTE INPUT

To use the steering wheel remote control feature, you need to an exclusive remote adapter (not supplied) matches your car is required.

Power control/Motor antenna control wire (Blue/White)

P.CONT

ANT. CONT

Connect either to the power control terminal when using the optional power amplifier, or to the antenna control terminal in the vehicle.

Battery wire (Yellow)

Ignition wire (Red)

See next page

A–7 Pin (Red)

A–4 Pin (Yellow)

Connector A

8 6 4 2
7 5 3 1

Connector B

8 6 4 2
7 5 3 1

Connecting Wires to Terminals

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-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

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.
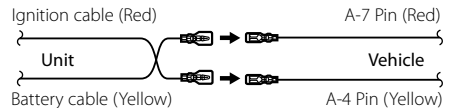
The default connection for the wiring harness is described in 1 below. If the ISO connector pins are set as described in 2, make the connection as illustrated.

Please be sure to reconnect the cable as shown 2 below to install this unit to the **Volkswagen** vehicles etc.

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.
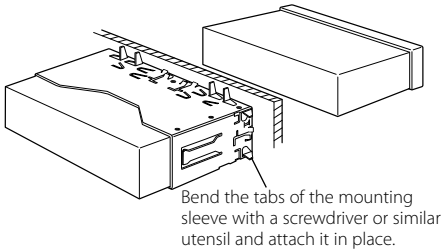
Ignition cable (Red)   A-7 Pin (Red)

        Unit   Vehicle

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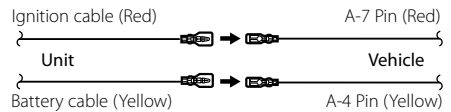
2 The A-7 pin (red) of the vehicle's ISO connector is connected to the constant power supply, and the A-4 pin (yellow) is linked to the ignition.

Ignition cable (Red)   A-7 Pin (Red)

        Unit   Vehicle

Battery cable (Yellow)   A-4 Pin (Yellow)

Installation/Removing the Unit

Installation

Bend the tabs of the mounting sleeve with a screwdriver or similar utensil and attach it in place.

⟨🗩⟩
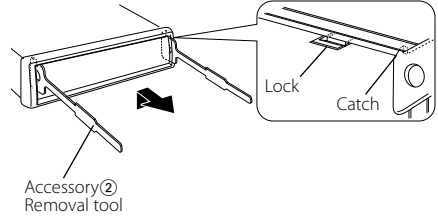• Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction (for example, the sound may skip).

Removing the Hard Rubber Frame

1 Engage the catch pins on the removal tool and remove the two locks on the upper level.
Upper the frame and pull it forward as shown in the figure.

Lock

Catch

Accessory② Removal tool

2 When the upper level is removed, remove the lower two locations.

⟨🗩⟩
• The frame can be removed from the bottom side in the same manner.

Removing the Unit

1 Refer to the section <Removing the Hard Rubber Frame> and then remove the hard rubber frame.
2 Detach the faceplate.
3 Insert the two removal tools deeply into the slots on each side, as shown.
4 Lower the removal tool toward the bottom, and pull out the unit halfway while pressing towards the inside.

Accessory②
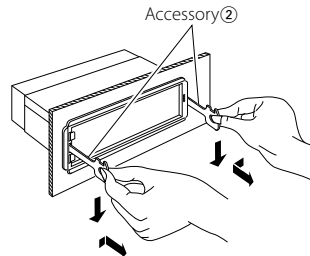
⚠
• Be careful to avoid injury from the catch pins on the removal tool.
5 Pull the unit all the way out with your hands, being careful not to drop it.

⚠ CAUTION

Install this unit in the console of your vehicle.
Do not touch the metal part of this unit during and shortly after the use of the unit. Metal part such as the heat sink and enclosure become hot.

Troubleshooting Guide

Some functions of this unit may be disabled by some settings made on this unit.

! • **Cannot set up the subwoofer.**
  • **Cannot set up the low pass filter.**
  • **No output from the subwoofer.**
  ▶ • "SUBWOOFER SET"/("SUB-W SET") of <Audio Control> (page 15) is not set to ON.
    • Preout is not set to subwoofer.
      ☞ "SWITCH PREOUT" /("SWITCH PRE") of <Initial Setting> (page 18).

- -

! **Cannot set up the subwoofer phase.**
  ▶ The Low Pass Filter is set to "THROUGH".
    ☞ "LPF SUBWOOFER"/ ("LPF SUB-W") of <Audio Control> (page 15).

- -

! **Power OFF Timer does not function.**
  ▶ <Exit of the Demonstration Mode> (page 5) is not turned off.

- -

! **The number of songs contained in "SONGS" category of this unit is different from that contained in "SONGS" category of iPod.**
  ▶ Podcast files are not counted in this unit as this unit does not support the playback of podcast files.

- -

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

General

? **The operation check sound (beep sound) does not sound.**
  ✔ The preout jack is being used.
    ☞ The operation check sound (beep sound) cannot be output for the preout jack.

- -

Tuner source

? **Radio reception is poor.**
  ✔ The car antenna is not extended.
    ☞ Pull the antenna out all the way.

- -

Disc source

? **The specified disc does not play, but another one plays instead.**
  ✔ The specified CD is quite dirty.
    ☞ Clean the CD, referring to the CD cleaning of the section on <Handling CDs> (page 3).
  ✔ The disc is severely scratched.
    ☞ Try another disc instead.

- -

Audio file source

? **The sound skips when an Audio file is being played.**
  ✔ The media is scratched or dirty.
    ☞ Clean the media, referring to the CD cleaning of the section on <Handling CDs> (page 3).
  ✔ The recording condition is bad.
    ☞ Record the media again or use another media.

- -

Hands-free phoning

? **The hands-free talk volume is low.**
  ✔ The hands-free talk volume is set at a low level.
    ☞ The hands-free talk volume can be adjusted independently. Adjust it during hands-free talk. "MIC GAIN", "NR LEVEL" and "EC LEVEL" of <Bluetooth Setup> (page 20).

- -

? **No sound is heard from the rear speakers.**
  ✔ You are talking in the hand-free talk mode.
    ☞ No sound is heard from the rear speakers in the hands-free talk mode.

- -

? **No beep is heard at reception of an incoming call.**
  ✔ No beep is heard depending on the type of your cell-phone.
    ☞ "CALL BEEP" of <Bluetooth Setup> (page 20) is set to ON.

- -

? **Voice is not recognized.**
  ✔ The vehicle window is open.
    ☞ If the surrounding noise is large, voice cannot be recognized properly. Close the vehicle windows to reduce noise.
  ✔ Small voice.
    ☞ If voice is too small, it cannot be recognized properly. Speak into the microphone a little more loudly and naturally.
  ✔ The person saying the voice tag is not the one who registered the it.
    ☞ Only the voice of the person who registered the voice tag can be recognized.

- -

The messages shown below display your systems condition.

TOC ERROR: • No disc has been loaded in the disc magazine.
• The CD is quite dirty. The CD is upside-down. The CD is scratched a lot.

ERROR 05: The disc is unreadable.

ERROR 77: The unit is malfunctioning for some reason.
➪ Press the reset button on the unit. If the "ERROR 77" code does not disappear, consult your nearest service center.

IN (Blink): The CD player section is not operating properly.
➪ Reinsert the CD. If the CD cannot be ejected or the display continues to flash even when the CD has been properly reinserted, please switch off the power and consult your nearest service center.

PROTECT (Blink):
The speaker wire has a short-circuit or touches the chassis of the vehicle, and then the protection function is activated.
➪ Wire or insulate the speaker cable properly and press the reset button. If the "PROTECT" code does not disappear, consult your nearest service center.

NA FILE: An Audio file is played with a format that this unit can't support.

COPY PRO: A copy-protected file is played.

READ ERROR: The file system of the connected USB device is broken.
➪ Copy the files and folders for the USB device again. If the error message is still displayed, initialize the USB device or use other USB devices.

NO DEVICE: The USB device is selected as a source although no USB device is connected.
➪ Change the source to any source other than USB. Connect an USB device, and change the source to USB again.

N/A DEVICE: • An unsupported USB device is connected.
• Connection to the iPod has failed.
➪ Check that the connected iPod is an iPod that is supported. See <About Audio file> (page 28) for information on supported iPods.

NO MUSIC DATA/ERROR 15:
• The connected USB device contains no playable audio file.
• Media was played that does not have data recorded that the unit can play.

USB ERROR: Some trouble may have occurred to the connected USB device.
➪ Remove the USB device, then cycle the power switch to ON. If the same display is repeated, use another USB device.

iPod ERROR: Connection to the iPod has failed.
➪ Remove the USB device and then reconnect it.
➪ Confirm that the software for the iPod is the latest version.

USB REMOVE (Blink):
The Remove mode has been selected for the USB device/iPod. You can remove the USB device/iPod safely.

NO NUMBER: • The calling party does not notify a caller ID.
• There is no phone number data.

NO DATA: • There is no outgoing call list.
• There is no incoming call list.
• There is no missed call list.
• There is no phone book list.

NO ENTRY: The cell-phone has not been registered (pairing).

HF DISCONCT: The unit cannot communicate with the cell-phone.

HF ERROR 07: The memory cannot be accessed.
➪ Turn off the power and on again. If this message still appears, press the reset button on the control unit.

HF ERROR 68: The unit cannot communicate with the cell-phone.
➪ Turn off the power and on again. If this message still appears, press the reset button on the control unit.

UNKNOWN: The Bluetooth device cannot be detected.

DEVICE FULL: 5 Bluetooth device have already been registered. No more Bluetooth device cannot be registered.

PIN CODE NG: The PIN code is wrong.

CONNECT NG: The unit cannot be connected to the device.

PAIRING NG: Pairing error.

Troubleshooting Guide

NO MATCHING: The voice tag is wrong. Voice cannot be recognized because of an unregistered voice tag, etc.

TOO SOFT: Voice is too small and cannot be recognized.

TOO LOUD: Voice is too large to be recognized.

TOO LONG: The word or utterance is too long to be recognized.

NO PHONEBOOK (NO PB):
Data is not contained in the phone book.

NO MESSAGE: No short message in In Box.

NO RECORD: The voice tag is not registered in the phone book.

MEMORY FULL: The number of voice tags reaches the maximum number to be registered in the phone book.

NO ACCESS: The procedure preset with mixed preset memory function cannot be available. The preset content may not be recalled depending on the selected band.

NO VOICE: No call.

Specifications

FM Tuner Section

Frequency Range (50 kHz Space)
 : 87.5 MHz – 108.0 MHz
Usable Sensitivity (S/N = 26dB)
 : 1.0 µV/75 Ω
Quieting Sensitivity (DIN S/N = 46dB)
 : 2.5 µV/75 Ω
Frequency Response (±3.0 dB)
 : 30 Hz – 15 kHz
Signal to Noise Ratio (MONO)
 : 63 dB
Stereo Separation (1 kHz)
 : 40 dB

MW Tuner Section

Frequency Range (9 kHz space)
 : 531 kHz – 1611 kHz
Usable Sensitivity (S/N = 20dB)
 : 36 µV

LW Tuner Section

Frequency Range
 : 153 kHz – 279 kHz
Usable Sensitivity (S/N = 20dB)
 : 57 µV

CD Player Section

Laser diode
 : GaAlAs
Digital filter (D/A)
 : 8 Times Over Sampling
D/A Converter
 : 24 Bit
Spindle Speed
 : 500 – 200 rpm (CLV)
Wow & Flutter
 : Below Measurable Limit
Frequency Response (±1 dB)
 : 20 Hz – 20 kHz
Total Harmonic Distortion (1 kHz)
 : 0.01 %
Signal to Noise Ratio (1 kHz)
 : 105 dB
Dynamic Range
 : 93 dB
MP3 Decode
 : Compliant with MPEG-1/2 Audio Layer-3
WMA Decode
 : Compliant with Windows Media Audio
AAC Decode
 : AAC-LC ".m4a" files

USB Interface (KDC-BT40U)

USB Standard
 : USB1.1/ 2.0 (Full Speed)
File System
 : FAT16/ 32
MP3 Decode
 : Compliant with MPEG-1/2 Audio Layer-3
WMA Decode
 : Compliant with Windows Media Audio
AAC Decode
 : AAC-LC ".m4a" files
Maximum Supply Current
 : 500 mA

Bluetooth Section

Version
 : Bluetooth Ver. 2.0 Certified
Frequency Range
 : 2.402 – 2.480 GHz
Output Power
 : +4dBm (MAX), 0dBm (AVE) Power Class 2
Maximum Communication Range
 : Line of sight approx.10m (32.8 ft)
Profile
 : HFP (Hands Free Profile)
 : HSP (Headset Profile)
 : SPP (Serial Port Profile)
 : PBAP (Phonebook Access Profile)
 : OPP (Object Push Profile)
 : SYNC (Synchronization Profile)

Audio Section

Maximum Output Power
 : 50 W x 4
Output Power (DIN 45324, +B=14.4V)
 : 30 W x 4
Speaker Impedance
 : 4 – 8 Ω
Tone Action
  Bass : 100 Hz ±8 dB
  Middle : 1 kHz ±8 dB
  Treble : 10 kHz ±8 dB
Preout Level / Load (CD)
 : 2000 mV/10 kΩ
Preout Impedance
 : ≤ 600 Ω

Auxiliary Input

Frequency Response (±3 dB)
 : 20 Hz – 20 kHz
Input Maximum Voltage
 : 1200 mV
Input Impedance
 : 10 kΩ

General

Operating Voltage
 : 14.4 V (10.5 – 16V allowable)
Maximum Current Consumption
 : 10 A
Installation Size (W x H x D)
 : 182 x 53 x 155 mm
Weight
 : 1.3 kg

Specifications subject to change without notice.

- The "AAC" logo is a trademark of Dolby Laboratories.
- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Kenwood Corporation is under license. Other trademarks and trade names are those of their respective owners.
- iTunes is a trademark of Apple Inc.
- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- iPhone is a trademark of Apple Inc.
- "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.
- "Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Declaration of Conformity with regard to the EMC Directive 2004/108/EC

Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

Manufacturer:
Kenwood Corporation
2967-3 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8525 Japan

EU Representative's:
Kenwood Electronics Europe BV
Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands

$C\!\!\in$

English
Hereby, Kenwood declares that this unit KDC-BT40U/KDC-BT30 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Français
Par la présente Kenwood déclare que l'appareil KDC-BT40U/KDC-BT30 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Par la présente, Kenwood déclare que ce KDC-BT40U/KDC-BT30 est conforme aux exigences essentielles et aux autres dispositions de la directive 1999/5/CE qui lui sont applicables.

Deutsch
Hiermit erklärt Kenwood, dass sich dieser KDC-BT40U/KDC-BT30 in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet. (BMWi)
Hiermit erklärt Kenwood die Übereinstimmung des Gerätes KDC-BT40U/KDC-BT30 mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richitlinie 1999/5/EG. (Wien)

Nederlands
Hierbij verklaart Kenwood dat het toestel KDC-BT40U/KDC-BT30 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Bij deze verklaat Kenwood dat deze KDC-BT40U/KDC-BT30 voldoet aan de essentiële eisen en aan de overige relevante bepalingen van Richtlijn 1999/5/EC.

Italiano
Con la presente Kenwood dichiara che questo KDC-BT40U/KDC-BT30 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Español
Por medio de la presente Kenwood declara que el KDC-BT40U/KDC-BT30 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Português
Kenwood declara que este KDC-BT40U/KDC-BT30 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Polska
Kenwood niniejszym oświadcza, że KDC-BT40U/KDC-BT30 spełnia zasadnicze wymogi oraz inne istotne postanowienia dyrektywy 1999/5/EC.

Český
Kenwood timto prohlasuje, ze KDC-BT40U/KDC-BT30 je ve shode se zakladnimi pozadavky a s dalsimi prislusnymi ustanoveni Narizeni vlady c. 426/2000 Sb.

Magyar
Alulírott, Kenwood, kijelenti, hogy a jelen KDC-BT40U/KDC-BT30 megfelel az 1999/5/EC irányelvben meghatározott alapvető követelményeknek és egyéb vonatkozó előírásoknak.

Svenska
Härmed intygar Kenwood att denna KDC-BT40U/KDC-BT30 stär I överensstämelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Suomi
Kenwood vakuuttaa täten että KDC-BT40U/KDC-BT30 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Slovensko
S tem Kenwood izjavlja, da je ta KDC-BT40U/KDC-BT30 v skladu z osnovnimi zahtevami in ostalimi ustreznimi predpisi Direktive 1999/5/EC.

Slovensky
Spoločnosť Kenwood týmto vyhlasuje, že KDC-BT40U/KDC-BT30 spĺňa zákldné požiadavky a ďalšie prislušné ustanovenia Direktĺvy 1999/5/EC.

Dansk
Undertegnede Kenwood erklærer harved, at følgende udstyr KDC-BT40U/KDC-BT30 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Ελληνικά
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Kenwood ΔΗΛΩΝΕΙ ΟΤΙ KDC-BT40U/KDC-BT30 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Eesti
Sellega kinnitab Kenwood, et see KDC-BT40U/KDC-BT30 vastab direktiivi 1999/5/EC põhilistele nõudmistele ja muudele asjakohastele määrustele.

Latviešu
Ar šo, Kenwood, apstiprina, ka KDC-BT40U/KDC-BT30 atbilst Direktīvas 1999/5/EK galvenajām prasībām un citiem tās nosacījumiem.

Lietuviškai
Šiuo, Kenwood, pareiškia, kad šis KDC-BT40U/KDC-BT30 atitinka pagrindinius Direktyvos 1999/5/EB reikalavimus ir kitas svarbias nuostatas.

Malti
Hawnhekk, Kenwood, jiddikjara li dan KDC-BT40U/KDC-BT30 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Українська
Компанія Kenwood заявляє, що цей виріб KDC-BT40U/KDC-BT30 відповідає ключовим вимогам та іншим пов'язаним положенням Директиви 1999/5/EC.

For Turkey
Bu ürün 26891sayılı Resmi Gazete'de yayımlanan Elektrikli ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullanımının Sınırlandırılmasına Dair Yönetmeliğe uygun olarak üretilmiştir.
This product complies with Directive, Number 26891 regarding "REGULATION ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN LECTRICAL AND ELECTRONIC EQUIPMENT".

This symbol mark indicates that Kenwood manufactured this product so as to decrease harmful influence on the environment.