

KDC-BT52U

CD-RECEIVER INSTRUCTION MANUAL

JVC KENWOOD Corporation

Before reading this manual, click the button below to check the latest edition and the modified pages.

How to read this manual

Function setting procedure

For the procedure for selecting a setting item in the Function setting mode, see the following example:

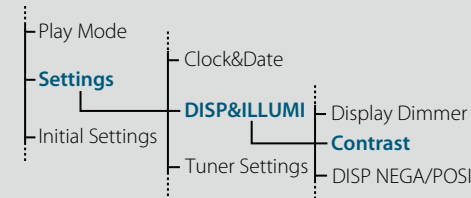
Example: Adjusting the contrast of the display

1 Enter the Function setting mode

Press and hold the Control knob.

"Function" is displayed.

2 Select the Contrast function item



Turn the Control knob to select "Settings", and then press the Control knob.

Next, turn the Control knob to select "DISP&ILLUMI", and then press the Control knob.

Finally, turn the Control knob to select "Contrast", and then press the Control knob.

In this manual, the above operational procedure is described as follows:


2 Select the Contrast function item

Select the following items using the Control knob.

"Settings" > "DISP&ILLUMI" > "Contrast"

Press the [↩] button to return to the previous item.



- Clicking  near the description of an operational procedure displays this page, allowing you to confirm how to use the Control knob.

3 Set the Contrast function

Turn the Control knob to select a value (1 - 30), and then press the Control knob.

The previous item is displayed.

4 Exit the Function setting mode

Press and hold the [↩] button.



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Before use

Before using the this unit for the first time

This unit is factory-set to operate in the Demonstration mode initially.

When using this unit for the first time, cancel the Demonstration mode. Refer to <Exiting the Demonstration mode> (page 4) in Quick Start Guide.

▲ WARNING

To prevent injuries or a fire, take the following precautions:

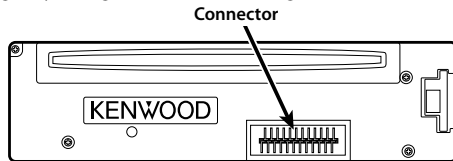
- Stop the car before operating the unit.
- To prevent a short circuit, never put or leave any metallic objects (such as coins or metal tools) inside the unit.

▲ CAUTION

- Adjust the volume so that you can hear the sound outside the car. Driving with the volume too high may cause an accident.
- Wipe off the dirt on the panel with a dry silicon or soft cloth.
Failure to observe this precaution may result in damage to the monitor or unit.

Cleaning the connector

The unit may not function properly if the connectors between the unit and faceplate are dirty. Detach the faceplate and clean the connector with a cotton swab gently, being careful not to damage the connector.




Condensation

When the car is air-conditioned, moisture may collect on the laser lens. This may cause disc read errors. In this case, remove the disc and wait for the moisture to evaporate.

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 can work with your model and in your area.
- Characters that conform to ISO 8859-1 can be displayed.
- Characters that conform to ISO 8859-5 or ISO 8859-1 can be displayed. Refer to "Russian" of <Initial settings> (page 27).
- The illustrations of the display and 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 images on the display may be inapplicable.

About the discs used with this unit

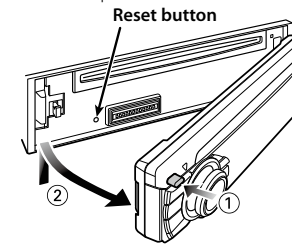
- This unit can only play the CDs with .
- The following discs cannot be used:
 - A discs that is not round
 - A discs with coloring on the recording surface or a disc that is dirty
 - A recordable/rewritable disc that has not been finalized (For the finalization process, refer to the instruction manual that came with your disc writing software or your disc recorder.)
 - An 8 cm (3 inch) disc (An attempt to insert using an adapter can cause malfunction.)

Handling discs

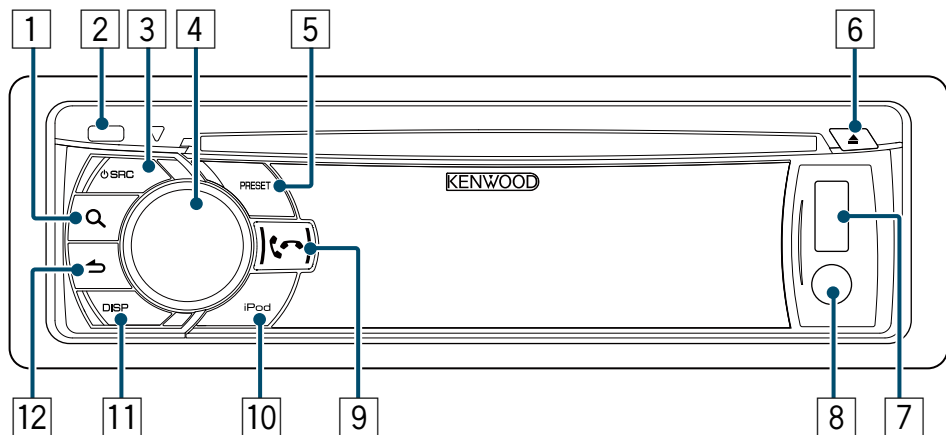
- Do not touch the recording surface of the disc.
- Do not stick tape etc. on the disc, or use a disc with tape stuck on it.
- Do not use any accessories for the disc.
- Do not use any solvents to clean discs. Use a dry silicon or soft cloth.
- Clean the disc by moving the cloth outward from the center of the disc.
- When removing a disc from this unit, pull it out horizontally.
- If the center hole or outside rim of a disc has burrs, remove them before inserting a disc.

How to reset your unit

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



Component names



- 1 [Q] button
- 2 Release button
- 3 [SRC] button
- 4 Control knob
- 5 [PRESET] button
- 6 [▲] button
- 7 USB terminal
- 8 Auxiliary input
- 9 [📞] [🔄] button
- 10 [iPod] button
- 11 [DISP] button
- 12 [↶] button

Audio adjustments

Audio control

You can adjust the following audio control items;

Display	Audio setting item	Range
"SubWoof Level"	Subwoofer level	-15 — +15 (dB)
"Bass Level"	Bass level	-8 — +8 (dB)
"Middle Level"	Middle level	-8 — +8 (dB)
"Treble Level"	Treble level	-8 — +8 (dB)
"Equalizer PRO"		
"Bass Adjust"		
"Bass Center FRQ"	Bass Center Frequency	60/ 80/ 100/ 200 (Hz)
"Bass Level"	Bass level	-8 — +8 (dB)
"Bass Q Factor"	Bass Q Factor	1.00/ 1.25/ 1.50/ 2.00
"Bass EXT"	Bass Extend	OFF/ ON
"Middle Adjust"		
"Middle Center FRQ"	Middle Center Frequency	0.5/ 1.0/ 1.5/ 2.5 (kHz)
"Middle Level"	Middle level	-8 — +8 (dB)
"Middle Q Factor"	Middle Q Factor	0.75/ 1.00/ 1.25
"Treble Adjust"		
"Treble Center FRQ"	Treble Center Frequency	10.0/ 12.5/ 15.0/ 17.5 kHz
"Treble Level"	Treble level	-8 — +8 (dB)
"Preset Equalizer"	Preset Equalizer curve	"Rock"/"Pops"/"Easy"/"Top40"/"Jazz"/"Powerful"/"Natural"/"User" [*]
"Bass Boost"	Bass Boost	"Level1"/"Level2"/"Level3"/"OFF"
"Loudness"	Loudness	"Level1"/"Level2"/"OFF"
"Balance"	Balance	Left 15 — Right 15
"Fader"	Fader	Rear 15 — Front 15
"SubWoofers"	Subwoofer output	OFF/ ON
"Detailed Settings"		
"HPF"	High Pass Filter	Through/ 100/ 120/ 150 (Hz)
"LPF SubWoofers"	Low Pass Filter	85/ 120/ 160/ Through (Hz)
"SubWoofers Phase"	Subwoofer Phase	Reverse (180°)/ Normal (0°)
"Supreme"	Supreme setting	ON/ OFF
"Audio Preset"	Audio Preset memory [†]	Recall/ Memory
"Volume Offset"	Volume offset	-8 — ±0 (dB) (AUX: -8 — +8)

[†]Refer to <Audio preset memory> (page 9), <Audio preset recall> (page 9).

^{*}User: The customized Bass, Middle, and Treble levels are effective.



- You can set Bass, Middle, and Treble for each source. About 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 (AAC, MP3 or WMA) 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.

- Select the source to adjust**
Press the [SRC] button.
- Enter the Audio control mode**
Press the Control knob.
- Select the audio item subject to adjustment**
Turn the Control knob to select the audio item subject to adjustment and then press the Control knob.
Press the [↵] button to return to the previous item.
- Adjust the value set for the selected audio item**
Turn the Control knob to display the value to adjust, and then press the Control knob.
The previous item is displayed.
- Exit the Audio control mode**
Press and hold the [↵] button.

Audio preset memory

You can register the values set the Audio control items.

- Set the audio control items**
Refer to <Audio control> (page 8).
- Enter the Audio control mode**
Press the Control knob.
- Select the Audio preset memory mode**
Select the following items using the Control knob.
"Detailed Settings" > "Audio Preset"
- Select the Audio preset memory**
Turn the Control knob to select "Memory", and then press the Control knob.
- Determine the selection**
Turn the Control knob to select "YES", and then press the Control knob.
"Memory Completed" is displayed.
- Exit the Audio Control mode**
Press and hold the [↵] button.



- Register a pair of Audio preset memories. You cannot register them by source.
- When you press the [Reset] button, audio control values of all sources will be set to the values registered here.
- The following Audio control items can be registered.
"Bass Center FRQ", "Bass Level", "Bass Q Factor", "Bass EXT", "Middle Center FRQ", "Middle Level", "Middle Q Factor", "Treble Center FRQ", "Treble Level", "SubWoofers Level", "HPF", "LPF SubWoofers", "SubWoofers Phase"

Audio preset recall

You can recall the Audio control items registered to the <Audio preset memory> (page 9).

- Select a source**
Press the [SRC] button.
- Enter the Audio control mode**
Press the Control knob.
- Select the Audio preset memory mode**
Select the following items using the Control knob.
"Detailed Settings" > "Audio Preset"
- Select the Audio preset recall**
Turn the Control knob to select "Recall", and then press the Control knob.
- Determine the selection**
Turn the Control knob to select "YES", and then press the Control knob.
"Recall Completed" is displayed.
- Exit the Audio Control mode**
Press and hold the [↵] button.

iPod control operation

For the basic operations to play iPod contents, refer to the Quick Start Guide.

Music search

You can search for the song you want to play.

- 1 Enter the Music search mode**
Press the [Q] button.
"MUSICSEARCH" is displayed.

- 2 Search for a song**

Operation type	Operation
Movement between items	Turn the Control knob.
Move to the Alphabet search mode	Press and hold the [Q] button. Refer to <Alphabet search> (page 10).
Selection of item	Press the Control knob.
Return to previous item	Press the [↩] button.
Return to Top menu	Push and hold the Control knob leftward.

Canceling the Music search mode

Press and hold the [↩] button.



- 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****"		

Alphabet search

You can select an alphabetic character from the list in the browse item (artist, album, etc.) currently selected.

- 1 Enter the Music search mode**
Press the [Q] button.
"MUSICSEARCH" is displayed.
- 2 Enter the Search select mode**
Press the [Q] button.
- 3 Select the Alphabet search mode**
Turn the Control knob to select "Alphabet Search", and then press the Control knob.
- 4 Search for characters**

Operation type	Operation
Selection of characters	Turn the Control knob.
Determination of the selected characters.	Press the Control knob.

Return to the Music search mode.

Canceling the Alphabet search mode

Press and hold the [↩] button.



- Turning the Control knob fast in the Music search mode allows you to enter the alphabet search mode.
- The time of Alphabet search may become long depending on the number of items (songs) in iPod.
- To search for a character other than A to Z and 1, enter "****".
- 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.

Related search

You can browse for music of the same artist or genre as the one being played.

- 1 Enter the Search select mode**
Press and hold the [Q] button.
- 2 Select the Related search mode**
Turn the Control knob to select "Related Search", and then press the Control knob.
- 3 Select a desired brows item**
Turn the Control knob to select a browse item, and then press the Control knob.

Display	Browse item
"Search Artist"	Displays the album of the same artist.
"Search Album"	Displays music in the album in which the one being played is included.
"Search Genre"	Displays the artist of the same genre.
"Search Composer"	Displays the album including music created by the same composer.

- 4 Search for music**

Operation type	Operation
Movement between items	Turn the Control knob.
Selection of item	Press the Control knob.
Return to previous item	Press the [↩] button.

Canceling the Related search mode

Press and hold the [↩] button.



- Related search cannot be performed during Podcast playback.
- When the music being played has no information on the browse item or no music was found, "Not Found" is displayed.

Direct search

You can search for music by selecting a browse item and an alphabetic character(s).

- 1 Enter the Music search mode**
Press the [Q] button.
"MUSICSEARCH" is displayed.
- 2 Enter the Search select mode**
Press the [Q] button.
- 3 Select Direct search mode**
Turn the Control knob to select "Direct Search", and then press the Control knob.

- 4 Select a browse item**
Turn the Control knob to select browse item, and then press the Control knob.

Display	Browse item
"PLAYLISTS"	Playlists
"ARTISTS"	Artists
"ALBUMS"	Albums
"SONGS"	Songs
"PODCASTS"	Podcasts
"GENRES"	Genres
"COMPOSERS"	Composers

- 5 Select the character(s) to be searched for**
Turn the Control knob to select a character(s), and then press the Control knob.
You can select up to three characters.

- 6 Search for music**
Turn the Control knob to select "DONE", and then press the Control knob.
A search result list is displayed.

- 7 Select the music**
Turn the Control knob to select music, and then press the Control knob.

Canceling the Direct search mode

Press and hold the [↩] button.

iPod control operation

Skip search

You can search for a song by skipping songs at the set skip search ratio (the ratio of the number of songs to skip to the total number of songs in the selected list)

1 Enter the Music search mode

Press the [Q] button.
"MUSICSEARCH" is displayed.

2 Enter the Search select mode

Press the [Q] button.

3 Select Skip search mode

Turn the Control knob to select "Skip Search", and then press the Control knob.

4 Search for music

Operation type	Operation
Movement between items	Turn the Control knob.
Skip Search	Push the Control knob upward or downward.
Selection of item	Press the Control knob.
Sets the ratio of skip performed	Push the Control knob rightward or leftward.

Canceling the Music search mode

Press and hold the [↵] button.



- The skip search ratio is set to 0.5% as default. Refer to <Skip search ratio setting> (page 12).
- Press and hold the Control knob to skip songs at 10% regardless of the setting.

Skip search ratio setting

You can change the ratio of skip performed as mentioned in <Skip search> (page 12).

1 Select the iPod source

Press the [SRC] button.
Select the "iPod" display.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Skip search ratio item

Select the following items using the Control knob.
"Settings" > "Skip Search"

4 Set a Skip search ratio

Turn the Control knob to select a ratio ("0.5%", "1%", "5%", or "10%"), and then press the Control knob.

5 Exit the Function setting mode

Press and hold the [↵] button.

Playback mode

You can select a playback mode, such as Random play and Repeat play.

1 Select the iPod source

Press the [SRC] button.
Select the "iPod" display.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Playback function mode

Turn the Control knob to select "Play Mode", and then press the Control knob.

4 Select a desired playback mode

Turn the Control knob to select playback mode, and then press the Control knob.

Display	Description
"Play Mode"	
"APP & iPod Mode"	When set to "ON", allows you to operate the iPod with the control on the iPod. "ON" / "OFF"
"Folder Random"	When set to "ON", plays the songs in the folder randomly. (Music only) "ON" / "OFF"
"All Random"	When set to "ON", plays all songs in the iPod randomly. (Music only) "ON" / "OFF"
"File Repeat"	When set to "ON", plays the song repeatedly. "ON" / "OFF"

(_ : Factory setting)

5 Determine the selection

Press the Control knob.

The previous item is displayed.

6 Exit the Function setting mode

Press and hold the [↵] button.



- When "APP & iPod Mode" is set to "ON", this unit can control only the "Pause and play", "Selecting a song", and "Fast Forward or Fast Backward of the Song" functions.

Music disc/Audio file (CD or USB) operation

For the basic operations to play Music disc/Audio file contents, refer to the Quick Start Guide.

Music search

You can select the music you want to listen to from the device or media being played now.

1 Enter the Music search mode

Press the [Q] button.

"MUSICSEARCH" is displayed.

2 Search for music

Audio file

Operation type	Operation
Movement between folders/files	Turn the Control knob.
Selection of folder/file	Press the Control knob.
Return to previous folder	Press the [↶] button.
Return to root folder	Push and hold the Control knob leftward.
Cancellation of Music search mode	Press and hold the [↷] button.

🎵 indicator: Audio file

📁 indicator: Folder

CD source

Operation type	Operation
Movement between track	Turn the Control knob.
Selection of track	Press the Control knob.
Return to first track	Push and hold the Control knob leftward.
Cancellation of Music search mode	Press the [↷] button.

Music Editor media

Skip search

You can search for a song by skipping songs at the set skip search ratio (the ratio of the number of songs to skip to the total number of songs in the selected list).

1 Enter the Music search mode

Press the [Q] button.

"MUSICSEARCH" is displayed.

2 Enter the Search select mode

Press the [Q] button.

3 Select the Skip search mode

Turn the Control knob to select "Skip Search", and then press the Control knob.

4 Search for music

Operation type	Operation
Movement between items	Turn the Control knob.
Skip search	Push the Control knob upward or downward.
Selection of item	Press the Control knob.
Setting of skip search ratio	Push the Control knob rightward or leftward.

Canceling the Music search mode

Press and hold the [↷] button.



- The skip search ratio is set to 0.5% as default. Refer to <Skip search ratio setting> (page 12).
- Press and hold the Control knob to skip songs at 10% regardless of the setting.

Playback mode

You can select a playback mode, such as Random play and Repeat play.

1 Select the CD/ USB source

Press the [SRC] button.

Select the "CD" or "USB" display.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Playback function mode

Turn the Control knob to select "Play Mode", and then press the Control knob.

4 Select a desired playback mode

Turn the Control knob to select a play mode, and then press the Control knob.

Display	Description
"Play Mode"	
"Track Scan" (CD)/ "File Scan" (Audio file)	When set to "ON", plays the intros of the songs in the CD/folder successively. "ON" / "OFF"
"Disc Random" (CD)/ "Folder Random" (Audio file)	When set to "ON", plays the songs in the folder randomly. "ON" / "OFF"
"All Random" (Audio file)	When set to "ON", plays all songs in the disc/USB randomly. "ON" / "OFF"
"Track Repeat" (CD)/ "File Repeat" (Audio file)	When set to "ON", plays the selected song repeatedly. "ON" / "OFF"
"Folder Repeat" (Audio file)	When set to "ON", plays the songs in the folder repeatedly. "ON" / "OFF"

(_ : Factory setting)

5 Exit the Function setting mode

Press and hold the [↷] button.

Tuner Operation

For the basic operations to listen to the radio, refer to the Quick Start Guide.

Auto memory

You can register 18 (FM)/ 6 (AM) stations with good reception automatically.

1 Select the Tuner source

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

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Auto memory function item

Select the following items using the Control knob.
"Settings" > "Auto Memory"

4 Start storing stations in the Auto memory mode

Turn the Control knob to select "YES", and then press the Control knob.

When 18 (FM)/ 6 (AM) stations that can be received are stored in the memory, the process in this mode is completed.

Tuner setting

You can set up the tuner.

1 Select the Tuner source

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

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Settings item

Turn the Control knob to select "Settings", and then press the Control knob.

4 Select a desired Tuner setting item

Turn the Control knob to select Tuner setting item, and then press the Control knob.

Display	Description
"Settings"	
"Local Seek"	Only stations whose reception is good are searched in auto seek tuning. "ON" / "OFF"
"Seek Mode"	Sets 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.
"MONO"	You can reduce the noise when stereo broadcasts are received as monaural. "ON" / "OFF"
"News Interrupt"	Automatically receives news bulletin when it starts. Set the time during which interrupt is to be disabled after start of another news bulletin. Changing "00MIN" to "90MIN" turns this function ON. If news bulletin starts when this function is ON, "NEWS" is displayed and news is received. If "20MIN" 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" / "00MIN" – "90MIN"
"AF"	When the reception is poor, automatically alternate to another frequency broadcasting the same program in the same Radio data system network with better reception. "ON" / "OFF"
"Regional"	Sets whether to switch to the station only in the specific region using the "AF" control. "ON" / "OFF"
"Auto TP Seek"	When traffic information station reception is poor, automatically searches for a station that can be received better. "ON" / "OFF"

(__ : Factory setting)

5 Select a setting and determine it

Turn the Control knob to select a desired value, and then press the Control knob.

The previous item is displayed.

6 Exit the Function setting mode

Press and hold the [↵] button.

Tuner Operation

PTY (Program Type)

You can search for a station by selecting a Program Type;

Program Type	Display	Program Type	Display
Speech	"Speech"	Other Music	"Other M"
Music	"Music"	Weather	"Weather"
News	"News"	Finance	"Finance"
Current Affairs	"Affairs"	Children's programs	"Children"
Information	"Info"	Social Affairs	"Social"
Sport	"Sport"	Religion	"Religion"
Education	"Educate"	Phone In	"Phone In"
Drama	"Drama"	Travel	"Travel"
Culture	"Culture"	Leisure	"Leisure"
Science	"Science"	Jazz Music	"Jazz"
Varied	"Varied"	Country Music	"Country"
Pop Music	"Pop M"	National Music	"Nation M"
Rock Music	"Rock M"	Oldies Music	"Oldies"
Easy Listening Music	"Easy M"	Folk Music	"Folk M"
Light Classical	"Light M"	Documentary	"Document"
Serious Classical	"Classics"		

- Speech and music include the following types of programs.
 Speech: Program type indicated by white letters
 Music: Program type indicated by black letters

- 1 Enter the PTY mode**
Press the [Q] button.
- 2 Select a Program Type**
Turn the Control knob.
- 3 Search for the selected Program Type station**
Push the Control knob rightward or leftward.
- 4 Exit the PTY mode**
Press the [↩] button.



- This function cannot be used during reception of 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

You can store a Program Type in the Preset button memory and recall it quickly.

- 1 Select the Program Type to preset**
Refer to <PTY (Program Type)> (page 18).
- 2 Enter the Program Type preset mode**
Press the [PRESET] button.
- 3 Select a number and store it in the memory**
Turn the Control knob to select a memory number ("1" – "6"), and then press and hold the Control knob.

Canceling the Preset Memory mode
Press the [↩] button.

Recalling a preset Program Type

- 1 Enter the PTY mode**
Press the [Q] button.
- 2 Enter the Preset memory mode**
Press the [PRESET] button.
- 3 Select the number you want to recall from the memory**
Turn the Control knob to select a recall number ("1" – "6"), and then press the Control knob.

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**
Press the [Q] button.
- 2 Enter Changing Language mode**
Press the Control knob.
- 3 Select the language**
Turn the Control knob to select language, and then press the Control knob.

Display settings

Selecting a display type

Shown below are examples of display types.

Display type	Display information
Type A	Displays 3 lines of text.
Type B	Displays 2 line of text.
Type C	Displays the clock.
Type D	Displays the Motion graphics.
Type E	Turn off the display. (5 seconds after completion of operation)

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Display type select item**
Select the following items using the Control knob.
"Settings" > "DISP&ILLUMI" > "Display Select" > "Type Select"
- 3 Select the display type**
Turn the Control knob to select a display type, and then press the Control knob.
- 4 Exit the Function setting mode**
Press and hold the [↵] button.

Selecting a text display

You can change the information displayed on each of the following sources:

On Audio file/ iPod source

Information	Display
Song title*	"Song Title"
Album name*	"Album Name"
Artist name*	"Artist Name"
Title and Artist name**	"Title/Artist"
Album and Artist name**	"Album/Artist"
Folder name	"Folder Name"
File name	"File Name"
Play time	"P-Time"
Clock	"Clock"
Date	"Date"
Blank	"Blank"

On CD source

Information	Display
Disc title	"Disc Title"
Track title	"Track Title"
Play time	"P-Time"
Clock	"Clock"
Date	"Date"
Blank	"Blank"

On Tuner source

Information	Display
Frequency & Program Service name (FM)	"Frequency/PS"
Song title [†] (FM)*	"Song Title"
Artist name [†] (FM)*	"Artist Name"
Title & Artist name [†] (FM)**	"Title/Artist"
Station name [†] (FM)	"Station Name"
Radio text + [†] (FM)	"Radio Text +"
Radio text [†] (FM)	"Radio Text"
Frequency (AM)	"Frequency"
Clock	"Clock"
Date	"Date"
Blank	"Blank"

[†]Information of Radio text plus is displayed.

On Bluetooth audio source

Information	Display
Source name	"Source Name"
Song title*	"Song Title"
Album name*	"Album Name"
Artist name*	"Artist Name"
Song title and Artist name**	"Title/Artist"
Album name and Artist name**	"Album/Artist"
Clock	"Clock"
Date	"Date"
Blank	"Blank"

On Standby/ Auxiliary input source

Information	Display
Source name (AUX only)	"Source Name"
Clock	"Clock"
Date	"Date"
Blank	"Blank"

*Display type A only
**Display type B only

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Text selection item**
Select the following items using the Control knob.
"Settings" > "DISP&ILLUMI" > "Display Select" > "Text Select"
- 3 Select the text display part**
Push the Control knob upward or downward.
The selected text display part blinks.
- 4 Determine the selection**
Turn the Control knob.
- 5 Exit the Function setting mode**
Press and hold the [↵] button.



- If the selected display item does not have any information, alternative information is displayed.
- Setting is available when the display type is A or B which allows text display. Refer to <Selecting a display type> (page 20).
- Some items cannot be selected depending on the display type and row.
- If you select "Folder name" while playing music on the iPod, names will be displayed depending on the currently selected browsing items.
- If you select the APP & iPod Control mode while playing music on the iPod, "APP & iPod Mode" is displayed.
- If all characters cannot be displayed while music is played on the iPod, the file number in the list is displayed.

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

Display settings

Information display setting

You can set the side and graphic parts of the display.

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Display select item**
Select the following items using the Control knob.
"Settings" > "DISP&ILLUMI" > "Display Select"

- 3 Select a desired Information display setting item**
Turn the Control knob to select a display setting item, and then press the Control knob.

Display	Description
"Display Select"	
"Side Select"	Sets the side part display for Type A, B, and D. 1 / 2 / 3 (Type A, B only)
"Graphic Select"	Sets the Type C clock display. 1 / 2
"Status"	Sets the status display (ON/OFF indicator for each function) for Type A and B. "ON" / "OFF"

(_ : Factory setting)

- 4 Select a setting and determine it**
Turn the Control knob to select a desired setting, and then press the Control knob.
The previous item is displayed.
- 5 Exit the Function setting mode**
Press and hold the [↵] button.

Illumination color selection

You can select the illumination color of the panel.

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Color select item**
Select the following items using the Control knob.
"Settings" > "DISP&ILLUMI" > "Color Select"
- 3 Select the part for which you want to set the illumination color**

Display	Part
"Color Select"	
"Color SEL All"	All
"Color SEL Display"	Display
"Color SEL Key"	Button
"Color SEL USB&AUX"	USB terminal and Auxiliary input

Turn the Control knob to select a part, and then press the Control knob.

- 4 Select an illumination color**
Turn the Control knob to select a color, and then press the Control knob.
Select a color from "Variable Scan"/"Color1" — "Color24".

Adjusting the RGB values

In this step, you can also create your original color during the selection from "Color1" — "Color24". The color you created can be called by selecting "User".

- 1. Press and hold the Control knob.**
Enter the Detail color adjustment mode.
- 2. Set the color.**

Operation type	Operation
To select the color to adjust (Red, Green, or Blue)	Push the Control knob rightward or leftward.
To adjust color. (Range: 0 – 9)	Turn the Control knob.

- 3. Press the Control knob.**
Exit the detail color adjustment mode.
- 5 Exit the Function setting mode**
Press and hold the [↵] button.

Display & Illumination setting

You can set the display and illumination.

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Display & Illumination setting item**
Select the following items using the Control knob.
"Settings" > "DISP&ILLUMI"
- 3 Select a desired Display & Illumination setting item**
Turn the Control knob to select Display & Illumination setting item, and then press the Control knob.

Display	Description
"DISP&ILLUMI"	
"Display Dimmer"	Dims the display part in conjunction with the light switch of the vehicle. "Auto": Dims the display in conjunction with the Light switch of the vehicle. "Manual1": Dims the display constantly. "Manual2": Dims the display darker than that in the Manual1 mode. "OFF": Does not dim the display.
"Contrast"	Sets the display contrast. "1" – "10" – "30"
"DISP NEGA/POSI"	Switches the panel display between positive and negative modes. "NEGA1": Displays the text in the negative mode. "NEGA2": When the interior light is off, the text is displayed in the negative mode; when the interior light is on, the text is displayed in the positive mode. "POSI1": Displays the text in the positive mode. "POSI2": When the interior light is off, the text is displayed in the positive mode; when the interior light is on, the text is displayed in the negative mode.
"Text Scroll"	Sets the method of scrolling to view hidden texts. "Auto": Scrolls. "Once": Scrolls once. "OFF": Does not scroll.
"BT DVC Status"	You can display the connection status, signal strength, and battery level. [Battery Icon]: Battery level of cell-phone. [Signal Icon]: Signal strength of cell-phone.

"ILLUMI Dimmer"	Reduces the key Illumination brightness. "Auto": Dims the illumination in conjunction with the Light switch of the vehicle. "Manual1": Dims the illumination constantly. "Manual2": Dims the illumination darker than that in the Manual1 mode. "OFF": Does not dim the illumination.
"ILLUMI Effect"	Sets whether the key illumination color is changed in conjunction with the key operation. "ON" / "OFF"

(_ : Factory setting)

- 4 Determine the Display & Illumination setting**
Turn the Control knob to select a desired setting, and then press the Control knob.
The previous item is displayed.
- 5 Exit the Function setting mode**
Press and hold the [↵] button.

General operation

Adjusting the clock

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Clock Adjust item**
Select the following items using the Control knob.
"Settings" > "Clock&Date" > "Clock Adjust"
- 3 Set the hour**
Turn the Control knob to adjust the hour, and then press the Control knob.
- 4 Set the minute**
Turn the Control knob to adjust the minute, and then press the Control knob.
- 5 Exit the Function setting mode**
Press and hold the [**↵**] button.



- For adjustment during summer time, refer to "Summer Time" of <Clock & date display type setting> (page 25).

Adjusting the date

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Date Adjust item**
Select the following items using the Control knob.
"Settings" > "Clock&Date" > "Date Adjust"
- 3 Set the year**
Turn the Control knob to adjust the year, and then press the Control knob.
- 4 Set the month**
Turn the Control knob to adjust the month, and then press the Control knob.
- 5 Set the day**
Turn the Control knob to adjust the day, and then press the Control knob.
- 6 Exit the Function setting mode**
Press and hold the [**↵**] button.

Dual clock display

You can set the time for two different cities.

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the City Select item**
Select the following items using the Control knob.
"Settings" > "Clock&Date" > "City Select"
- 3 Select the clock display part**
Push the Control knob upward or downward.
- 4 Select home and sub cities**
Turn the Control knob.
- 5 Determine the home and sub cities**
Press the Control knob.
- 6 Exit the Function setting mode**
Press and hold the [**↵**] button.



- For adjustment of Home time, refer to <Adjusting the clock> (page 24).
- The time of the sub city is automatically derived from the home time.
When the summer time system is are different between home and sub cities, adjustment can be done by referring to the description of "Sub Clock Adjust" in <Clock & date display type setting> (page 25).

Clock & date display type setting

You can set the display type of the clock and calendar.

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Clock & Date setting item**
Select the following items using the Control knob.
"Settings" > "Clock&Date"
- 3 Select the desired Clock & Date setting item**
Turn the Control knob to select Clock & Date display setting item, and then press the Control knob.

Display	Description
"Clock&Date"	
"Time Synchronized"	Synchronizes this unit's clock with the radio data system station's time data. "ON" / "OFF"
"Summer Time"	Advances the clock one hour when set to ON. "ON" / "OFF"
"Sub Clock Adjust"	Adjusts the time difference caused by summer time. "-1h" / "0h" / "+1h"
"Date Mode"	Sets the date display mode. 7 types

(__ : Factory setting)

- 4 Select a setting and determine it**
Turn the Control knob to select desired setting, and then press the Control knob.
The previous item is displayed.
- 5 Exit the Function setting mode**
Press and hold the [**↵**] button.

General operation

Auxiliary input display setting

You can set the display when switched the AUX source.

- 1 Select the AUX source**
Press the [SRC] button.
Select the "AUX" display.
- 2 Enter the Function setting mode**
Press and hold the Control knob.
- 3 Select the AUX name set item**
Select the following items using the Control knob.
"Settings" > "AUX Name Set"
- 4 Select the display connected as an AUX source and determine it**
Turn the Control knob to select the Auxiliary input display, and then press the Control knob.
Select "AUX", "DVD", "PORTABLE", "GAME", "VIDEO", or "TV".
- 5 Exit the Function setting mode**
Press and hold the [↵] button.

Demonstration mode setting

You can turn on/off the demonstration mode.

- 1 Enter the Function setting mode**
Press and hold the Control knob.
- 2 Select the Demonstration mode item**
Turn the Control knob to select "DEMO Mode", and then press the Control knob.
- 3 Select a setting and determine it**
Turn the Control knob to select a desired setting ("ON" or "OFF"), and then press the Control knob.
Exit the Function setting mode.

Initial settings

You can configure initial settings of this unit.

- 1 Select the Standby**
Press the [SRC] button.
Select the "STANDBY" display.
- 2 Enter the Function setting mode**
Press and hold the Control knob.
- 3 Select the Initial settings item**
Turn the Control knob to select "Initial Settings", and then press the Control knob.
- 4 Select a desired Initial setting item**
Turn the Control knob to select an Initial setting item, and then press the Control knob.

Display	Description
"Initial Settings"	
"SRC Select"	Select "2" to change the source selection method. Press the [SRC] button, turn the Control knob to select the source, and then press the Control knob to determine it. 1 / 2
"Key Beep"	Setting the operation check sound (beep sound) ON/OFF. "ON" / "OFF"
"Russian"	When this is set to ON, the following character strings are displayed in Russian: Folder name/ File name/ Song title/ Artist name/ Album name "ON" / "OFF"
"Function Language"	Changes the display language of items displayed in the Function setting mode. "English" / "Français" / "Español" / "Deutsch" / "Italiano" / "Русский"
"Power 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. "OFF": Power OFF Timer function is OFF. "20MIN": Turns the power OFF after 20 minutes. (Factory setting) "40MIN": Turns the power OFF after 40 minutes. "60MIN": Turns the power OFF after 60 minutes.
"Built-in AUX"	Sets whether to display AUX during source selection. "ON" / "OFF"

"CD Read"	Sets the method for reading CD. When unable to play a special format CD, set this setting to "2" to force playing. Note that some music CDs may be unplayable even when set to "2". In addition, audio files cannot be played when set to "2". Normally, keep this set to "1". 1: Automatically distinguishes between the audio file disc and music CD when playing a disc. 2: Forces playing as a music CD.
"Built-in AMP"	Selecting "OFF" turns off the built-in amplifier. Turning off the built-in amplifier improves the quality of the sound from Preout. "ON" / "OFF"
"Speaker Select"	Sets the speaker type so that the System Q value is optimal. "OFF": OFF "5/4inch": For 5 & 4 in. speaker "6x9/6inch": For 6 & 6x9 in. speaker "O.E.M.": For the OEM speaker
"F/W Update"	Upgrades the firmware. Selecting "YES" and then pressing the Control knob starts upgrading the firmware. For how to update the firmware, access our web site. http://www.kenwood.com/cs/ce/

(__ : Factory setting)

- 5 Select an Initial setting and determine it**
Turn the Control knob to select desired setting, and then press the Control knob.
The previous item is displayed.
- 6 Exit the Function setting mode**
Press and hold the [↵] button.

Registering a Bluetooth device

About registration of a Bluetooth device

If your Bluetooth device is not yet registered, register (pair) it by referring to <Simple Bluetooth device registration> (page 28) , <Registering a Bluetooth device by operating it> (page 29), or <Registering a Bluetooth device by operating this unit> (page 29) .



- For details on the Bluetooth cell-phone with the hands-free function, see <About the Bluetooth module> (page 51).
- If there are 5 Bluetooth devices registered, you cannot register a new Bluetooth device.
- When any error code is displayed while the pairing is in progress, refer to <Troubleshooting guide> (page 52).

Simple Bluetooth device registration

You can register a Bluetooth device using a simple procedure.

1 Enter the Bluetooth mode

Press and hold the [] button.

If your Bluetooth device is not yet registered, search for a Bluetooth device starts with “Searching” displayed.

Pairing with a new Bluetooth device

Turn the Control knob to select “Device Search”, and then press the Control knob.

Search for a Bluetooth device starts with “Searching” displayed.

2 Select the Bluetooth device you wish to register

Turn the Control knob to select the Bluetooth device name, and then press the Control knob.

3 Input the PIN code

Operation type	Operation
Selection of the numbers	Turn the Control knob.
Movement to the next digit	Push the Control knob rightward.
Deletion of the last digit	Push the Control knob leftward.
Transmission of PIN code	Press the Control knob.

Pairing completes with “HF Connect” or “Audio Connect” displayed.

Registering a Bluetooth device by operating it

You can register a Bluetooth device using its registration function.

1 Turn on this unit

Press the [SRC] button.

2 Start registering a unit by operating the Bluetooth device

By operating the Bluetooth device, register the hands-free unit (pairing). Select “KENWOOD BT CD/R-6P1” from the list of connected units.

3 Enter the PIN code

Input the PIN code registered as mentioned in <Registering the PIN code> (page 42).

Check that registration is complete on the Bluetooth device.

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

Registering a Bluetooth device by operating this unit

You can register a Bluetooth device using the registration function of this unit.

1 Enter the Bluetooth mode

Press the [] button.

“BT MODE” is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select a Bluetooth device registration item

Select the following items using the Control knob. “Settings” > “Pairing” > “Device Registration”

Search for the Bluetooth device.

When search is completed, “Finished” is displayed.

4 Select the Bluetooth device you wish to register

Turn the Control knob to select the Bluetooth device, and then press the Control knob.

5 Input the PIN code

Operation type	Operation
Selection of number	Turn the Control knob.
Movement to the next digit	Push the Control knob rightward.
Deletion of the last digit	Push the Control knob leftward.
Transmission of PIN code	Press the Control knob.

If “Pairing Success” is displayed, registration is complete.

6 Return to the device list

Press the Control knob.

7 Exit the Bluetooth mode

Press the [SRC] button.




- This unit allows up to eight 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 the error message appears even though the PIN code is correct, try the procedure mentioned in <Registering a special Bluetooth device> (page 30).

Registering a Bluetooth device

Registering a special Bluetooth device

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

1 Enter the Bluetooth mode

Press the [] button.
"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select a Special device registration item

Select the following items using the Control knob.
"Settings" > "Pairing" > "SPCL Device Select"

4 Select the Bluetooth device you wish to register

Turn the Control knob to select the Bluetooth device, and then press the Control knob.
If "Completed" is displayed, registration is completed.

5 Register the selected Bluetooth device

Go through the procedure mentioned in [<Registering a Bluetooth device> \(page 28\)](#) and complete the registration (pairing).

Canceling the Bluetooth mode

Press the [SRC] button.




- If the device name is not in the list, select "Other Phones".

Simple Bluetooth device selection

If Bluetooth devices have been registered but none of them is connected, you can select a Bluetooth device using a simple procedure.

1 Enter the Bluetooth mode

Press and hold the [] button.

2 Select the Bluetooth device you wish to connect

Turn the Control knob to select the Bluetooth device name, and then press the Control knob.

3 Select a connection profile

Turn the Control knob to select Profile, and then press the Control knob.

Pairing completes with "HF Connect" or "Audio Connect" displayed.


"A": Bluetooth device registered using A2DP (Advanced Audio Distribution Profile)

"H": Bluetooth device registered using HFP (Hands Free Profile).

Selecting the Bluetooth device you wish to connect

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

1 Enter the Bluetooth mode

Press the [] button.
"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select a Bluetooth device selection item

Select the following items using the Control knob.
"Settings" > "Pairing" > "Phone Selection" (to select the cell-phone) or "Audio Selection" (to select the audio player)
"(name)" is displayed.

4 Select a desired Bluetooth device

Turn the Control knob to select a Bluetooth device, and then press the Control 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 the Bluetooth mode

Press the [SRC] button.




- If a cell-phone is already selected, deselect it, and then select a different one.
- If you cannot select a device using the audio player, connect the device with the audio player.

Deleting a registered Bluetooth device

You can delete a registered Bluetooth device.

1 Enter the Bluetooth mode

Press the [] button.
"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select a Bluetooth device deletion item

Select the following items using the Control knob.
"Settings" > "Pairing" > "Device Delete"
Device names are displayed.

4 Select the Bluetooth device you wish to delete

Turn the Control knob to select a Bluetooth device, and then press the Control knob.

5 Determine the selection

Turn the Control knob to select "YES"; and then press the Control knob.
"Completed" is displayed.

6 Exit the Bluetooth mode

Press the [SRC] button.




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

Registering Bluetooth device

Bluetooth device registration test

You can check whether a Bluetooth device can be registered by operating this unit.

1 Enter the Bluetooth mode

Press and hold the [] button.

Search for a Bluetooth device starts with "Searching" displayed.

2 Select the Bluetooth device to test

Turn the Control knob to select the Bluetooth device name.

3 Enter the Connectivity test mode

Press and hold the Control knob.

"BT Test Mode" is displayed.

4 Input the PIN code

Input the PIN code of Bluetooth device if it has been changed from default.

Operation type	Operation
Selection of numbers	Turn the Control knob.
Movement to the next digit	Push the Control knob rightward.
Delete the last digit	Push the Control knob leftward.
Transmit the PIN code.	Press the Control knob.

When pairing is completed successfully, connection test starts automatically.

When the connection test is completed, test results are displayed on a function basis ("OK": Enabled; "NG": Disabled).

Display	Description
"Pairing"	Registration in this unit
"HF Connect"	Hands-free phoning
"AUD Connect"	Audio playback
"PB Download"	Phone Book downloading

5 Exit the Connectivity test mode

Press the Control knob.

Operation for hands-free phoning

Receiving a call

You can answer a phone call

Press the [📞] button.



- The following operations disconnect the line:
 - Inserting a CD.
 - Connecting 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 [📞] button.

Calling a number in the phone book

1 Enter the Bluetooth mode

Press the [📞] button.

"BT MODE" is displayed.

2 Select the Name search mode

Turn the Control knob to select "Phone Book", and then press the Control knob.

3 Search for a number/name in the phone book

Operation type	Operation
Selection of phone number	Turn the Control knob.
Selection of name	Push the Control knob rightward or leftward.
Selection of initial	Push the Control knob upward or downward.
Determination of phone number	Press the Control knob.

4 Make a call

Press the [📞] button.



- If the phone book has not yet been downloaded automatically, download it according to <Downloading the phone book> (page 42).
- Pressing the [DISP] button each time switches between name and phone number.
- During search, a non-accent character such as "u" is searched for instead of an accent character such as "ü".

Dialing a number

1 Enter the Bluetooth mode

Press the [📞] button.

"BT MODE" is displayed.

2 Select the Number dial mode

Turn the Control knob to select "Number Dial", and then press the Control knob.

3 Enter a phone number

Turn the Control knob to select a number, and then push the Control knob rightward.

4 Make a call

Press the [📞] button.

To erase the entered phone number digit by digit:

Push the Control knob leftward.



- You can input a maximum of 32 digits.

Calling a number in the call log

1 Enter the Bluetooth mode

Press the [📞] button.

"BT MODE" is displayed.

2 Select the Call log mode

Turn the Control knob to select "Incoming Calls", "Outgoing Calls", or "Missed Calls", and then press the Control knob.

"Incoming Calls": Incoming calls

"Outgoing Calls": Outgoing calls

"Missed Calls": Missed calls

3 Select a name or phone number

Turn the Control knob.

4 Make a call



Press the [📞] button.



- Pressing the [DISP] button each time switches between the name and phone number.
- The outgoing call list, incoming call list, and missed call list, are the lists of calls originated from and received by this unit. They are not the ones stored in the cell-phone memory.

Operation for hands-free phoning

Speed dialing (Preset dial)

- 1 Enter the Bluetooth mode**
Press the [] button.
"BT MODE" is displayed.
- 2 Select the Preset dial mode**
Turn the Control knob to select "Preset Call", and then press the Control knob.
- 3 Select the number you want to recall from the memory**
Turn the Control knob to select a recall number ("P1" – "P6"), and then press the Control knob.
- 4 Make a call**
Press the [] button.



- You need to register the preset dial number. Refer to [<Registering in the preset dial number list>](#) (page 36).

Registering in the preset dial number list

- 1 Enter the phone number you wish to register**
Enter the phone number with reference to the following:
Dialing a number/ Calling a number in the call log/
Calling a number in the phone book
- 2 Enter the Preset memory mode**
Press the [PRESET] button.
- 3 Select a number and store it in the memory**
Turn the Control knob to select memory number ("P1" – "P6"), and then press and hold the Control knob.

Canceling the Preset memory mode

- Press the [] button.

During a call

Disconnecting a Call

- Press the [SRC] button.

Switching to the Private mode

- Push the Control knob rightward or leftward.
Pressing this knob each time switches between the private talk mode ("PRIVATE") and hands-free talk mode.



- 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 Control knob.

Call waiting

Answering another incoming call with the current call suspended

- Press the [] button.

Answering another incoming call after terminating the current call

- Press the [SRC] button.

Continuing the current call

- 1 Press the Control knob.**
- 2 Turn the Control knob to select "Reject", and then press the Control knob.**

Answering the waiting call after terminating the current call

- Press the [] button.

Switching between the current call and waiting call

- Press the Control knob.
Pressing this knob each time switches between the calling parties.


Operation for hands-free phoning

Clearing the disconnection message

Press the  button.
 "HF Disconnect" disappears.






Making a call by voice dialing

You can make a voice call using the voice recognition function of the cell-phone.

- 1 Enter the Bluetooth mode**
 Press the  button.
 "BT MODE" is displayed.
- 2 Enter the Voice tag mode**
 Turn the Control knob to select "Voice Tag", and then press the Control knob.
- 3 Have the cell-phone recognize your spoken word**
 Pronounce the name registered in the cell-phone.
 The recognized phone number (name) is displayed.
- 4 Make a call**
 Press the Control knob.

Display of phone number types (categories)

The category items in the phone book are displayed as follows:

Display	Information
"General" / 	General
"Home" / 	Home
"Office" / 	Office
"Mobile" / 	Mobile
"Other" / 	Other

Bluetooth audio device operation

Before use

- You need to register your Bluetooth audio player before using it with this unit. For more details, see <Registering a Bluetooth device> (page 28).
- You need to select the Bluetooth audio player you wish to connect. Refer to <Selecting the Bluetooth device you wish to connect> (page 31).

Basic operations

Selecting a Bluetooth audio source

Press the [SRC] button.
Select the "BT AUDIO" display.

Pause and play

Press the [⏮] button.

Music search

Push the Control knob rightward or leftward.

Fast forward or Fast backward of the song

Push and hold the Control knob rightward or leftward



- All or some of the operations above cannot be performed if the Bluetooth audio player is not ready for remote control.
- Switching between Bluetooth audio sources does not start or stop playback automatically. Perform the operation for starting or stopping playback.
- Some audio players cannot be controlled remotely or reconnected after Bluetooth disconnection. Operate the main unit of the audio player to connect a Bluetooth device.

Playback mode

You can select a playback mode, such as Random play and Repeat play.

1 Select the Bluetooth audio source

Press the [SRC] button.
Select the "BT AUDIO" display.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Playback function mode

Turn the Control knob to select "Play Mode", and then press the Control knob.

4 Select a desired playback mode

Turn the Control knob to select a playback mode, and then press the Control knob.

Display	Description
"Play Mode"	
"Random"	When set to "ON", plays the songs randomly. "ON" / "OFF"
"File Repeat"	When set to "ON", plays the select songs repeatedly. "ON" / "OFF"

(_ : Factory setting)

5 Determine the selection

Press the Control knob.
The previous item is displayed.

6 Exit the Function setting mode

Press and hold the [⏮] button.



- The available playback functions differ depending on the type of the connected Bluetooth audio player.

Switching between Bluetooth devices

When two Bluetooth devices are connected, you can select the Bluetooth device you want to use.

1 Select the Bluetooth audio source

Press the [SRC] button.
Select the "BT AUDIO" display.

2 Select a Bluetooth device


Press the [PRESET] button.
"Device Priority" is displayed and the currently selected device name is displayed.

Bluetooth setup

Registering the PIN code

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

1 Enter the Bluetooth mode

Press the [] button.
"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the PIN code edit item

Select the following items using the Control knob.

"Settings" > "Detailed Settings" > "PIN Code Edit"

4 Input the PIN code

Operation type	Operation
Selection of numbers	Turn the Control knob.
Movement to the next digit	Push the Control knob rightward.
Deletion of the last digit	Push the Control knob leftward.
Transmission of PIN code	Press the Control knob.

If "Completed" is displayed, registration is complete.

5 Exit the Bluetooth mode

Press the [SRC] button.



- By default, "0000" is specified.
- A PIN code can be specified with up to eight digits.

Downloading the phone book

You can download the phone book data from the cell-phone to this unit so that you can use the phone book of this unit.

Downloading 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 "Completed" is displayed, your cell-phone may not support a phone book data automatic downloading function. In this case, try downloading manually.

Downloading from the cell-phone manually

1 Operate the cell-phone to end the hands-free connection.

2 Operate the cell-phone to 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:
"Completed" is displayed.

3 Operate the cell-phone to start the hands-free connection.

Clearing the downloading completion message

Press any button.




- Up to 600 phone numbers can be registered for each registered cell-phone.
- Up to 32 digits can be registered for each phone number along with up to 50* characters representing a name. (* 50: Number of 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.

Displaying the firmware version

You can view the version of the firmware of this unit.

1 Enter the Bluetooth mode

Press the [] button.
"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Bluetooth firmware update item

Select the following items using the Control knob.

"Settings" > "Detailed Settings" > "BT F/W Update"

The firmware version appears.

4 Exit the Bluetooth mode

Press the [SRC] button.



- For how to update the firmware, access our web site. www.kenwood.com/bt/information/

Bluetooth setup

Bluetooth detail setting

You can configure the initial settings of this unit.

1 Enter the Bluetooth mode

Press the [] button.

"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the Detailed Settings item

Select the following items using the Control knob.

"Settings" > "Detailed Settings"

4 Select a desired Bluetooth detail setting item

Turn the Control knob to select Bluetooth a detail setting item, and then press the Control knob.


"Echo Cancel Level"	Sets the echo cancellation level. "-1" - "0" - "+1" (0 : Factory setting)
---------------------	--

5 Select a Bluetooth detail setting value and determine it

Turn the Control knob to select desired setting, and then press the Control knob.

The previous item is displayed.

6 Exit the Function setting mode

Press and hold the [] button.

Display	Description
"Detailed Settings"	
"Auto Answer"	Automatically answers a call after lapse of the preset time interval. "OFF": Does not answer the phone call automatically. "0SEC": Automatically answers the phone call at once. "1SEC" - "8SEC" - "99SEC": Automatically answers the phone call after lapse of 1 - 99 seconds.
"Auto Reconnect"	When set to "ON", starts re-pairing with the registered Bluetooth device automatically when it becomes unpaired. "ON" / "OFF"
"Bluetooth HF/ Audio"	Specifies the output speakers for hands-free voice communication and Bluetooth audio sound. "Front": Outputs sound from the front speakers. "All": Outputs sound from the front and rear speakers.
"Call Beep"	Sets whether to output a beep from the speaker when a call comes in. "ON": Outputs a beep. "OFF": Does not output a beep.
"MIC Gain"	Adjusts the sensitivity of the microphone for telephone call or adjusts the voice of the caller. "1" - "20" - "30"
"NR Level"	Reduces the noise generated by the surrounding environment without changing the microphone volume or adjusts the voice of the caller when it is not clear. Setting to a positive (+) value enhances the noise reduction effect. "-1" - "0" - "+1"

SMS (Short Message Service)

Displaying the SMS

You can view the SMS received by the cell-phone on the display of this unit.

A newly received message is displayed.



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

When a new message arrives

"SMS Received" is displayed.

The display disappears with any operation.

Displaying the SMS

1 Enter the Bluetooth mode

Press the [] button.

"BT MODE" is displayed.

2 Select the SMS inbox display mode

Turn the Control knob to select "SMS Inbox", and then press the Control knob.

3 Select a message

Turn the Control knob.

Pressing the [DISP] button each time switches between the display of the telephone number or name and the display of the message reception date.

4 Display the text

Press the Control knob.

Turn the Control knob to scroll through the message.

Press the Control knob to return to the message list screen.

5 Exit the Bluetooth mode

Press the [SRC] button.



- The unopened message is displayed at the beginning of the list. Other messages are displayed in the order of reception.
- The SMS that is received when the cell-phone is not linked with Bluetooth cannot be displayed. You need to download it.
- The received short message(s) cannot be displayed during downloading a new SMS.

Downloading the SMS

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

1 Enter the Bluetooth mode

Press the [] button.

"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the SMS download item

Select the following items using the Control knob.

"Settings" > "SMS" > "SMS Download"

4 Start downloading

Press the Control knob.

"Downloading" is displayed.

When the downloading is completed, "Completed" is displayed.

5 Exit the Bluetooth mode

Press the [SRC] button.



- 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 an SMS function, the SMS download item is not displayed in the Function control mode.
- When the SMS is downloaded from the cell-phone, the unopened messages in the cell-phone are opened.
- Up to 149 already read and unread short messages can be downloaded respectively.
- "SMS" does not appear in the Function setting item when a SMS supporting device is not connected.

SMS reply setting

You can select a method to reply to the received SMS.

1 Enter the Bluetooth mode

Press the [] button.

"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the SMS Reply item

Select the following items using the Control knob.

"Settings" > "SMS" > "SMS Reply"

4 Select a desired Reply setting

Reply setting	Display	Operation
Auto	"Auto"	Replies to the received SMS automatically.
Manual	"Manual"	Sets whether to reply to the received SMS.
OFF	"OFF"	Does not reply to the received SMS.

Turn the Control knob to select Reply setting, and then press the Control knob.

5 Exit the Function setting mode

Press and hold the [] button.



- Set the reply message according to <Return message setting> (page 47).
- When "Auto" is selected, a reply is made only to the SMS from the phone whose phone number has been registered in the phone book. If an SMS is received from the phone whose phone number has not been registered in the phone book, you can reply to it in the same manner as you selected "Manual".
- When an SMS is received with "Manual" selected, "SMS Reply" is displayed. Selecting "Yes" sends the reply. Selecting "No" cancels the reply. Selecting "Yes" allows you to select a message (language).
- If sending of a reply message fails, "Send Error" is displayed. While "SMS Resend" is still displayed on the display, selecting "Yes" resends the reply. Selecting "No" cancels the reply.
- "SMS" does not appear in the Function setting item when a SMS supporting device is not connected.

Return message setting

You can select a return message (language).

1 Enter the Bluetooth mode

Press the [] button.

"BT MODE" is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the SMS Message select item

Select the following items using the Control knob.

"Settings" > "SMS" > "SMS Message"

4 Select a desired message (language)

Turn the Control knob to select a message (language), and then press the Control knob.

5 Exit the Function setting mode

Press and hold the [] button.



- If you select "User" from the message, the previously created original message will be sent. Refer to <Creating an original message> (page 48).
- "SMS" does not appear in the Function setting item when a SMS supporting device is not connected.

SMS (Short Message Service)

Creating an original message

You can create an original return message.

1 Enter the Bluetooth mode

Press the [] button.

“BT MODE” is displayed.

2 Enter the Function setting mode

Press and hold the Control knob.

3 Select the SMS Message select item



Select the following items using the Control knob.

“Settings” > “SMS” > “SMS Message”

4 Select the SMS message edit mode

Turn the Control knob to select “User”, and then press the Control knob.


5 Create a message

Operation type	Operation
Selection of characters	Turn the Control knob.
Selection of column	Push the Control knob rightward or leftward.
Selection of character type	Press the [DISP] button.
Deletion of character	Press the [] button.
Deletion of all characters.	Press and hold the [] button

6 Determine the selection

Press the Control knob.

7 Exit the Function setting mode

Press and hold the [] button.



- “SMS” does not appear in the Function setting item when a SMS supporting device is not connected.

Appendix

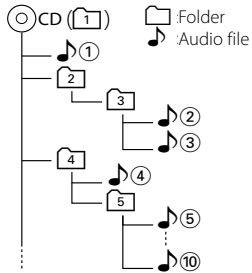
About the Audio file

- **Playable Audio files**
AAC-LC (.m4a), MP3 (.mp3), WMA (.wma)
- **Playable disc media**
CD-R/RW/ROM
- **Playable disc file formats**
ISO 9660 Level 1/2, Joliet, Romeo, Long file name.
- **Playable USB devices**
USB mass storage class
- **Playable USB device file systems**
FAT16, FAT32

Even if the audio files comply with the standards listed above, playback may be impossible depending on the type or condition of the medium or device.

• Playback order of the Audio files

In the example of folder/file tree shown below, files are played in the order of number from ① to ⑩.



For the online manual describing audio files, visit www.kenwood.com/cs/ce/audiofile/. In this online manual, detailed information and notes which are not provided in this manual are provided. Make sure to read through the online manual as well.



- In this manual, the term "USB device" indicates a flash memory or digital audio player which has a USB terminal.

About the USB device

- When the USB device is connected to this unit, it is charged when 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 or multi card reader.
- Save backups of the audio files used with this unit. The files can be erased depending on the operating condition of the USB device. We shall not be liable 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, use 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 4 m can result in abnormal playback.

Models of iPods/iPhones that can be connected to this unit

Made for

- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPod with video
- iPod classic
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

- For information on the compatibility with iPod/iPhone software, visit www.kenwood.com/cs/ce/ipod/.
- Types of available control vary depending on the type of connected iPod. Visit 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 (optional accessory).
- Refer to the web site for connectable iPods and iPod connection cables. www.kenwood.com/cs/ce/ipod/



- If you start playback after connecting the iPod, the music that was playing on 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 the iPod if "KENWOOD" or "✓" is displayed on the iPod.

About the Bluetooth module

This unit conforms to the following Bluetooth specifications:

Version	Bluetooth Ver. 3.0 Certified
Profile	HFP (Hands Free Profile) HSP (Headset Profile) SPP (Serial Port Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile) PBAP (Phonebook Access Profile) OPP (Object Push 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"

- This unit supports the PC application "KENWOOD Music Editor Light ver1.1" or later.
- When you use the audio file with database information added by the "KENWOOD Music Editor Light ver1.1", you can search for a file by title, album or artist name using the function mentioned in <Music search> (page 14).
- In the Instruction manual, the term "Music Editor media" indicates the device that contains audio files with database information added with KENWOOD Music Editor.
- "KENWOOD Music Editor Light ver1.1" is available from the following web site: www.kenwood.com/cs/ce/
- For further information on "KENWOOD Music Editor Light ver1.1", refer to the site above or the application help.

Troubleshooting guide

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

- !** • **Cannot set up display.**
 - ▶ The demonstration mode is not turned off as mentioned in <Demonstration mode setting> (page 26).

- !** • **Cannot set the “Text Select”, “Side Select”, or “Status” setting for the “Display Select” item.**
 - ▶ A display type is not selected as mentioned in <Selecting a display type> (page 20).

- !** • **Cannot set up the subwoofer.**
 - **Cannot set up the low pass filter.**
 - **No output from the subwoofer.**
 - ▶ “SubWoofers” is not set to ON as mentioned in <Audio control> (page 8).

- !** **Cannot set up the subwoofer phase.**
 - ▶ “LPF SubWoofers” is set to “Through” as mentioned in <Audio control> (page 8).

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

General

- ?** **The key beep does not sound**
 - ✓ The Preout jack is in use.
 - ☞ The key beep cannot be output from the Preout jack.

- ?** • **Sound cannot be heard.**
 - **The unit does not turn on.**
 - **Information shown on the display is incorrect.**
 - ✓ The connectors are dirty.
 - ☞ Clean the connectors. Refer to <Cleaning the connector> (page 4).

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 with reference to <Handling discs> (page 4).
 - ✓ 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 CD with reference to <Handling discs> (page 4).
 - ✓ The recording condition is bad.
 - ☞ Play the media again or use another media.

Troubleshooting guide

The messages shown below indicates your system condition.

“TOC Error”

- The CD is quite dirty. The CD is upside-down. The CD is scratched a lot.
- The disc is unreadable.

“IN” (blink)

- The CD player section is not operating properly.
 - ⇨ Reinsert the CD. If the CD cannot be ejected or the display continues to blink 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 short-circuited or touched the chassis of the vehicle, and then the protection function has been activated.
 - ⇨ Lay or insulate the speaker cable properly and press the Reset button. If “Protect” does not disappear, consult your nearest service center.

“NA File”

- An Audio file is played in a format that is not supported by this unit.

“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 “Read Error” is still displayed, initialize the USB device or use another USB device.

“No Device”

- A USB device is selected as a source although no USB device is connected.
 - ⇨ Change the source to any source other than the USB device. Connect an USB device, and change the source to the USB device again.

“N/A Device”

- An unsupported USB device is connected.
- Connection to the iPod has failed.
 - ⇨ Check that the connected iPod is supported. See [<About the Audio file> \(page 50\)](#) for information on supported iPods.

“No Music Data”

- The connected USB device contains no playable audio file.
- A medium that does not have playable data has been played.

“iPod Error”

- Connection to the iPod has failed.
 - ⇨ Remove the USB device and then reconnect it.
 - ⇨ Reset iPod/ iPhone.

“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 Disconnect”

- The unit cannot communicate with the cell-phone.

“AUD Disconnect”

- The unit cannot communicate with the Bluetooth audio player.

“HF Error 07”

- The memory cannot be accessed.
 - ⇨ Cycle the power switch. If this message still appears, press the Reset button on the control unit.

“HF Error 68”

- The unit cannot communicate with the cell-phone.
 - ⇨ Cycle the power switch. If this message still appears, press the Reset button on the control unit.

“HF Error 89”

- Update of the firmware has failed.
 - ⇨ Retry update of the firmware.

“Unknown”

- The Bluetooth device cannot be detected.

“Device Full”

- 5 Bluetooth device have already been registered. No more Bluetooth devices are registered.

“PIN Code NG”

- The PIN code is wrong.

“Connect NG”

- The unit cannot be connected to the device.

“Pairing Failed”

- Pairing error.

“N/A Voice Tag”

- No voice tags are registered in your cell-phone.

“No Phonebook”

- Data is not contained in the phone book.

“No Message”

- No short message in In Box.

“Send Error”

- SMS could not be sent.

“No Support”

- The connected Bluetooth device does not support a voice recognition function.

“No Active Device”

- Any Bluetooth device supporting a voice recognition function is not connected.

Specifications

FM tuner section

Frequency range (50 kHz step)
: 87.5 MHz – 108.0 MHz
Usable sensitivity (S/N = 26dB)
: 1 μ V/75 Ω
Quieting Sensitivity (S/N = 46dB)
: 19.2 dBf (2.5 μ V/75 Ω)
Frequency response (\pm 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 step)
: 531 kHz – 1611 kHz
Usable sensitivity (S/N = 20dB)
: 36 μ V

LW tuner section

Frequency range (9 kHz step)
: 153 kHz – 279 kHz
Usable sensitivity (S/N = 20dB)
: 57 μ V

CD player section

Laser diode
: GaAIs
Digital filter (D/A)
: 8 Times Over Sampling
D/A Converter
: 24 Bit
Spindle speed (Audio files)
: 500 – 200 rpm (CLV)
Wow & Flutter
: Below Measurable Limit
Frequency response (\pm 1 dB)
: 10 Hz – 20 kHz
Total harmonic distortion (1 kHz)
: 0.008 %
Signal to Noise ratio (1 kHz)
: 110 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

USB Standard
: USB1.1/ 2.0 (Full speed)
File System
: FAT16/ 32
Maximum Supply current
: DC 5 V $\bar{---}$ 1 A
MP3 decode
: Compliant with MPEG-1/2 Audio Layer-3
WMA decode
: Compliant with Windows Media Audio
AAC decode
: AAC-LC “.m4a” files

Audio section

Maximum output power
: 50 W x 4
PWR DIN45324,+B=14.4V
: 30 W x 4
Speaker Impedance
: 4 – 8 Ω
Tone action
Bass : 100 Hz \pm 8 dB
Middle : 1 kHz \pm 8 dB
Treble : 12.5 kHz \pm 8 dB
Preout level / Load (CD)
: 2500 mV/10 k Ω
Preout impedance
: \leq 600 Ω

Bluetooth section

Version
: Bluetooth Ver. 3.0 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
Profiles
: HFP (Hands Free Profile)
: HSP (Headset Profile)
: SPP (Serial Port Profile)
: A2DP (Advanced Audio Distribution Profile)
: AVRCP (Audio/Video Remote Control Profile)
: PBAP (Phonebook Access Profile)
: OPP (Object Push Profile)

Auxiliary input


Frequency response (\pm 3 dB)
: 20 Hz – 20 kHz
Input Maximum Voltage
: 1200 mV
Input Impedance
: 10 k Ω


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 160 mm
Weight
: 1.3 kg

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



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.

For Turkey

Bu ürün 26891 sayılı 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 ELECTRICAL AND ELECTRONIC EQUIPMENT".

- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by JVC KENWOOD Corporation is under license. Other trademarks and trade names are those of their respective owners.
- The "AAC" logo is a trademark of Dolby Laboratories.
- iTunes is a trademark of Apple Inc.
- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, 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. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

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:

JVC KENWOOD Corporation
3-12, Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0022, JAPAN

EU Representative's:

Kenwood Electronics Europe BV
Amsterdamseweg 37, 1422 AC UITHOORN, The Netherlands



English

• Hereby, Kenwood declares that this unit KDC-BT52U 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-BT52U est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
- Par la présente, Kenwood déclare que ce KDC-BT52U 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-BT52U 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-BT52U mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG. (Wien)

Nederlands

- Hierbij verklaart Kenwood dat het toestel KDC-BT52U in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
- Bij deze verklaart Kenwood dat deze KDC-BT52U 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-BT52U 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-BT52U cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Português

- Kenwood declara que este KDC-BT52U está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Polska

- Kenwood niniejszym oświadcza, że KDC-BT52U spełnia zasadnicze wymogi oraz inne istotne postanowienia dyrektywy 1999/5/EC.

Český

- Kenwood tímto prohlašuje, že KDC-BT52U je ve shodě se základními požadavky a s dalšími příslušnými ustanoveními Nařízení vlády č. 426/2000 Sb.

Magyar

- Alulírott, Kenwood, kijelenti, hogy a jelen KDC-BT52U megfelel az 1999/5/EC irányelvben meghatározott alapvető követelményeknek és egyéb vonatkozó előírásoknak.

Svenska

- Härmed intygar Kenwood att denna KDC-BT52U står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Suomi

- Kenwood vakuuttaa täten että KDC-BT52U tyypinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Slovensko

- S tem Kenwood izjavlja, da je ta KDC-BT52U v skladu z osnovnimi zahtevami in ostalimi ustreznimi predpisi Direktive 1999/5/EC.

Slovensky

- Spoločnosť Kenwood týmto vyhlasuje, že KDC-BT52U spĺňa základné požiadavky a ďalšie príslušné ustanovenia Direktívy 1999/5/EC.

Dansk

- Undertegnede Kenwood erklærer herved, at følgende udstyr KDC-BT52U overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Ελληνικά

- ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Kenwood ΔΗΛΩΝΕΙ ΟΤΙ ΚDC-BT52U ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Eesti

- Sellega kinnitab Kenwood, et see KDC-BT52U vastab direktiivi 1999/5/EC põhilistele nõudmistele ja muudele asjakohastele määrustele.

Latviešu

- Ar šo, Kenwood, apstiprina, ka KDC-BT52U atbilst Direktīvas 1999/5/EK galvenajām prasībām un citiem tās nosacījumiem.

Lietuviškai

- Šiuo, Kenwood, pareiškia, kad šis KDC-BT52U atitinka pagrindinius Direktyvos 1999/5/EB reikalavimus ir kitas svarbias nuostatas.

Malti

- Hawnhekk, Kenwood, jiddikjara li dan KDC-BT52U jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 1999/5/EC.

Українська

- Компанія Kenwood заявляє, що цей виріб KDC-BT52U відповідає ключовим вимогам та іншим пов'язаним положенням Директиви 1999/5/EC.

Turkish

- Kenwood, işbu belge ile KDC-BT52U numaralı bu ünitenin 1999/5/EC Direktifi'nin özel gereksinimlerine ve ilgili diğer hükümlerine uygun olduğunu beyan eder.