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You can read the recommendations in the user guide, the technical guide or the installation guide for KENWOOD KDC-W4044U. You'll find the answers to all your questions on the KENWOOD KDC-W4044U in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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## KENWOOD

**KDC-W4544U**  
**KDC-W4644U**  
**KDC-W4044U**  
**KDC-W413U**

CD-RECEIVER

**INSTRUCTION MANUAL**

AMPLI-TUNER LECTEUR DE CD

**MODE D'EMPLOI**

CD-RECEIVER

**BEDIENUNGSANLEITUNG**

CD RECEIVER

**GEBRUIKSAANWIJZING**

Kenwood Corporation



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**Manual abstract:**

, registered in the U.S. and other countries. @@@@. 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. 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 setting> (page 15). How to reset your unit · If this unit or the connected unit (disc auto changer, etc.) fails to operate properly, press the Reset button. The unit returns to factory settings when the Reset button is pressed. 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. Reset button 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. CDs that cannot be used · CDs that are not round cannot be used. Cleaning the Faceplate Terminals If the terminals on the unit or faceplate get dirty, wipe them with a clean soft dry cloth. · CDs with coloring on the recording surface or CDs that are dirty cannot be used. · This unit can only play the CDs with 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. · 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/CDRW recorder instruction manual.) English \ 3 Basic Operation [SRC] Release [FM+] [AM] Disc slot [ ] USB Terminal Search [DISP] [AUD] [ ] [ ] [1] [2] [3] [4] [5] [6] Auxiliary input General functions Power/Source Select button: [SRC] Turns on the power. When the power is on, the source switches between Tuner ("TUNER"), USB or iPod\*1 ("USB" or "iPod"), CD ("CD"), Auxiliary input ("AUX"), and Standby ("STANDBY") each time this button is pressed. Press at least 1 second to turn off the power. Faceplate release: Release Releases the faceplate lock so that it can be removed.

Refer to the following diagram when reattaching the faceplate. / · When an optional accessory is connected, the source name for each device appears. · When connection of the iPod is recognized, the source display changes from "USB" to "iPod". \*1 Function of KDC-W4544U/ W4644U. ✕ · 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. · To prevent deterioration, do not touch the terminals of the unit or faceplate with your fingers. Volume control: [AUD] knob Turn the knob to adjust the volume.

Subwoofer output: [AM] Switches between ON ("SW ON") and OFF ("SW OFF") each time this button is pressed for at least 2 seconds. / · You can do this function when "SWPRE" in <Menu System> (page 6) is set to "SW". Switching display: [DISP] Changing the information displayed. Refer to page 7 for the details of the display setting. Text/Title scroll: [DISP] Scrolls the CD, audio file, and Radio text display when pressed for at least 1 second. Muting volume upon reception of phone call When there is a call, "CALL" is displayed and the audio system is paused. When the call ends, "CALL" disappears and the audio system comes back on. The audio system comes back on when [SRC] is pressed during a call. Auxiliary input Connect a portable audio device with mini-plug cable (3.5 φ).

/ · Use the mini-plug cable which is stereo type and does not have any resistance. · The auxiliary input requires the setting made in "AUX" of <Menu system> (page 6). / 4\ · To use the TEL Mute feature, you need to hook up the MUTE KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U wire to your telephone using a commercial telephone accessory. Refer to <Connecting Wires to Terminals> (page 21). USB device/iPod\*1 play: USB Terminal Connecting a USB device starts playback. / Tuner functions FM band: [FM+] Switches between FM1, FM2, and FM3 each time the [FM+] button is pressed. AM band: [AM] Switches to AM. Tuning: [4]/ [¢] Changes the frequency. · For the playable audio file, media, and devices, refer to <About Audio file> (page 17). \*1 Function of KDC-W4544U/ W4644U.

Pause and play: [6] Switches between pause and play each time this button is pressed. USB device removing: [0] Press this button for 2 seconds or longer to select the remove mode, and the remove the USB device. During the remove mode, "REMOVE" is displayed. Music search: [4]/ [¢] Changes the music when this button is pressed. Fast reverses or forwards the music while pressing.

(No sound is output while playing audio file.) Folder search: [FM+]/ [AM] Changes the folder containing the audio file. Search mode: Search After pressing this button, you can quickly search songs with the [AUD] knob. See <Music Search> (page 10) for details.



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Track/ File/ Folder repeat play: [4] Switches between Track Repeat ("TRAC REP") and OFF ("REP OFF") when pressed while playing a CD. Switches between File Repeat ("FILE REP"), Folder Repeat ("FOLD REP"), and OFF ("REP OFF") when pressed while playing an audio file. / · Use the "AUTO1"/ "AUTO2"/ "MANUAL" in <Menu system> (page 6) to change the frequency switching. · During reception of stereo stations the "ST" indicator is ON. Preset memory: [1] - [6] Memorizes the station selected when pressing for at least 2 seconds. Preset tuning: [1] - [6] Recalls the memorized station. Traffic information : [FM+] Turns ON or OFF the Traffic Information function when pressing for at least 2 seconds. When the function is turned ON, "TI" indicator is ON. If traffic bulletin starts when the function is ON, "TRAFFIC" is displayed and traffic information is received. / · If the volume is adjusted during reception of traffic information, the adjusted volume is memorized automatically. The memorized volume will be applied next time the Traffic Information function is turned ON.

/ · The folder repeat operation cannot be performed while iPod is playing. Disc & Audio file play functions Disc play: Disc slot Starts playing when a disc is inserted. When a CD is inserted, the "IN" indicator is ON. Scan play: [2] Successively plays the intro of the music in the disc or folder. When Scan Play is turned on, "TRAC SCN"/ "FILE SCN" is displayed. / / · The Scan play operation cannot be performed while iPod is playing. · 3 inch (8 cm) CD cannot be used. Attempt to insert using an adapter can cause malfunction. Disc ejection: [0] / Random play: [3] Randomly plays the music in the disc or folder. When Random Play is turned on, "DISC RDM"/ "FOLD RDM" is displayed.

· You can eject the disc for 10 minutes after switching off the engine. English \ 5 Menu System Set up the following functions. Item "CODE SET"/ "CODE CLR" "SKIP"\*1 "SYNC" "DIM" "ICON" "SWPRE" "SPRM" "NEWS" "LO.S" Setting Entry Setting overview 1 sec. Sets/Resets security code. Sets the ratio of skip performed with <Music Search for iPod>. Synchronizing the RDS station time data and this unit's clock. Adjusts the brightness of the display according to the surrounding illumination. Sets the Graphics mode of the display. Sets the preout output.

Turns ON/OFF the Supreme function. Turns ON/OFF the News Bulletin Automatic Reception function and sets the news bulletin interrupt disabled time. Only stations whose reception is good are searched in auto seek tuning. Selects the tuning mode of the radio. Condition Page 14 10 "0.5%"/ "1%"/ "5%"/ "10%"/ "OFF"/ "ON"\* "OFF"/ "ON" "OFF"/ "ON1"/ "ON2"\* "R"/ "SW" "OFF"/ "ON"\* "OFF"/ "00" "90" "OFF"/ "ON" -- 18 18 18 18 "AUTO1"/ "AUTO2"/ "AUTO1"/ "AUTO2"/ "MANUAL" "MANUAL" 2 sec. Memorizes six stations with good reception automatically. "A-MEMORY" When station reception is poor, automatically switches to the station "AF" "OFF"/ "ON"\* "REG" "ATPS" "MONO" "NAME SET" "RUS"\*2 "SCL" "AUX" "OFF" "CD READ" "DEMO" "OFF"/ "ON"\* "OFF"/ "ON"\* "OFF"/ "ON" that is broadcasting the same program over th, 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, "iPodMODE" is displayed. · If all characters cannot be displayed while playing with iPod, the file number in the list is displayed. Information Music title Folder name File name Display "TITLE\*\*\*\*" "FLD\*\*\*\*" "FILE\*\*\*\*" Auxiliary Input Display Setting Selecting the display when changing to Auxiliary input source. 1 Select Auxiliary input source Press the [SRC] button. Select the "AUX" display. 2 Enter Menu mode Press the Search button for at least 1 second. "MENU" is displayed. 3 Select Auxiliary input display setting mode Press the [FM+] or [AM] button. Select the "NAME SET" display. 4 Enter Auxiliary input display setting mode Press the [AUD] knob for at least 1 second.

The presently selected Auxiliary input display is displayed. 5 Select the Auxiliary input display Press the [4] or [¢] button. "AUX"/ "DVD"/ "PORTABLE"/ "GAME"/ "VIDEO"/ "TV" 6 Exit Auxiliary input display setting mode Press the Search button. 8l KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U Audio Adjustments Audio Control You can adjust following Audio Control items; Adjustment Item Display Subwoofer level "SW L" Bass Boost "B.BOOST"/ "B.

B" System Q Range 15 -- +15 "1"/ "2"/ "OFF" (The indicator turns on according to the setting.) Natural/Rock/Pops/Easy/ Top 40/Jazz/Game/User setting Audio Setup You can set Sound system, such as follows; Adjustment Item Display Low Pass Filter "LPF" Volume offset "V-OFF" Range 80/120/160/Through(OFF) Hz 8 -- ±0 (AUX: 8-- +8) "NATURAL"/ "ROCK"/ "POPS"/ "EASY"/ "TOP40"/ "JAZZ"/ "GAME"/ "USER" Bass level\* "BAS L" 8 -- +8 Middle level\* "MID L" 8 -- +8 Treble level\* "TRE L" 8 -- +8 Balance "BAL" Left 15 -- Right 15 Fader "FAD" Rear 15 -- Front 15 Exit Audio Control mode (Volume control mode) \* Source tone memory: Puts the set up value in the memory per source. / · Volume offset: Sets each source's volume as a difference from the basic volume. 1 Select the source to adjust Press the [SRC] button. 2 Enter Audio Setup mode Press the [AUD] knob for at least 1 second. 3 Select the Audio Setup item to adjust Press the [AUD] knob. 4 Adjust the Audio setup item Turn the [AUD] knob. / · "USER": This appears when Bass level, Middle level, and Treble level are adjusted.



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When "USER" is selected, these levels are recalled. 5 Exit Audio Setup mode Press the [AUD] knob for at least 1 second. 1 Select the source to adjust Press the [SRC] button. 2 Enter Audio Control mode Press the [AUD] knob. Speaker Setting Fine-tuning so that the System Q value is optimal when setting the speaker type as follows; Speaker type OFF For 5 & 4 in. speaker For 6 & 6x9 in. speaker For the OEM speaker Display "SP OFF" "SP 5/4" "SP 6\*9/6" "SP OEM" 3 Select the Audio item to adjust Press the [AUD] knob.

4 Adjust the Audio item Turn the [AUD] knob. 5 Exit Audio Control mode Press any button. Press a button other than the [AUD] knob. 1 Enter Standby Press the [SRC] button. Select the "STANDBY" display. 2 Enter Speaker Setting mode Press the [AUD] knob. 3 Select the Speaker type Turn the [AUD] knob. 4 Exit Speaker Setting mode Press the [AUD] knob. English \ 9 Music disc/Audio file Operation Function of Audio file/ Internal CD source Music Search Selecting the music you want to listen to from the device or media being played now. Function of KDC-W4544U/ W4644U Function of iPod Music Search for iPod Search for the song (in iPod) you want to play.

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

2 Search for music Operation type Movement between items Skip Search \*1 Selection of item Return to previous item Return to Top menu Search by initial Operation Turn the [AUD] knob. Press the [4] or [¢] button. Press the [AUD] knob. Press the [FM+] button. Press the [FM+] button for at least 1 second. Press the Search button for at least 1 second. 2 Search for music Audio file Operation type Movement between folders/files Selection of folder/file Return to previous folder Return to root folder Operation Turn the [AUD] knob, or press the [FM+]/ [AM] button. Press the [AUD] knob or [¢] button. Press the [4] button. Press the [4] button for at least 1 second. (ON) : Indicates that a folder exists above the currently selected folder. (OFF) : Indicates that no folder exists above the currently selected folder. (ON) : Indicates that a folder exists under the currently selected folder. (OFF) : Indicates that the currently displayed folder is not followed by a folder or file. (Blinking) : Indicates that your selection is a file.

The position of the currently displayed item is indicated by the icon bar in eight steps. Cancelling the Music Search mode Press the Search button. Searching for Music by Initial You can select an alphabetic character from the list in the browse item (artist, album, etc.) selected now. Internal CD source Operation type Operation Movement between track Turn the [AUD] knob, or press the [FM+]/ [AM] button. Selection of folder/file Press the [AUD] knob. Return to first track Press the [4] button for at least 1 second. 1 Enter alphabet search mode Press the Search button for at least 1 second. "A B C ..

." is displayed. · If you can not search for a song by an alphabetic character in the browse item selected now, the data on the screen does not change. 2 Select the initial to be searched for Operation type Move to the next character. Move to the next row.

Cancelling the alphabet search mode Operation Turn the [AUD] knob, or press the [4]/ [¢] button. Press the [FM+] or [AM] button. Press the Search button. Cancelling the Music Search mode Press the Search button. / · Music Search cannot be performed during Random play or scan play.

3 Determine the selected initial Press the [AUD] knob. Start search. When search is completed, the music search mode is selected again at the selected character position. / · \*1 Skip Search: The number of songs to be skipped is determined by the ratio of the total number of songs 10 \ KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U · · · · in the list which is selected now. Set the ratio with "SKIP" in <Menu System> (page 6). Keep pressing this button for 3 seconds or longer skips songs at 10% irrespective of the setting. The time of search by alphabet may become long depending on the number of songs in iPod or the folder structure. When selecting an initial in the alphabet search mode, entering "\*" searches symbols and entering "1" searches digits. 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. Characters that are included in a song name but cannot be displayed are left blank.

If no character included in a song name cannot be displayed, the browse item name and digits are displayed. Function of KDC-W4544U/ W4644U Function of iPod iPod Control by Hand Mode Allows 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 ("MODE 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 "iPodMODE". · The following iPods cannot be controlled using this unit. iPod nano (1st generation), and iPod with video. · iPod can be operated when it conforms to the iPod control function.

Items Playlists Artists Albums Music title or file name Display "PLIST\*\*\*\*" "ART\*\*\*\*" "ALB\*\*\*\*" "PRGM\*\*\*\*" Items Podcast Genre Composer Display "PDCT\*\*\*\*" "GEN\*\*\*\*" "COM\*\*\*\*" Accessory of KDC-W4644U Function of remote control Function of KDC-W4544U/ W4644U Function of iPod Direct Music Search Searches the music by entering the track number. All Random All songs in iPod are played at random. Press the [3] button for at least 3 seconds. Pressing the button toggles the setting between All random play on ("ALL RDM") and off ("RDM OFF"). 1 Enter the music number Press the number buttons on the remote control.

2 Search the music Press the [4] or [¢] button. / · The time required to turn on the all random function may become longer depending on the number of songs in iPod or the folder structure. · Turning on the all random function changes the iPod browse item to "songs". This browse item will not change 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.

Cancelling Direct Music Search Press the [38] button. / · Direct Music Search cannot be performed during playing of iPod, Random play, or scan play.



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· 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 CAUIEX (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. ) : Folder Folder : Audio file Audio fi An online manual about audio files is put on the site, [www.kenwood.com/audiofile/](http://www.kenwood.com/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. For operating KCA-BT200 (Optional) For operation refer to Model-A-1 in the Instruction Manual of KCA-BT200, and the table below.

The [AUTO]/[TI] button should be replaced with [SRC] button for <Answering the Waiting Call after Terminating the Current Call>. Notation used in the KCA-BT200 Instruction Manual [38] button Control knob [AUTO]/[TI] button Control knob towards up or down Control knob towards left or right Operation [AUD] knob [AUD] knob [DISP] button [FM+] or [AM] button [4] or [e] button / · In this manual, the word "USB device" is used for flash memories and digital audio players which have USB terminals. · The word "iPod" appearing in this manual indicates the iPod connected with the iPod connection cable\* (optional accessory). \* Not supported model KCA-iP500. Refer to the web site for connectable iPod and iPod connection cable. [www.kenwood.com/ipod/kca\\_ip/](http://www.kenwood.com/ipod/kca_ip/) English \ 17 Appendix For operating KCA-BT100 (Optional) To control KCA-BT100, operate as follows; To make setting for <Selecting the Dialing Mode>, select <Menu system> (page 6). Pressing the [AUD] knob for at least 1 second after selecting the "D.MODE" item allows you to enter the dialing method selection mode.

To exit from dialing method selection mode, press Search button. To make <Disconnecting a Call>, <Clearing the Disconnection Message>, and <Rejecting an Incoming call>, press [DISP] button for at least 1 second. Moreover, some displays are different from the description of KCA-BT100 Instruction Manual.

Displays of KCA-BT100 Instruction Manual "DISCONCT" "CONNECT" "PHN-DEL" "P-STATUS" "BT-CON Y" "BT-CON N" Actual displays on this unit "HF D-CON" "HF CON" "DVC-DEL" "D-STATUS" "HF-CON Y" "HF-CON N" Menu Glossary · ICON Sets the Graphics mode of the display during normal playback condition. ON1: Turns on. ON2: Displays an animation. OFF: Turns off. · SWPRE (Switching Preout) Switches the preout between rear output ("R") and subwoofer output ("SW"). · SPRM (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. · NEWS (News Bulletin with Timeout Setting) 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, "TRAFFIC" 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. · AUTO1, AUTO2, MANUAL (Tuning mode select) Select a tuning mode of the radio. Tuning mode Auto seek Preset station seek Manual Display "AUTO1" "AUTO2" Operation Automatic search for a station.

Search in order of the stations in the Preset memory. "MANUAL" Normal manual tuning control. · AF (Alternative Frequency) When the reception is poor, automatically alternate to another frequency broadcasting the same program in the same RDS network with better reception. 18 \ KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U · RUS (Russian language setting) When this is set to ON, the following character strings are displayed in Russian: Folder name/ File name/ Song title/ Artist name/ Album name/ KCA-BT200/BT100 (optional accessory) 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. · 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 switched to AUX source. Turn off the attenuator function when listening to output from external unit. This prevents the noise when no external unit is connected to AUX terminal. OFF: Disables the selection of AUX source. Set to OFF when not using the AUX terminal. · OFF (Power OFF Timer) 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. 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. · CD READ Sets the method for reading CD. When unable to play special format CD, set this function to "2" to force playing. Note that some music CD may be unplayable even when set to "2".



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In addition, audio files cannot be played when set to "2". Normally, keep this set to "1". 1 : Automatically distinguishes between audio file disc and music CD when playing disc. 2 : Forces playing as music CD. The marking of products using lasers (Except for some areas) CLASS 1 LASER PRODUCT The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1.

It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit. Declaration of Conformity with regard to the EMC Directive 2004/108/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 English \ 19 Accessories/ Installation Procedure Accessories · 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. 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. · · · · About CD players/disc changers connected to this unit If the CD player/ disc changer has the "O-N" switch, set it to the "N" position. The functions you can use and the information that can be displayed may differ depending on the models being connected. ✕ · 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 20 \ KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U Connecting Wires to Terminals USB connector AUX input (Stereo) Use the mini-plug cable which is stereo type and does not have any resistance. Front side FM/AM antenna input (JASO) Rear output/ Sub Woofer output Fuse (10A) / To Kenwood disc changer/ External optional accessory (KDC-W4544U/ W4644U only) To connect these leads, refer to the relevant instruction manuals. Wiring harness (Accessory1) TEL mute wire (Brown) MUTE / Connect to the terminal that is grounded when either the telephone rings or during conversation.

To connect the Kenwood navigation system, consult your navigation manual. If no connections are made, do not let the wire come out from the tab. 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. A7 Pin (Red) A4 Pin (Yellow) 8 7 8 7 6 5 6 5 4 3 4 3 2 1 2 1 Connector A Connector B English \ 21 Connecting Wires to Terminals Connector Function Guide Pin Numbers for ISO Connectors External Power Connector A-4 A-5 A-7 A-8 Speaker Connector B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 Cable Colour Functions Yellow Blue/White Red Black Battery Power Control Ignition (ACC) Earth (Ground) Connection Purple Purple/Black Gray Gray/Black White White/Black Green Green/Black Rear Right (+) Rear Right (-) Front Right (+) Front Right (-) Front Left (+) Front Left (-) Rear Left (+) Rear Left (-) 2WARNING 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 A4 pin (yellow) is connected to the constant power supply. Ignition cable (Red) Unit Battery cable (Yellow) A-7 Pin (Red) Vehicle 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) Unit Battery cable (Yellow) A-7 Pin (Red) Vehicle A-4 Pin (Yellow) 22 \ KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U Installation/Removing the Unit Installation 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.



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Lock Bend the tabs of the mounting sleeve with a screwdriver or similar utensil and attach it in place. Catch / · Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction (for example, the sound may skip). 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 Insert the two removal tools deeply into the slots on each side, as shown. 3 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. 4 Pull the unit all the way out with your hands, being careful not to drop it.

English | 23 Troubleshooting Guide Some functions of this unit may be disabled by some settings made on this unit. @@@@ · Cannot set up the low pass filter. · No output from the subwoofer. @@ · Preout is not set to subwoofer. @@ · Cannot set up Display.

· Power OFF Timer does not function. <Demonstration mode setting> (page 15) is not turned off. General ? The Touch Sensor Tone does not sound. The preout jack is being used. The Touch Sensor Tone cannot be output from 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 loaded in a different slot from that specified. Eject the disc magazine and check the number for the specified disc. The disc is severely scratched. Try another disc instead. 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.

24 | KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U The messages shown below display your systems condition. TOC ERR: · No disc has been loaded in the disc magazine. · The CD is quite dirty. The CD is upsidewdown. The CD is scratched a lot.

The disc is unreadable. The unit is malfunctioning for some reason. Press the reset button on the unit. If the "E-77" code does not disappear, consult your nearest service center. Something is wrong with the disc magazine.

Or the unit is malfunctioning for some reason. Check the disc magazine. And then press the reset button on the unit. If the "E-99" code does not disappear, consult your nearest service center. 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. NA DVICE: · 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 17) for information on supported iPods. · The connected USB device contains no playable audio file. · Media was played that does not have data recorded that the unit can play. NO MUSIC/E-15: E-05: E-77: USB ERR: E-99: 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. 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. iPod ERR: IN (Blink): REMOVE (Blink): The Remove mode has been selected for the USB device/iPod.

You can remove the USB device/iPod safely. 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: COPY PRO: READ ERR: An Audio file is played with a format that this unit can't support.

A copy-protected file is played. 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. 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. NO DVICE: English | 25 Specifications FM tuner section Frequency range (50 kHz space) : 87.5 MHz 108.0 MHz Usable sensitivity (S/N = 26dB) : 0.7 V/75 Quieting Sensitivity (S/N = 46dB) : 1.6 V/75 Frequency response ( $\pm 3.0$  dB) : 30 Hz 15 kHz Signal to Noise ratio (MONO) : 65 dB Selectivity (DIN) ( $\pm 400$  kHz) : 80 dB Stereo separation (1 kHz) : 35 dB USB Interface USB Standard : USB1.1/2.0 (Full speed) Maximum Supply current : 500 mA 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 Audio section Maximum output power : 50 W x 4 Output power (DIN 45324, +B=14.4V) : 22 W x 4 Speaker Impedance :48 Tone action Bass : 100 Hz  $\pm 8$  dB Middle : 1 kHz  $\pm 8$  dB Treble : 10 kHz  $\pm 8$  dB Preout level / Load (CD) : 2000 mV/10 k Preout impedance : 600 MW tuner section Frequency range (9 kHz space) : 531 kHz 1611 kHz Usable sensitivity (S/N = 20dB) : 25 V LW tuner section Frequency range : 153 kHz 281 kHz Usable sensitivity (S/N = 20dB) : 45 V 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 ( $\pm 1$  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 Auxiliary input Frequency response ( $\pm 3$  dB) : 20 Hz 20 kHz Input Maximum Voltage : 1200 mV Input Impedance : 10 k General Operating voltage (11 16V allowable) : 14.4 V 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. 26 | KDC-W4544U/ KDC-W4644U/ KDC-W4044U/ KDC-W413U .



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