

KENWOOD

DVD PLAYER

KDV-S210P

INSTRUCTION MANUAL

KENWOOD CORPORATION



Take the time to read through this instruction manual. Familiarity with installation and operation procedures will help you obtain the best performance from your new DVD player.

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your KENWOOD dealer for information or service on the product.

Model KDV-S210P Serial number _____

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[DVD]: Function of during DVD playback only.
[VCD]: Function of during Video CD playback. only
[CD]: Function of during CD playback. only
[MP3]: Function of during MP3 playback only.

▲Warning

▲CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION
2967-3, ISHIKAWA-CHO,
HACHIOJI-SHI
TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT
CONFORMS TO DHHS REGULATIONS N0.21 CFR
1040. 10, CHAPTER 1, SUBCHAPTER J.

Location : Bottom Panel

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Safety precautions

▲WARNING

To prevent injury or fire, take the following precautions:

- Insert the unit all the way in until it is fully locked in place. Otherwise it may fall out of place when jolted.
- To prevent a short circuit, never put or leave any metallic objects (such as coins or metal tools) inside the unit.
- If the unit starts to emit smoke or strange smells, turn off the power immediately and consult your Kenwood dealer.
- Do not connect the unit to the front monitor. This unit is for rear seat entertainment.
- Do not use any power cable other than the accessory. This could cause fire.

▲CAUTION

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

- Make sure to ground the unit to a negative 12V DC power supply.
- Do not open the top or bottom covers of the unit.
- Do not install the unit in a spot exposed to direct sunlight or excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
- Do not use your own screws. Use only the screws provided. If you use the wrong screws, you could damage the unit.
- When replacing a fuse, only use a new one with the prescribed rating. Using a fuse with the wrong rating may cause your unit to malfunction.

NOTE

- If you experience problems during installation, consult your Kenwood dealer.
- 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 represent something impossible in actual operation.
- If the unit fails to operate properly, turn the power off and then on. If the unit still fails to operate properly after the power has been turned off and on, contact your local Kenwood dealer for assistance.

Restrictions due to difference between discs



Some DVD and VCD discs can be played only in certain playback modes according to the intentions of the software producers. As this player plays discs according to their intentions, some functions may not work as intended by you. Please be sure to read the instructions provided with each disc. When an inhibition icon is displayed on the monitor, it indicates that the disc being played is under the restriction as described above.

Lens Fogging

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

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 neutral detergent off.



- 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 erase characters.

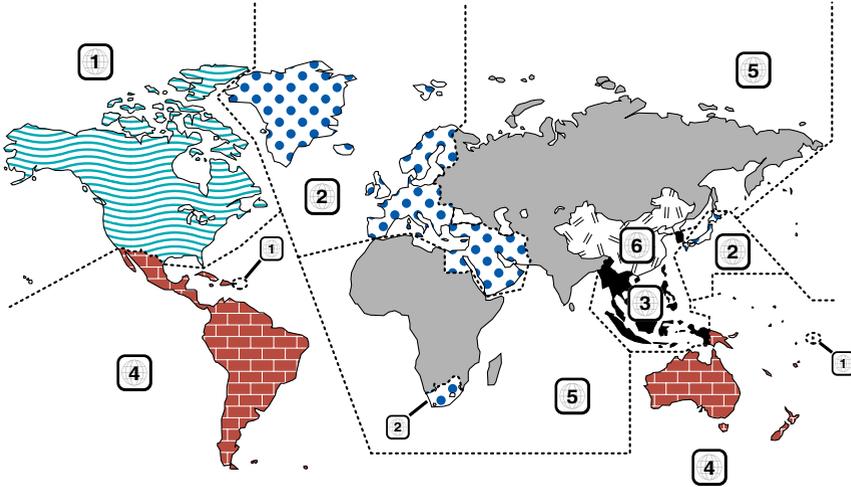
This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

NOTE

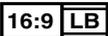
This Class B digital apparatus complies with Canadian ICES-003.

Before Use

Region codes in the world



Icons on the DVD discs

Icon	Description
	Indicates the region code where the disc can be played.
	Number of voice languages recorded with the audio function. The number in the icon indicates the number of voice languages. (Max. 8 languages)
	Number of subtitle languages recorded with the subtitle function. The number in the icon indicates the number of subtitle languages. (Max. 32 languages)
	Number of angles provided by the angle function. The number in the icon indicates the number of angles. (Max. 9 angles)
	Aspect ratios that can be selected. "LB" stands for Letter Box and "PS" for Pan/Scan. In the example on the left, the 16:9 video can be converted into letter box video.

Playable discs

- DVD-Video
- Audio Disc (CD)
- MP3 format Disc (CD)
- CD-R/RW format Disc
- Video CD Disc

Also, you cannot play back the DVD-R discs if not recorded in the DVD-Video format.

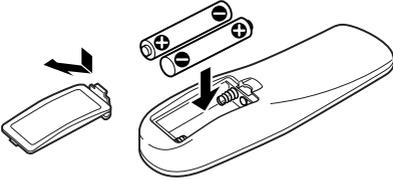
About the usable temperatures

The protective circuit in the unit activates when the temperature inside the DVD player exceeds 60°C (140°F). Refer to Trouble Shooting Guide (p 23).

About the remote

Loading the battery

1. Use two "AAA"-size batteries.
Remove the cover as illustrated.
2. Insert the batteries with the + and - poles aligned properly, following the illustration inside the case.



⚠ WARNING

- Store unused batteries out of the reach of children. Contact a doctor immediately if the battery is accidentally swallowed.
- Do not put the remote in a place where it moves when you drive. If it falls under the brake pedal, etc., it will hinder your driving, causing danger.



- Do not set the remote on hot places such as above the dashboard.



- The provided batteries are intended for use in operation checking, and their service life may be short.
- When the remote controllable distance becomes short, replace both of the batteries with new ones.

DVD is a trademark of DVD Format/Logo Licensing Corporation registered in the U.S., Japan and other countries.

Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

About discs

Handling discs

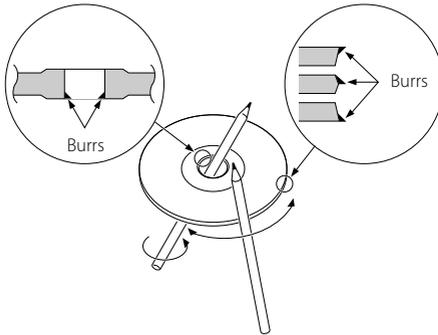
- Don't touch the recording surface of the disc.



- CD-R/RW and DVD-R are easier to damage than a normal music CD. Use a CD-R/RW or a DVD-R after reading the caution items on the package etc.
- Don't stick tape etc. on the disc. Also, don't use a disc with tape stuck on it.

When using a new disc

If the disc center hole or outside rim has burrs, use it after removing them with a ball pen etc.

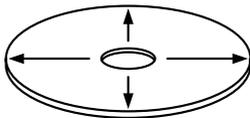


Disc accessories

Don't use disc type accessories.

Disc cleaning

Clean from the center of the disc and move outward.

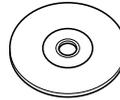


Removing discs

When removing discs from this unit pull them out horizontally.

Discs that can't be used

- Discs that aren't round can't be used.



- Discs with coloring on the recording surface or that are dirty can't be used.
- This unit can only play the CDs with



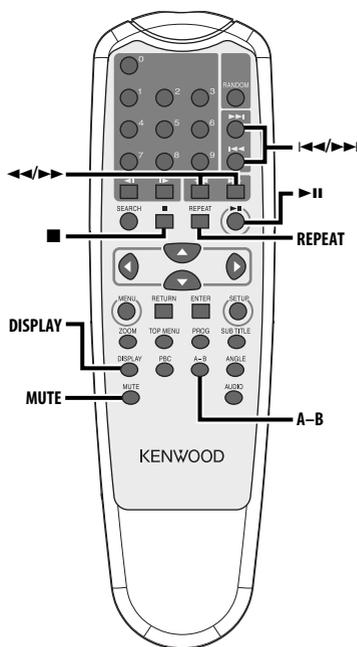
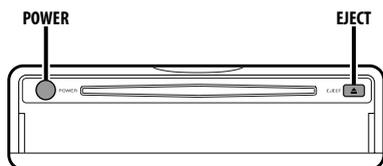
It may not correctly play discs which do not have the mark.

- A CD-R or CD-RW that hasn't been finalized can't be played. (For the finalization process refer to your CD-R/CD-RW writing software, and your CD-R/CD-RW recorder instruction manual.)

Disc storage

- Don't place them in direct sunlight (On the seat or dashboard etc.) and where the temperature is high.
- Store discs in their cases.

Basic features



Power

Press the [POWER] button.



- Unplug the cigarette lighter plug when you turn off the ignition in order to prevent the battery from running out.

Basic features

Play

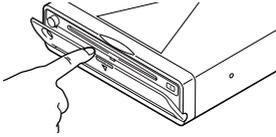
Play

Open the cover and insert a disc into the unit.

If a disc has been inserted, press the **[▶II]** button.

To play back MP3 when 'FOLDER LIST' is set to "WITH MENU", refer to 'MP3 Folder List' (page 15) to select the file you want to play back.

Starts playing the disc.



- If you insert a disc, it will start playing from the beginning of the disc.
If you turn the power off while playing a disc, turning the power back on will resume playing the disc where it stopped.

Pause

Press the **[▶II]** button.

Each time the button is pressed, it pauses or plays.

Stop

Press the **[■]** button.

To restart playback, press the **[▶II]** button.



- If you press the **[■]** button twice during DVD playback, it starts from the beginning of the disc next time you play it.

Eject

Press the **[EJECT]** button.



- If you want to restart playback with the disc ejected from the unit, press the **[EJECT]** button again. The disc is inserted into the unit, and playback is restarted.

Mute

Turning the volume down quickly.

Press the **[MUTE]** button.

Each time the button is pressed, the Mute turns ON or OFF.

Skip

Skips a chapter, select, track or song.

Press the **[◀◀]** or **[▶▶]** button.



- To skip on a VCD, turn the PBC function off by pressing the **[PBC]** button.

Fast Forward and Reverse

Press the **[◀◀]** or **[▶▶]** button.

The speed changes at 4 levels (X2, X4, X6, X8) each time the button is pressed.

To restart playback, press the **[▶II]** button.

Repeat Play

Plays a song, a chapter, a title, etc. repeatedly.

Press the **[REPEAT]** button.

Each time the button is pressed, the Repeat Play function switches as shown below.

In DVD source

Display	Setting
"CHAPTER REPEAT ON"	Plays the chapter repeatedly.
"TITLE REPEAT ON"	Plays the title repeatedly.
"REPEAT OFF"	Turns Repeat Play off.

In CD/VCD source

Display	Setting
"REP-ONE"	Plays the track repeatedly.
"REP-ALL"	Plays the disc repeatedly.
"REPEAT OFF"	Turns Repeat Play off.

In MP3 source

Display	Setting
"REP-ONE"	Plays the song repeatedly.
"FOLDER-REP"/"REP-ALL"	Plays the songs in the folder repeatedly.
"FOLDER"/"REPEAT OFF"	Turns Repeat Play off.



- To repeat play a VCD, turn the PBC function off by pressing the **[PBC]** button.

A-B Repeat Play [DVD][VCD][CD]

Specify the Start and End points to play the portion between the specified points repeatedly.

1 Specify Point A (Start point)

Press the [A-B] button.

2 Specify Point B (End point)

Press the [A-B] button.

Plays from Point A to Point B repeatedly.

Canceling A-B Repeat

Press the [A-B] button.

Switching Display

Switches the information displayed on the monitor screen.

Press the [DISPLAY] button.

Each time the button is pressed, the display switches as shown below.

In DVD source

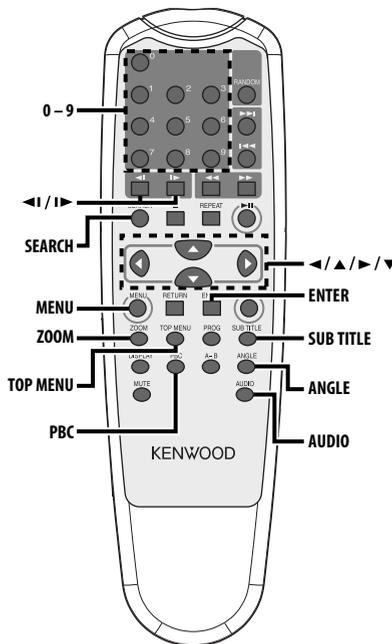
Display	Information
"TITLE CHAPTER"	Title / chapter elapsed time
"TITLE REMAIN"	Title remaining time
"CHAPTER ELAPSED"	Chapter elapsed time
"CHAPTER REMAIN"	Chapter remaining time
"OFF"	Not displayed

In VCD (with PBC on) /MP3 source

Display	Information
"SINGLE ELAPSED"	Song elapsed time
"SINGLE REMAIN"	Song remaining time
"OFF"	Not displayed

In VCD (with PBC off) /CD source

Display	Information
"SINGLE ELAPSED"	Track elapsed time
"SINGLE REMAIN"	Track remaining time
"TOTAL ELAPSED"	Disc elapsed time
"TOTAL REMAIN"	Disc remaining time
"OFF"	Not displayed



Search Play

Directly calls the scene you want to play.

- 1 Enter the Search mode**
Press the [SEARCH] button.



- To search play a VCD, turn the PBC function off by pressing the [PBC] button.

- 2 For DVD, select the Search mode**
Press the [SEARCH] button.
Each time the button is pressed, the item that can be called switches as shown below.

Item	
Chapter number	
Play time	



- If you press the [◀] or [▶] button during the Chapter Number Search mode, you can search for a title number.

- 3 Enter the scene you want to play**
Press the [0] – [9] button.

Starts playing the scene you entered during VCD playback.

- 4 For DVD, start Search Play**
Press the [ENTER] button.
Starts playing the scene you entered.

Slow Motion play

Press the [◀] or [▶] button.

Each time the button is pressed, it plays in slow motion as shown below.

Disc	Button	Movement
DVD	◀	The speed of slow reverse changes in order of 2X, 4X and 8X.
DVD	▶	The speed of slow forward changes in order of 2X, 4X and 8X.
VCD	◀	Reverses by one step.
VCD	▶	The speed of slow forward changes in order of 1X, 2X and 3X.



- To return to the normal speed, press the [▶||] button.

DVD menu/Top (title) menu [DVD]

Calls the DVD menu and the Top (title) menu to set up various settings.

1 Display the DVD menu

Press the [MENU] button.

Display the Top (title) menu

Press the [TOP MENU] button.

2 Select the item

Press the [◀]/[▲]/[▶]/[▼] or [0] – [9] button.

3 Finalize the item

Press the [▶II] button.

Refer to the disc manual for instructions on using each menu.

4 Cancel the menu display

Press the [MENU] or [TOP MENU] button.

Audio Language select [DVD]

Press the [AUDIO] button.

Switches the languages recorded on the disc in order.



- If no more than one language is recorded on the disc, it does not switch.

Subtitle Language select [DVD]

Press the [SUB TITLE] button.

Switches the languages recorded on the disc in order.



- If no more than one language is recorded on the disc, it does not switch.

Picture Angle select [DVD]

Press the [ANGLE] button.

Switches the angles recorded on the disc in order.



- If no more than one angle is recorded on the disc, it does not switch.

Zoom [DVD]

Zooms the image.

1 Select the zoom ratio

Press the [ZOOM] button.

Each time the button is pressed, the zoom ratio changes at 3 levels (X1.5, X2, X3).

2 Select the displaying position

Press the [◀]/[▲]/[▶]/[▼] button.

PBC [VCD]

Uses the playback control (PBC) function.

1 Turn the PBC function on

Press the [PBC] button.

Each time the button is pressed, the PBC function turns ON or OFF.

2 Select the item

Press the [0] – [9] button.

3 Finalize the item

Press the [▶II] button.

Refer to the disc manual for instructions on using PBC.



- You can use the PBC function when playing a VCD of Ver2.0 or higher.

Digest Screen [DVD]

Displays the chapters of a title to call the scene you want to see.

1 Enter Title Information

Press the [PBC] button.



2 Select Title

Press the [◀] or [▶] button.



- Press the [◀◀] or [▶▶] button to change 10 titles at a time.
- Press the [◀◀◀] or [▶▶▶] button to switch to the first or last title.

3 Play Title

Press the [ENTER] button.

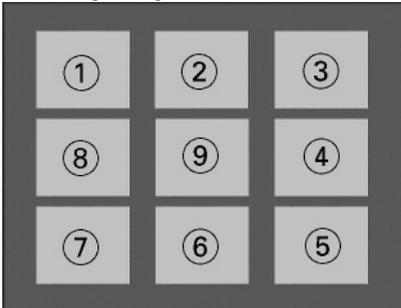
Selecting Scene

4 Stop play

Press the [■] button.

5 Display Digest Screen

Press the [MENU] button.



- Press the [■] button to return to the previous screen.

6 Play the scene you want to see

Press the [1] - [9] button.

Press the [1] - [9] button corresponding to the number displayed on the Digest screen.



- Press the [◀◀] or [▶▶] button to go to the previous or next page.

7 Play the scene you selected

Press the [ENTER] button.



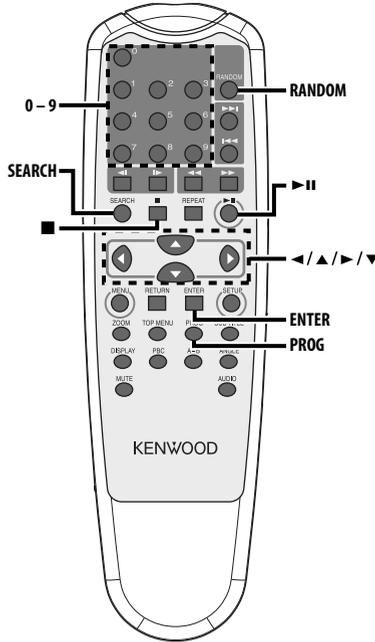
- Press the [■] button to return to the previous screen.

Canceling Digest Screen

Press the [PBC] button.



- Some titles or chapters may not be displayed. In this case, the previous screen will be displayed.



MP3 Folder List [MP3]

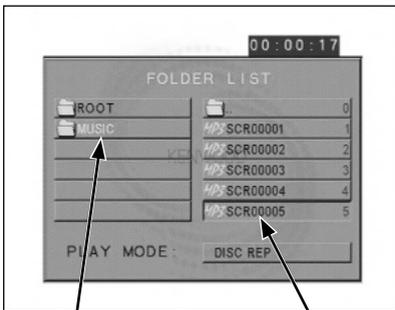
Select the folder or file you want to play back.

1 Stop playback

Press the [■] button.

2 Move the cursor to the Folder List

Press the [◀]/[▶] button.



Folder List

File List

3 Select the folder

Press the [▲]/[▼] button.

4 Finalize your selection

Press the [ENTER] button.

5 Select the file

Press the [▲]/[▼] button.



- Press the [◀] or [▶] button to scroll the list up or down.

6 Play back the selected file

Press the [ENTER] button.

Program Play

Plays the selected songs only in order.

1 Stop playback

Press the [■] button.

2 Enter the Program mode

Press the [PROG] button.

Switches "PLAY MODE" displayed at the bottom of the screen to "PROGRAM PO" during MP3 playback.

3 Select the song you want to play

Press the [◀]/[▲]/[▶]/[▼] (during MP3 playback only) or [0] – [9] button.

Specifies the file containing the song you want to play.

4 Finalize the song you want to play

Press the [ENTER] button.

The song selected in Step 3 is registered as Program number 1.

5 Repeat Steps 3 and 4 to register all the songs you want to program play.

For MP3, if you have finished programming, press the [■] button to exit the Program mode.

6 Start Program Play

Press the [▶II] button.

Plays the registered songs in order.

Canceling Program Play for CD

Press the [■], [PROG] and [ENTER] buttons in order.

Canceling Program Play for MP3

Press the [■] and [PROG] buttons in order.

Direct Skip Play

Directly calls the song you want to play.

1 Enter the Track, File, or Folder number you want to play

Press the [0] – [9] button.

2 Play

Press the [ENTER] button.



- If you do not perform the operation of Step 2 for about 5 seconds, the song entered in Step 1 is automatically searched for.

Play Time Search [CD]

Enter the play time to start from where you want.

1 Enter the Play Time Search mode

Press the [SEARCH] button.

2 Enter the play time where you want to start

Press the [0] – [9] button.

For example

5:07 ⇔ [0], [5], [0], [7]

Starts playing from the time you entered.

MP3 Play Mode [MP3]

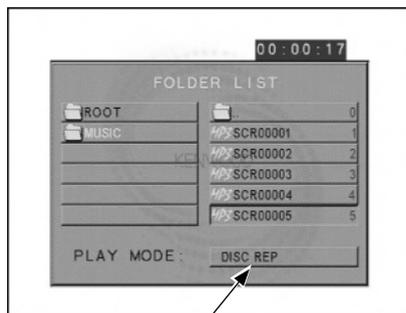
Select the play method.

1 Stop playback

Press the [■] button.

2 Highlight the Play mode button

Press the [◀]/[▶] button.



Play mode button

3 Select the play method

Press the [▲]/[▼] button.

You can select the play method as shown below.

Display	Setting
"SINGLE"	Stops after playing one song.
"REP-ONE"	Plays one song repeatedly.
"FOLDER"	Stops after playing the songs in the folder.
"FOLDER REP"	Plays the songs in the folder repeatedly.
"DISC SCAN"	Plays approximately the first 10 seconds of each song on the disc.
"DISC"	Stops after playing the songs on the disc.
"DISC REP"	Plays the songs on the disc repeatedly.
"RANDOM"	Plays the songs in the folder in random order.
"SHUFFLE ON"	Stops after playing the songs in the folder in random order.

4 Select the song(s)

Press the [◀]/[▲]/[▶]/[▼] button.

Select the file or folder you want to play.

5 Play

Press the [ENTER] button.

Plays the song(s) in the selected play method.

Random Play

Songs are chosen from those recorded on the disc opened at random and are played.

1 Stop playback

Press the [■] button.

2 Select the Random Play mode

Press the [RANDOM] button.

Each time the button is pressed, the Random Play mode switches as shown below.

In CD source

Display	Setting
"RANDOM ON"	Plays the songs on the CD in random order.
"RANDOM OFF"	Turns Random Play off.

In MP3 source

Display	Setting
"RANDOM"	Plays the songs in the folder in random order.
"SHUFFLE ON"	Stops after playing the songs in the folder in random order.
"FOLDER"	Turns Random Play off.

3 For MP3, select the folder

Press the [◀]/[▲]/[▶]/[▼] button.

Place the cursor to any file in the folder you want to random play.

4 Start Random Play

Press the [▶||] button.



... for various
... setup menu.

... press the button twice.
... return the PBC function off
... button first.

UP MENU screen
... [UP] button.
... is displayed on the monitor screen

the menu page you want to set up
... [◀]/[▲]/[▶]/[▼] button.

the selected menu page
... [ENTER] button.
... the menu page selected in step 3 is displayed.

Select the setup item and the option
Press the [◀]/[▲]/[▶]/[▼] button.
Refer to the subsequent descriptions for the
... items and options on each menu.

6 Finalize your selection
Press the [ENTER] button.

7 Exit the setup menu
Press the [◀]/[▲]/[▶]/[▼] and [ENTER]
... buttons.
... select and execute "MAIN PAGE" and "EXIT
... SETUP" in order.

General Setup

TV DISPLAY

Use the procedure described below to set the output screen.

Display	Setting
"NORMAL/PS"	Wide-screen software with pan & scan specification is played in a panned & scanned screen (with the left and right sides cut off).
"NORMAL/LB"	Wide-screen software with pan & scan specification is played in a letter box screen (with black stripes on the top and bottom).
"WIDE"	Set the picture mode of the wide-screen monitor to "FULL"

PIC (Picture) MODE

Select a DVD image mode.

Display	Setting
"AUTO"	The image is switched automatically depending on the original image.
"HI-RES"	The original image recorded on the DVD is the Video mode.
"N-FLICKER"	The original image recorded on the DVD is the Movie Picture mode.

ANGLE MARK

When multiple image angles are recorded on a DVD, they are shown by the mark during playback.

Display	Setting
"ON"	Displays the Angle mark.
"OFF"	Does not display the Angle mark.

OSD LANG (On Screen Display Language)

Use it in "ENGLISH" as it is.

CAPTIONS

When a disc having the Closed Captions information is played back, this information can be output.

Display	Setting
"ON"	Outputs the Closed Captions signal.
"OFF"	Does not output the Closed Captions signal.

SCR (Screen) SAVER

To prevent the screen burn-out, you can start the screen saver automatically when the on-screen image does not change for a certain time period.

Display	Setting
"ON"	Starts the screen saver automatically.
"OFF"	Does not use the screen saver.

Speaker Setup

DOWNMIX

Set the mixed sound output to the 2-channel stereo port.

Display	Setting
"LT/RT"	Outputs the sound mixed to the Dolby Surround audio.
"STEREO"	Outputs the sound mixed to the stereo sound.

Audio setup

AUDIO OUT

Display	Setting
"ANALOG"	Outputs an analog sound. (No digital signal is output.)
"SPDIF/RAW"	Outputs a 5.1ch S/PDIF Bitstream digital sound. (No analog signal is output.)
"SPDIF/PCM"	Outputs a 2ch S/PDIF PCM digital sound. (No analog signal is output.)

OP MODE

Display	Setting
"LINE MODE"	Outputs a Normal LINE sound.
"RF MODE"	Narrows down the dynamic range of an audio signal to output via the RF modulator.

DUAL MODE

Set the sound which will be output when playing DVD recorded by Dual Mono (1+1) of Dolby Digital.

Display	Setting
"STEREO"	Stereo (L / R)
"L-MONO"	Monaural Left (L / L)
"R-MONO"	Monaural Right (R / R)
"MIX-MONO"	Mixed Left and Right (L+R / L+R)

DYNAMIC

Sets the dynamic range of playback sound recorded on a Dolby Digital system DVD.

Display	Setting
"FULL"	For more powerful sound at regular volumes
"7/8"	
"6/8" / "3/4"	
"5/8"	Large
"4/8" / "1/2"	↑
"3/8"	Compression rate
"2/8" / "1/4"	↓
"1/8"	Small
"OFF"	For the regular sound

LPCM OUTPUT

Display	Setting
"LPCM 48k"	Outputs a song of 96kfs in 48kfs from DIGITAL OUT.
"LPCM 96k"	Outputs a song of 96kfs in 96kfs from DIGITAL OUT.

Setup menu

Preferences

TV TYPE

A TV type can be set according to the TV color display mode.

Display	Setting
"MULTI"	The color signal output is switched automatically according to the recording system of the current disc.
"NTSC"	The color signals are output in the standard NTSC system.
"PAL"	The color signals are output in the standard PAL system.

AUDIO

Set the audio language produced from the speakers.

Display	Setting
"ENGLISH"	English
"FRENCH"	French
"SPANISH"	Spanish
"CHINESE"	Chinese
"JAPANESE"	Japanese

SUB TITLE

Set the language of the subtitles displayed on the screen.

Display	Setting
"ENGLISH"	English
"FRENCH"	French
"SPANISH"	Spanish
"CHINESE"	Chinese
"JAPANESE"	Japanese
"OFF"	No subtitle is displayed

DISC MENU

Set the language of the disc menu.

Display	Setting
"ENGLISH"	English
"FRENCH"	French
"SPANISH"	Spanish
"CHINESE"	Chinese
"JAPANESE"	Japanese

PARENTAL

Set the parental level. The higher the level is, the higher protection you get.

Display	Setting
"1 G"	G-rated movies (for children) can only be played.
"2"	
"3 PG"	
"4 PG 13"	
"5"	
"6 PG-R"	
"7 NC-17"	
"8 ADULT"	
"NO_PARENTAL"	Cancels the parental protection.

- 1 Press the [Enter] button on the remote.
- 2 Set up the parental level.
- 3 Enter the password.
- 4 Press the [Enter] button on the remote.



- The password is set to "0000" by default.
- The parental setting is enabled for "R" sign discs only.

PASSWORD

CHANGE: Change the password.

- 1 Select "CHANGE" and press the [Enter] button on the remote.
- 2 Enter the current password.
- 3 Enter the new password twice.
- 4 Press the [Enter] button on the remote.



- The password is set to "0000" by default.

DEFAULTS

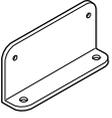
RESET: Resets the customized items on the Setup menu.

FOLDER LIST

Set to display the directory on the monitor screen when MP3 is played back.

Display	Setting
"NO MENU"	The directory is not displayed.
"WITH MENU"	The directory is displayed.

Accessories

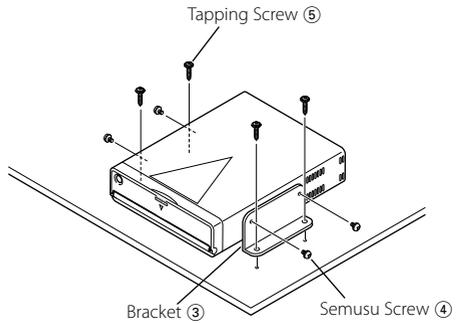
①	1
②	1
③	2
④	5
⑤	4
⑥	2
⑦	1



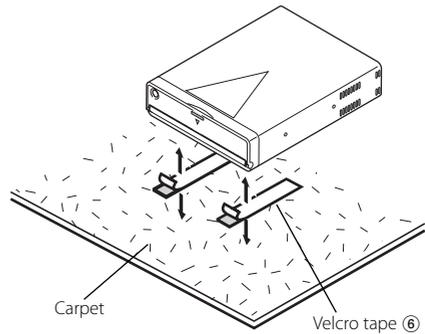
- If the fuse blows, first make sure that the wires have not caused a short circuit, then replace the old fuse with one with the same rating.

Installation

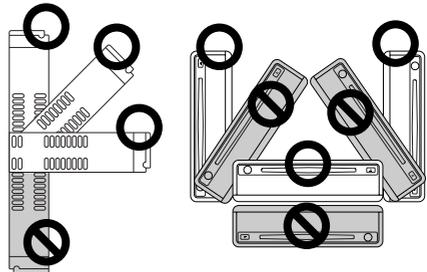
Installation using the Brackets



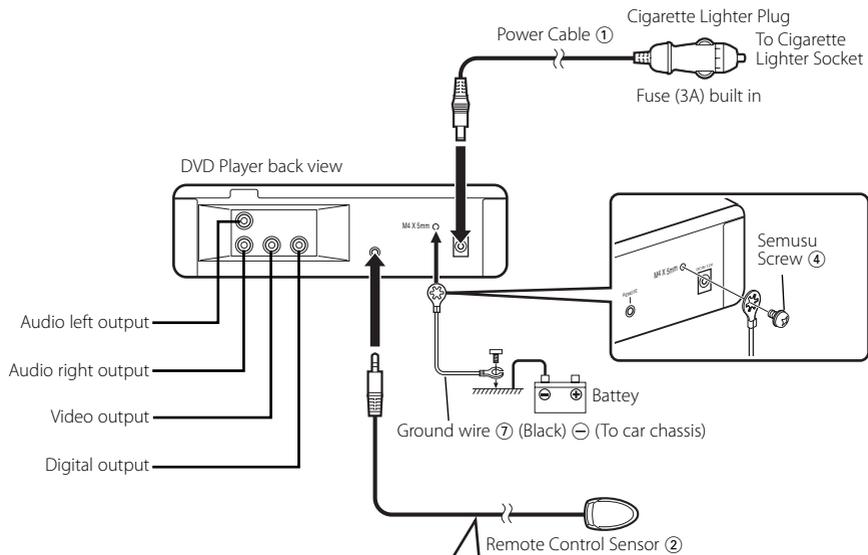
Installation using the velcro tapes



- Do not use your own screws. Use only the screws provided. If you use the wrong screws, you could damage the unit.
- Do not install the unit to an untable place and a place where it vibrates.
- You can mount the unit at any angle between the regular horizontal position and the vertical position on its back (0° through 90°). You cannot mount the unit with the disc slot facing downwards, angled or upside down.



Connecting Wires to Terminals

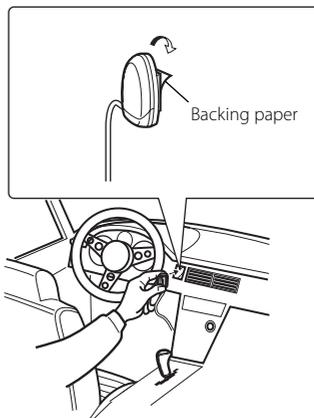


Attaching Remote Control Sensor

- 1 Remove the backing paper from the Velcro tape on the back of the Remote Control Sensor.
- 2 After wiping off the dirt or oil from the attachment location, attach the Remote Control Sensor.



- Wipe off the dirt or oil from the surface to which the Sensor is attached.
- Avoid locations under direct sunlight or near the TV monitor where signals from the remote controller are not received easily.



Troubleshooting Guide

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

? No sound can be heard, or the volume is low.

- ✓ Mute is turned on.
- ☞ Turn off Mute.

? The sound/picture skips on a DVD/VCD/CD.

- ✓ The disc is scratched or dirty.
- ☞ Clean the disc, referring to the section on "Disc cleaning" (see page 8).

? A VCD cannot be played using menus.

- ✓ The VCD disc being played is not compatible with P.B.C.
- ☞ Menu playback is available only with VCD discs recorded with P.B.C.

? The subtitle is not displayed.

- ✓ The DVD disc being played does not contain the recording of subtitles.
- ☞ The subtitle cannot be displayed when the DVD disc being played does not contain the recording of subtitles.

? The voice (or subtitle) language cannot be changed.

- ✓ The DVD disc being played does not contain the recording of more than one audio (or subtitle) language.
- ☞ The voice (or subtitle) language cannot be changed when the DVD disc being played does not contain the recording of more than one voice (or subtitle) language.

? The specified disc does not play, but another one plays instead.

- ✓ The specified disc is quite dirty.
- ☞ Clean the disc.
- ✓ The disc is upside-down.
- ☞ Load the disc with the labeled side up.
- ✓ The disc is severely scratched.
- ☞ Try another disc instead.

? Cannot perform operations for MP3 Folder List, MP3 Play Mode, Program Play or Random Play during MP3 playback.

- ✓ 'FOLDER LIST' is set to "NO MENU" on the Setup menu.
- ☞ Set 'FOLDER LIST' to "WITH MENU" (see page20).

The messages shown below display your systems condition.

"THERMAL PROTECTION PLEASE SHUT OFF POWER"

: The protective circuit in the unit activates when the temperature inside the DVD player exceeds 60°C (140°F), stopping all operation.

- ☞ Cool down the unit by opening the windows or turning on the air conditioner. As the temperature falls below 60°C (140°F), the disc will start playing again.
- To eject the disc in this situation, turn the power off and then turn it back on.

"NO DISC"

: No disc is inserted in the unit.

"WRONG REGION"

: A DVD with the wrong region code was inserted into the unit.

"DISC ERROR"

: A disc that cannot be played in the unit was inserted.

"INVALID ENTRY"

: The disc inserted contains damaged or non-standard data.

"PASSWORD INCORRECT"

: The password entered does not match the one registered.

"NEW PASSWORD NOT CONFIRMED"

: Appears if the second new password entered does not match the first one when changing the password.

- ☞ When you enter the new password, you are required to enter the same password twice for confirmation purposes.

Specifications

Specifications subject to change without notice.

DVD section

- D/A Converter
 - : 8Level $\Delta\Sigma$, 24bit
- Wow & Flutter
 - : Below Measurable Limit
- Frequency response
 - : 17- 44 kHz (DVD)96kHz Sampling)
- Total harmonic distortion 1kHz
 - : 0.02 %
- Signal to noise ratio
 - : 106 dB
- Dynamic range
 - : 90 dB
- MP3 Decode
 - : Compliant with MPEG-1/2 Audio Layer-3
- DISC Format
 - : DVD-VIDEO/ VIDEO-CD/ CD-DA/ MP3

Output

- Composite Video Output Level (V)
 - : 1V p-p (75 Ω)
- Audio 2ch Output Level (V)
 - : 1.2 V/ 10 k Ω (DVD/CD)
- Coaxial Digital Audio Interface Output Level (V)
 - : 0.5 V/ 75 Ω

General

- Operating voltage
 - : 14.4 V (11 – 16 V)
- Current consumption
 - : 2 A
- Dimensions WxHxD
 - : 194 mm x 54 mm x 245 mm
- Weight
 - : 1.85 kg