

**Pioneer** *sound.vision.soul*

**Hardware Manual**

***ENGLISH***

DVD Navigation Unit

**AVIC-900DVD**  
**AVIC-800DVD**

<CRB1887-A> 3

## Introduction

### How To Read This Manual

This manual mainly describes hardware-related information such as the part names of the Navigation System or precautions for use. Please read this manual before using your Navigation System. The following issues are described in each chapter:

### How to use this manual

#### Introduction

This chapter describes precautions for the use of the Navigation System.

## 1 How to Use Remote Control and Names of Parts

This section describes the functions of the Steering Remote Control used to operate the Navigation System. In addition, this chapter describes matters that are important to know before using the Navigation System, such as the names of each part, inserting/ejecting discs, or how to set a PC card.

## 2 Using Built-in DVD Player (AVIC-900DVD only)

This chapter describes how to set DVD Video or CD and play with this Navigation System. (This function is for AVIC-900DVD only. This is not available for AVIC-800DVD.)

#### Appendix

In this chapter, how to handle the Navigation System or discs, specifications of the Navigation System and how to reset the system are described.

### Terminology

Before moving on, take a few minutes to read the following information about the conventions used in this manual. Familiarity with these conventions will help you greatly as you learn how to use your new equipment.

- Buttons on your Remote Control or display are referred to as:  
Ex.) **NAVI** button, **NAVI MENU** button.
- Items in various menus or touch keys displayed on the screen are referred to like this:  
Ex.) "**Destination**", "**Settings**".
- Extra information, alternative use and other notes are presented like this:  
Ex.)  
 PC card can be set or removed regardless of the power ON/OFF of the main unit (ON/OFF of the engine).
- The references are indicated like this:  
Ex.)  
➤ "Resetting the System" → Page 28

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## Important Safety Information

Before using your Navigation System, be sure to read and fully understand the following safety information:

- Read the manual before operating this Navigation System.
- This Navigation System is intended solely as an aid to you in the operation of your vehicle. It is not a substitute for your attentiveness, judgement, and care when driving.
- Do not operate this Navigation System if doing so in any way will divert your attention from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations.
- Never allow others to use the system unless they have read and understood the operating instructions.
- Never use this Navigation System to route to hospitals, police stations, or similar facilities in an emergency. The map data may not include a comprehensive list of emergency service facilities.
- Route and guidance information displayed by this equipment is for reference purposes only. It may not accurately reflect the latest permissible routes, road conditions, or traffic restrictions.
- Traffic restrictions and advisories currently in force should always take precedence over guidance given by this product. Always obey current traffic restrictions, even if this product provides contrary advice.
- Failure to input correct information about the local time may result in the product providing improper routing and guidance instructions.
- Never set the volume of your Navigation System so high that you cannot hear outside traffic and emergency vehicles.
- To promote safety, certain functions are disabled unless the handbrake is on.
- The data encoded in the disc for this product is the intellectual property of the provider, and the provider is responsible for such content.
- As with any accessory in your vehicle's interior, you should not allow this Navigation System to divert your attention from the safe operation of your vehicle. If you experience difficulty in operating the system or reading the display, please make adjustments while safely parked.

## Notes Before Using the System

### Precaution

- This product complies with the EMC Directives (89/336/EEC, 92/31/EEC) and CE Marking Directive (93/68/EEC).

- This product does not work correctly in the areas other than Europe.
- Pay close attention to all warnings in this manual and keep this manual handy for future reference.
- Should this product fail to operate properly, contact your dealer or the nearest authorised Pioneer service facility.

### CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.

Refer all servicing to qualified personnel.

The following caution label appears on your unit.

Location: on the bottom of the unit



En

### On the top of the unit.

<b>CAUTION</b>	: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.
<b>VORSICHT</b>	: SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETZEN!
<b>ADVARSEL</b>	: SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING : UNGÅ UDSÆTTELSE FOR STRÅLING.
<b>VARNING</b>	: SYNLIG OCH OSYNLIG LASERSTRÅLING NÄR DENNA DEL ÄR ÖPPNAD BETRÄKTA EJ STRÅLEN.
<b>VARO!</b>	: AVATTAESSA ALTISTUT NÄKYVÄ JA NÄKYMÄTTÖMÄLLE LASERSATEIL YLLE. ÄLÄ KATSO SÄTEESÄN.

VRV1690

- The Pioneer CarStereo-Pass is for use only in Germany.
- Protect this product from moisture.

### Handbrake interlock

Certain functions offered by this Navigation System could be dangerous if used while driving. To prevent them being used while in motion, there is an interlock with your vehicle's handbrake. If you attempt to use these functions during driving, it may be inoperable. If so, stop in a safe place, apply the handbrake, then operate.

### Colour difference of the map display between day and night



Night display (Ex. touch panel display)

The examples in this manual are illustrated using the daytime display. When driving at night, the colours you see may differ from those shown. To use this function, the Orange/white lead to this unit must be connected correctly.

☞ Day/Night Display → Operation Manual

### Avoiding low battery

When using this unit, make sure to start your engine first. Using this unit without starting the engine will run down the battery.

### About voice guidance (AVH-P7500DVD, AVH-P6500DVD)

There may be no voice guidance depending on a combined display unit. In that case, an external speaker (commercially available) must be connected to the SP-OUT jack (3.5 ø MINI JACK, 1 W max [8 Ω]) on this unit's back.

### About the main unit battery

The main unit of your Navigation System has a lithium battery for memory backup. Please dispose of the battery properly by following the instructions below.

#### ⚠ WARNING

- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.

#### ⚠ Caution

- Do not recharge, disassemble, heat or dispose of the battery in fire.
- Use a CR2450 (3V) lithium battery only. Never use other types of battery with this unit.
- Do not handle the battery with metallic tools.
- Do not store the lithium battery with metallic materials.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.
- Always check carefully that you are loading the battery with its (+) and (-) poles facing in the proper directions.

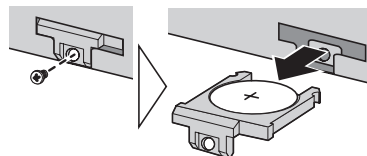
### How to remove the battery

#### PRECAUTION:

- Remove the battery from the main unit using a non-metallic tapered instrument.

**1** Using a screwdriver, remove the screw at the side of the main unit.

**2** Using a pointed tool, pull out the tray on which the battery is set, and remove the battery.



## Chapter 1

# How to Use Remote Control and Names of Parts

## Chapter 1

### How to Use Remote Control and Names of Parts

### Preparing the Remote Control

Some navigation operations can be performed with the Steering Remote Control provided. In the case of the AVIC-900DVD, the supplied DVD remote control can be used to watch DVD videos and listen to CDs.

- ☞ For instructions on using the DVD remote control → Page 10

Prior to using the remote control, refer to the following to install the battery.

If you are not combining with a touch panel display, you will need a separately sold remote control (CD-R11) to perform all navigation operations.

- ☞ For information on operating with the CD-R11 → "Operation Manual (For remote controlled types)" and the CD-R11 "Owner's manual".

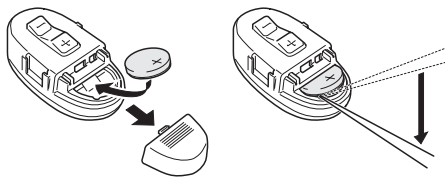
### Inserting the battery for the Remote Control

The following batteries are used with the various remote controls.

Steering Remote : CR2032 (3V)  
DVD Remote : CR2025 (3V)

#### Steering Remote

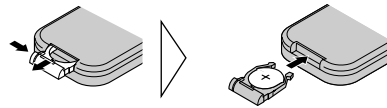
Remove the cover on the back of the remote control and insert the lithium battery with the positive side (+) up. When changing the battery, use a probe with a fine non-metallic tip to remove the lithium battery.



#### DVD Remote

Slide out the battery holder on the back of the DVD remote control and insert the battery with the (+) and (-) poles pointing in the proper directions.

When using for the first time, pull out the film protruding from the battery holder.



#### Warning

- **Keep the lithium battery out of reach of children. Should the battery be swallowed, immediately consult a doctor.**

#### Caution

- **Do not recharge, disassemble, heat or dispose of the battery in fire.**
- **For Steering Remote:**  
**Use a CR2032 (3V) lithium battery only. Never use other types of battery with this unit.**
- **For DVD Remote:**  
**Use a CR2025 (3V) lithium battery only. Never use other types of battery with this unit.**
- **Do not handle the battery with metallic tools.**
- **Do not store the lithium battery with metallic materials.**
- **When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.**
- **Always check carefully that you are loading the battery with its (+) and (-) poles facing in the proper directions.**
- **Remove the battery if remote control is not to be used for a month or longer.**

- In the event of battery leakage, wipe the remote control completely clean and install a new battery.

## Getting to Know the Components and What They Do

Before using this unit, get to know the name of each component and how it is used.

### The Steering Remote Control

#### Operation mode

By switching the Operation mode (Main mode, DIN mode, Navigation mode) you can use one remote control to operate different equipment.

##### Main mode :

Operates Pioneer AV Head Unit (e.g. AVH-P7500DVD, AVH-P6500DVD, AVH-P6400CD, AVH-P6400R)

##### DIN mode :

Other Pioneer Head Unit operation

##### Navigation mode :

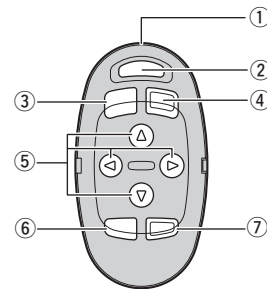
Navigation operation

First of all, set the Operation mode switching method. The Operation mode switching changes in accordance with the settings as below.

	Switching method	Setting method
Setting A	Main mode ↓ Navigation mode	Press the <b>VOICE</b> button while pressing the <b>A.MENU</b> button.
Setting B	DIN mode ↓ Navigation mode	Press the <b>BACK</b> button while pressing the <b>A.MENU</b> button.
Setting C	Navigation mode only	Press the <b>SRC (SOURCE)</b> button while pressing the <b>A.MENU</b> button.

- When using with the Pioneer AV Head Unit, set to Setting A. If you wish to operate another Pioneer Head Unit, set to Setting B. If you wish to use Navigation operation only, set to Setting C. ("Setting A" is default or factory setting.)

### Main mode and DIN mode operation



#### (1) Transmitter

This transmits the remote control signals.

#### (2) NAVI/AUDIO button

Pressing this button switches the Operation mode.

#### (3) VOICE button

You can use the **VOICE** button to start voice recognition, allowing you to operate the Navigation System by speech.

#### (4) SRC (SOURCE) button

Switches between sources and switches power ON/OFF. (Depending on the connected units, operation may differ slightly. Refer to "Switching the Sources" in the connected unit's instructions.)

#### (5) ▲, ▼, ◀, ▶ button

Operates the same as the Head Unit's ▲, ▼, ◀, ▶ button or the Joystick.

#### (6) BACK button

**Main mode :** **BACK** button

Return to the previous screen.

**DIN mode :** **FUNCTION** button

FUNCTION menu is displayed.

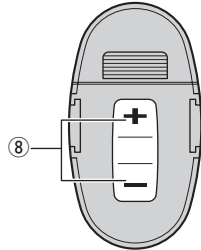
#### (7) A.MENU button

**Main mode :** **AUDIO MENU** button

Display the menu.

**DIN mode :** **AUDIO** button

AUDIO menu is displayed.



**(8) +/- button**

The Pioneer Head Unit's sound volume can be adjusted.

**Navigation mode (navigation operation)**

- ☞ The main way of operating the built-in DVD player is by the DVD remote control supplied. → Chapter 2
- ☐ The **SRC (SOURCE)** button, and ◀/▶ buttons are not used in Navigation mode.

**(1) Transmitter**

See Main/DIN mode.

**(2) NAVI/AUDIO button**

See Main/DIN mode.  
(Setting C does not need this button.)

**(3) VOICE button**

See Main/DIN mode.

**(5) ▲/▼ button**

The map can be enlarged or reduced. If a menu list extends over several pages, switch to the previous page or the next page.

**(6) NAVI button**

Press this button to view the map or return to guidance. Also, when the map is scrolling, pressing this button returns you to the display of the map of your surroundings.

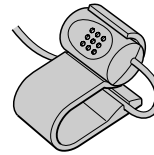
**(7) GUIDE/TRAFFIC button**

Press this button if you want to hear the voice guidance again. If this button is pressed for more than two seconds, you can listen to traffic information on your route (where available).

**(8) +/- button**

The volume of the navigation guide voice can be adjusted.

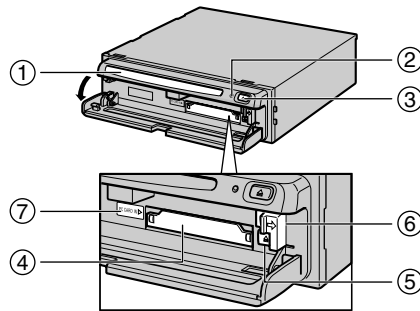
**Microphone**



**(1) Microphone**

After pressing the **VOICE** button to start voice operation, this microphone hears your commands.

**Main unit**



**(1) Disc loading slot**

**(2) Reset button**

If the system malfunctions, reset it by pressing this recessed button with a ballpoint pen or similar pointed object.

☞ "Resetting the System" → Page 28

**(3) Disc eject button**

**(4) PC card slot**

**(5) PC card eject button**

Remove the PC card by pressing this button.

**(6) PC card lock lever**

This lever is used to remove the PC card.

**(7) PC card lock lamp**

The red light goes on when the PC card is inserted and a proper connection is made.

### Setting and removing the disc

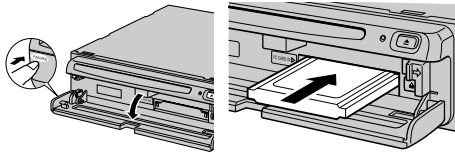
Insert the disc in the Disc loading slot with the label-side up. To remove the disc, press the Disc eject button on the right-hand side of the Disc loading slot.

- Do not try to use discs other than a disc designed for this system. Please use only the disc specified by Pioneer.

➤ For information on playing DVD videos or music CDs, and on storing and handling discs → Page 9

### Setting the PC card

Open the cover at the front of the main unit. Hold the PC card label-side up: the arrow shows the direction of insertion. Insert the card firmly until the PC card eject button pops out. If the main unit power is on, the PC card lock lamp changes from green to red, showing that the PC card is inserted correctly and ready for use.

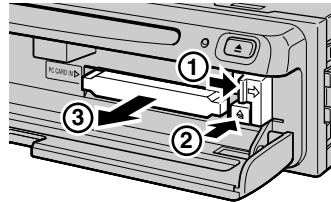


### Removing the PC Card

#### **Caution**

- **Do not remove the PC card while the PC card lock lamp is red. It may damage the main unit of the Navigation System or the PC card.**

Open the cover on the front of the main unit. Slide the PC card lock lever to the right (1), and hold it there. Check that the PC card lock lamp has changed to green, and then press the PC card eject button (2). (Keep holding the PC card lock lever to the right until the PC card is removed completely.)



- PC card can be set or removed regardless of the power ON/OFF of the main unit (ON/OFF of the engine).
- You can only use a card that conforms to the PCMCIA Type II (5V) standard. If you attempt to use a card complying with a different standard, the card slot may be damaged, or a malfunction may occur.
- Do not remove the card while editing the data on the PC card. The data stored on the Navigation unit and data on the PC card could be corrupted.

## Chapter 2

### Using Built-in DVD Player (AVIC-900DVD only)

#### To Ensure Safe Driving

##### **Warning**

- **To avoid the risk of an accident and the potential violation of applicable laws, this product is not for use with a video screen that is visible to the driver.**
- **In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed.**

This product detects whether your vehicle's handbrake is engaged or not, and prevents you from watching a DVD on the display connected to Video Output while driving. The following message will be displayed on the screen while the vehicle is moving:

#### **ATTENTION! VIDEO VIEWING IS NOT AVAILABLE WHILE DRIVING**

When you park your vehicle in a safe place and apply the handbrake, the picture appears on the screen.

#### Before Using Built-in DVD Player

You can set a DVD or CD into the Disc loading slot of the Navigation System and play it (AVIC-900DVD only). Check the type of disc that can be played with this unit. The main way of operating the DVDs and CDs is by the DVD remote control.

- For information on using the DVD remote control → Page 11 and 13

#### Playable discs

DVD-Video and CD discs that display the logos shown below can be played back on this player.



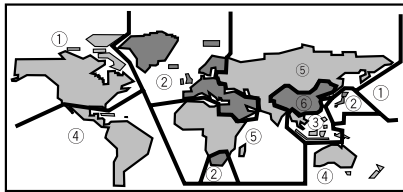
**Chapter 2**

Using Built-in DVD Player (AVIC-900DVD only)

## DVD video disc region numbers

DVD video discs that have incompatible region numbers cannot be played on this player. The region number of the player can be found on the bottom of this unit.

The illustration below shows the regions and corresponding region numbers.



### Disc Operation

With some DVDs, depending on the intentions of the disc's producer, certain operations may be prohibited. Also, with discs supporting menu operation and two-way operation during play-back, the way titles and chapters are organized may prevent certain operations such as Repeat play.

If this happens with this player, the prohibition symbol "⊘" is displayed.

The prohibition symbols "⊘" may not appear on some discs.

### Dolby Digital

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



This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.

Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

### Caution

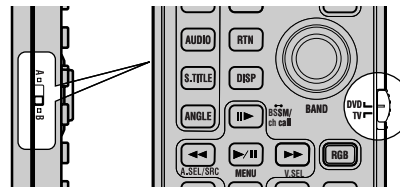
- On DVD-VIDEO, sound tends to be recorded at a lower volume (than in music CDs and suchlike) to produce a dynamic sound effect. After listening to a DVD-VIDEO disc, where sound is recorded at a lower volume, turn the volume down before listening to another type of disc, otherwise it will be too loud.

## Set the DVD Remote Control

To operate the built-in DVD player with the DVD remote control, set the remote control code selection switch to code type B and set the Operation mode switch to "DVD".

Left side :

Right side :



## How to Listen to a CD with Built-in DVD Player (AVIC-900DVD only)

### In case of AVIC-800DVD, you cannot play CDs with the Navigation System.

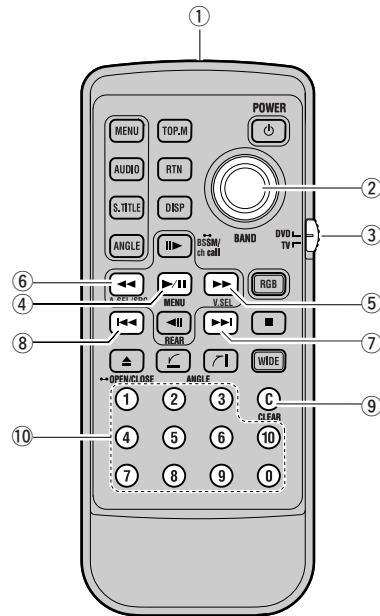
This product allows you to select the track or repeat range, and turn random or scan playback On/Off.

#### Before listening to a CD

In order to avoid damaging a disc or the main unit, before inserting a disc, make sure that no disc is already set in the Disc loading slot.

- ☞ For information on setting and removing discs → Page 8
- ☐ Pressing the **VOICE** button of the Steering Remote Control in NAVI SOURCE allows you to operate the built-in DVD player by voice command. (This function cannot be used when this unit is used with AVD-W6210.)
- ☞ For information on voice operation → Chapter 5 (For touch panel operation types) and Chapter 7 (For remote controlled types) of the Operation Manual

## How to use the DVD Remote Control



**Chapter 2**  
Using Built-in DVD Player (AVIC-900DVD only)

### (1) Transmitter

This transmits the remote control signals.

### (2) Joystick/OK button

Used when selecting an item, or when switching or selecting On/Off.

### (3) Operation mode switch

When you play a DVD-Video or CD, set this switch to DVD.

When set to TV, can be used to operate the TV tuner or display.

- ☞ For information on the remote control functions when set to TV → Page 25

### (4) PLAY/PAUSE button

Used to play and pause discs.

### (5) ►► button

Used to fast-forward CDs.

### (6) ◀◀ button

Used to fast-rewind CDs.

### (7) ►►► button

Used to advance CD tracks.

### (8) ◀◀◀ button

Used to rewind CD tracks.

**(9) CLEAR button**

This is used when canceling numbers entered such as track numbers.

**(10) Numeric keypad**

Used to input track numbers.

**Basic method of listening to CD**

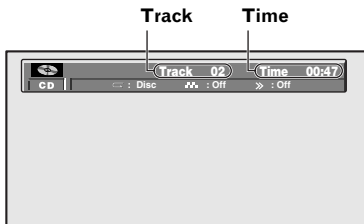
**1 Set Display Unit Source to "NAVI" (or "NAVI SOURCE").**

If the playback screen does not appear, press the display's **NAVI/AV** button to change the screen.

- Depending on the connected units, operation may differ slightly. Refer to "Switching the Sources" in the connected unit's instructions.

**2 Insert the CD into the Disc loading slot with its title side facing up.**

The disc starts playing.



**3 Press ◀◀ or ▶▶ to select the desired track.**

To move to the next track, press ▶▶ once. To move to the beginning of the track, press ◀◀ once. Pressing again will skip to the previous track.

- To fast-rewind or fast-forward, keep pressing ◀◀ or ▶▶.

**4 Press the disc eject button, and remove the CD.**

Play is cancelled and the CD is ejected from the Disc loading slot. You can also stop the playback by turning NAVI Source OFF or by changing to the other source.

**Specifying a track (Direct search)**

You can specify a track by using the numeric keypad.

**1 Move the Joystick to the left or right to select the track number.**

The track number is highlighted.

**2 Select the number of the track you want to listen to on the numeric keypad.**

- To select 3, press 3.
- To select 10, press 10, then 0.
- To select 23, press 10, then 10, then 3.

- If you want to cancel the number you entered, press the **CLEAR** button.
- You can also change the track number by moving the joystick up or down.

**3 Press the OK button.**

The specified track is played.

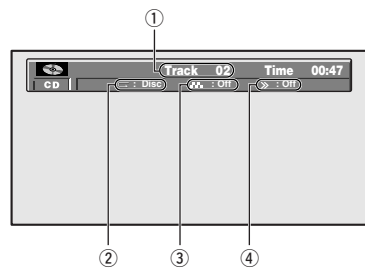
- If you do not press any buttons or enter any keys for about eight seconds, the number entered returns to the one currently playing.
- The time cannot be selected.

**Set to Repeat Playback, Random Playback, Scan Playback**

**1 Move the joystick to the left or right to select the item you want.**

The selected item is highlighted.

**2 Move the Joystick up or down to turn On/Off.**



**① Track**

Specify the track you want to hear.

② **Repeat play**

You can listen to the music you are currently playing repeatedly.

③ **Random play**

You can listen to the CD you are currently playing in a different track order.

④ **Scan play**

You can listen to the first 10 seconds of each track.

- During scan play, if the track you want to listen to is played, move the Joystick down to turn it "Off".
- On returning to the track where Scan play started, Scan play is cancelled automatically.

**How to Watch a DVD with Built-in DVD Player (AVIC-900DVD only)**

**In case of AVIC-800DVD, you cannot play DVDs with the Navigation System.**

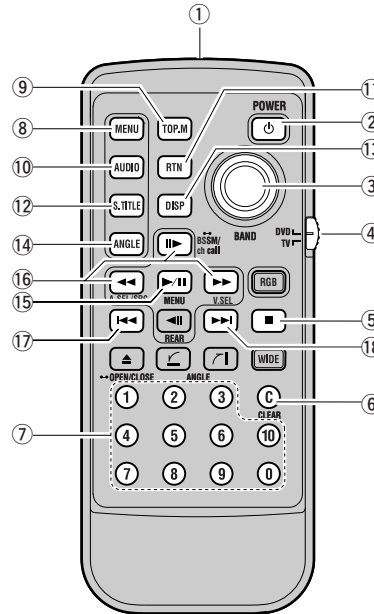
You can fast-forward, fast-rewind, advance one frame at a time, play in slow motion, or freeze frame the display. Also, you can check the details of operation while playing the DVD, using the DVD information screen. In the DVD information screen, you can select the chapter, the language, the subtitles, or the angle.

**Before watching DVD**

In order to avoid damaging a disc or the main unit, before inserting a disc, make sure that no disc is already set in the Disc loading slot.

- ☞ For information on setting and removing disc → Page 8
- Pressing the **VOICE** button of the Steering Remote Control in NAVI SOURCE allows you to operate the built-in DVD player by voice command. (This function cannot be used when this unit is used with AVD-W6210.)
- ☞ For information on voice operation → Chapter 5 (For touch panel operation types) and Chapter 7 (For remote controlled types) of the Operation Manual.

**How to use the DVD Remote Control**



**(1) Transmitter**

This transmits the remote control signals.

**(2) POWER button**

Not used.

**(3) Joystick/OK button**

Use this for selecting items on a menu screen or to confirm a selection.

**(4) Operation mode switch**

Changes the remote control's mode. When set to TV, can be used to operate the TV tuner or display.

- ☞ For information on the remote control functions when set to TV → Page 25

**(5) ■ button**

This is used to stop playing.

**(6) CLEAR button**

This is used when canceling numbers entered such as chapter numbers.

**(7) Numeric keypad**

Use this keypad for entering numbers such as chapter numbers.

**Chapter 2**

Using Built-in DVD Player (AVIC-900DVD only)

**(8) MENU button**

When the DVD is played, the route menu stored on the DVD is shown. When the DVD is stopped, the default setting screen appears.

**(9) TOP.M button**

The main menu stored on the DVD is displayed.

**(10) AUDIO button**

This button is used to select the sound track.

**(11) RTN button**

Use this button to move back to a previous screen in a default setting screen.

**(12) S.TITLE button**

This button is used for switching the subtitles on or off.

**(13) DISP button**

Display an Information screen. Press once more to change the contents of the Information screen.

**(14) ANGLE button**

This button is used for changing the angle.

**(15) PLAY/PAUSE button**

Use this button to play and pause discs.

**(16) ◀◀, ▶▶, II▶ buttons**

Use these buttons to fast-forward, fast-rewind, and advance frame by frame during DVD playback.

**(17) ◀◀ button**

Use this button to rewind a chapter.

**(18) ▶▶ button**

Use this button to advance a chapter.

**Basic method of watching DVD**

**About Prohibition Symbol**

In some cases, a Prohibition Symbol "⊘" may appear while playing DVD or when play is stopped, and you may not be able to operate the DVD. This is due to some specifications of the DVD-Disc. Operations that are possible or impossible may vary according to various conditions such as the contents of the DVD and particular sections to play. (For detailed information on the method of operation, see the instruction manual supplied with the DVD-Disc.)

**1 Set Display Unit Source to "NAVI" (or "NAVI SOURCE").**

If the playback screen does not appear, press the display's **NAVI/AV** button to change the screen.

- Depending on the connected units, operation may differ slightly. Refer to "Switching the Sources" in the connected unit's instructions.

**2 Insert the DVD into the Disc loading slot with the title side facing up.**

The disc starts playing.

**3 Press ◀◀ or ▶▶ to select the desired chapter.**

To move to the next chapter, press ▶▶ once. To move to the beginning of the chapter, press ◀◀ once. Pressing again will skip to the previous chapter.

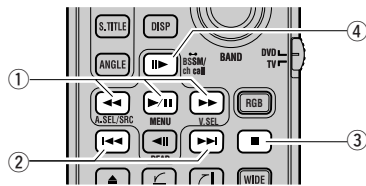
- To fast-rewind or fast-forward, keep pressing ◀◀ or ▶▶.
- When the menu of the DVD disc is displayed, choose the item you want with the joystick, then click the **OK** button.

**4 Press the disc eject button and remove the DVD.**

Play is cancelled and DVD is ejected from the Disc loading slot.

.....  
**Caution during play**

- When the disc already inserted in this unit is played, it starts from the place where you stopped previously. In the case of a DVD with the main menu stored, the main menu may appear when playing starts.
  - Normally, the subtitle language or audio language set in the default setting is used. However, if the language for subtitles or sound track is changed during play, the language selected previously is used.
  - Some discs may always play with the language specified by DVD regardless of the default setting.
  - The image is not displayed while the vehicle is being driven. Only the sound track is played.
  - When the message **"Please press Navi/AV button and switch to AV mode."** appears, press the **NAVI/AV** button on the Pioneer display or the separately sold (CD-R11) remote control's **NAVI/AV** button and change the type of image.
- .....



① **Starting playback/fast-forward/fast-rewind**

<b>PLAY/PAUSE button :</b>	playback (if pushed during playback, the playback is paused.)
<b>◀◀ button :</b>	fast-rewind
<b>▶▶ button :</b>	fast-forward

- You cannot hear the sound track during fast-forward or fast-rewind.
- Pressing the ◀◀ or ▶▶ button for a certain period during fast-forward or fast-rewind displays the ◀◀ or ▶▶ mark on the screen. When the button is released, the fast-forward or fast-rewind continues. When you arrive at the part of the disc you want to play back, press the **PLAY/PAUSE** button.

- Depending on the disc, only fast-forward and fast-rewind may not be possible in some sections. If you fast-forward or fast-rewind up to that section, the disc is automatically switched to play.

② **Move the chapter forward/backward**  
**Moving to next chapter**

Press the ▶▶I button.

**Return to the start of the chapter**

Press the I◀◀ button, while playing.

To return to the previous chapter, press the I◀◀ button twice.

③ **Stop playing**

- The section where the play is stopped is memorized. When you play the disc next time, play will be resumed from there.
- Depending on discs or some sections you are playing, the prohibition symbol may appear and you may not be able to stop playing.

④ **Moving one frame at a time/slow playback**

- Each press of the II▶▶ button advances the screen by one frame.
- While the II▶▶ button is pressed, the disc is in Slow playback mode.
- When returning to normal playback, press the **PLAY/PAUSE** button.
- While playing back one frame at a time or during slow playback, the sound is disabled.
- Depending on the DVD, the image may be blurred during a play with one frame at a time or slow playback.

## Operation of menu

You can call up the main menu or route menu stored in the DVD. In the menu, you can select titles and chapters, or set the sound track or subtitles, etc.

### About main menu / route menu

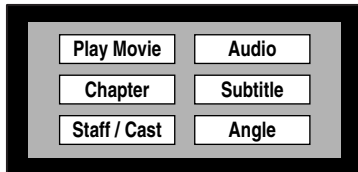
- The main menu/route menu may not be stored in some DVDs.
- The items in main menu/route menu displayed or their operation method may vary according to the DVD. For details, see the DVD's instructions.
- If the menu that is possible to display is not stored on a DVD, the Prohibition symbol "⊘" appears.

### 1 Press the TOP.M button or MENU button during playing.

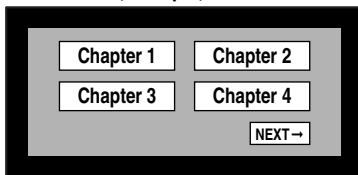
The main menu or route menu stored on the DVD appears.

- When the **TOP.M** button is pressed, the main menu appears.
- When the **MENU** button is pressed, the route menu appears.

#### Main menu (example)



#### Route menu (example)



- If you press the **MENU** button again while displaying a new screen, a playback starts from the section just before the menu was indicated.

### 2 Move the joystick to select the item, and click the OK button.

You can operate the selected item.

## Specifying a title or a chapter

You can specify a title or a chapter by using the numeric keypad. (Direct search)

### Selecting a title

#### 1 Press the title number you want to watch with the numeric keypad while playing is stopped.

- To select 3, press 3.
- To select 10, press 10, then 0.
- To select 23, press 10, then 10, then 3.

The specified title is played.

### Selecting a chapter

#### 1 Press the chapter number you want to watch with the numeric keypad while playing.

- To select 3, press 3.
- To select 10, press 10, then 0.
- To select 23, press 10, then 10, then 3.

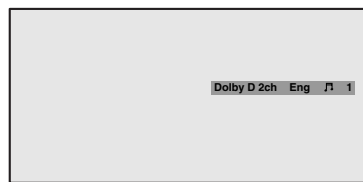
The specified chapter is played.

## Selecting a sound track type, subtitles or camera angles

If several types for sound track, subtitles or camera angles are stored on a DVD, you can switch these options while playing the DVD.

### Switching sound track types during playback

#### 1 Press the AUDIO button while playing.



Dolby D 2ch Eng 1 1

Sound track selection palette

Sound track selection palette and the sound track type currently selected appear.

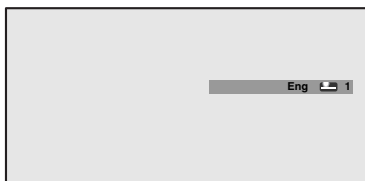
**2 While the sound track selection palette is shown, press the AUDIO button.**

As you press the **AUDIO** button, sound track type is switched over.

- If a DVD does not have several sound track types stored, you cannot switch the sound track.
- Depending on the DVD, you may be only able to switch sound track type from the menu screen.
- If you do not press any buttons or enter any keys for about eight seconds, the sound track selection palette disappears. To select the sound track type, press the **AUDIO** button again.
- You can also change the sound track type by moving the joystick up or down, or by pressing the numeric keypad while the sound track selection palette is shown.
- The sound track selected here will be stored in this unit until the disc is ejected. When playing next time, the play resumes with the sound track selected previously.
- For details of sound track type stored on the DVD, see the instruction manual of the DVD disc.

**Switching language for subtitles during playback**

**1 Press the S.TITLE button while playing.**



Subtitle selection palette

Subtitle selection palette and the language currently selected appear.

**2 While the subtitle selection palette is displayed, press the S.TITLE button.**

As you press the **S.TITLE** button, subtitle is switched over.

- If a DVD does not have several subtitles stored, you cannot switch the subtitles.

- Depending on the DVD, you may be able to change subtitles only from the menu screen.
- If you do not press any buttons or enter any keys for about eight seconds, the subtitle selection palette disappears. To select subtitles, press the **S.TITLE** button again.
- You can also change the subtitle by moving the joystick up or down, or by pressing the numeric keypad while the subtitle selection palette is shown.
- The language for subtitle selected here will be stored in this unit until the disc is ejected. When playing next time, the play resumes with the subtitle selected previously.

**Switching camera angles during playback**

Depending on the DVD, some may have images filmed from several angles in one scene. While playing DVD, you can change the angle of the image.

**Section where you can change the angle**

At a section where the angle can be changed, the angle selection mark appears on the bottom-right of the screen.

**1 Press the ANGLE button while playing the section that is filmed from several angles.**



Angle selection mark

Angle selection mark and the current angle number are indicated.

**2 While the angle selection mark is shown, press the ANGLE button.**

As you press the **ANGLE** button, the angle is switched over.

- If a DVD does not have several angles filmed in one scene, you cannot switch angles.
- You cannot change the angle while playing in slow motion.
- If you do not press any buttons or enter any keys for about eight seconds, angle selection mark disappears. When changing angles, press the **ANGLE** button again.
- You can also change the angle by moving the joystick up or down, or by pressing the numeric keypad while the angle selection mark is shown.
- You can switch the display of angle selection mark ON or OFF → Page 23

**To Operate While Checking on the Screen**

While playing a DVD, the playing conditions can be shown on the screen (Information screen). With the information screen, you can operate the disc while checking the details on the screen. You can select chapters, sound tracks, subtitles, or angles.

**Calling up the information screen**

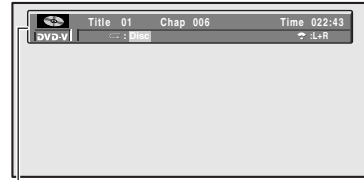
**1 Press the DISP button during playback.**

Each time you press the **DISP** button, the screen is switched as follows:

Normal play screen



Information screen 1

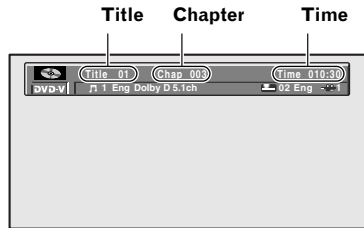


Information screen 2

Normal play screen

**Specifying title or chapter, or playing from a specified time (Information screen 1)**

**1 Move the joystick to the left or right to select the item you want.**



The selected item is highlighted.

**2 Move the joystick up or down to change the number.**

You can also select the number by using the numeric keypad.

- If you want to cancel the number you entered, press the **CLEAR** button.

**When specifying the time**

- If you want to select 21 minutes 43 seconds, press 0, 2, 1, 4, and 3.
- If you want to select 1 hour 11 minutes, convert it to minutes (71 minutes), and press 0, 7, 1, 0, and 0.

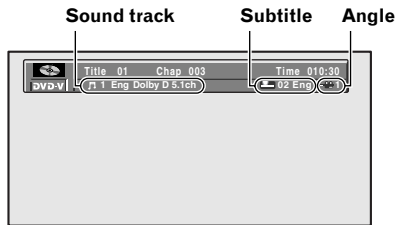
**3 Click the OK button.**

The disc plays from the specified title, chapter, or time.

- If you do not press any buttons or enter any keys for about eight seconds, the number entered returns to the one currently playing.

### Changing sound track, subtitle, or angle (Information screen 1)

- 1 Move the joystick to the left or right to select the item you want.



The selected item is highlighted.

- You can also select by pressing the **AUDIO** button, **S.TITLE** button, or **ANGLE** button.

- 2 Move the joystick up or down to change the setting.

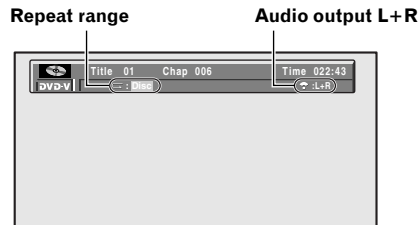
As you move the joystick up or down, the setting changes.

You can also change the setting by using the numeric keypad. (In case, when the number exist.)

- The number of items you can select will vary according to the number of sound tracks, subtitles, or angles stored on the DVD.
- You cannot change the sound track on a DVD that does not store several sound tracks.
- You cannot change the subtitles on a DVD that does not store several subtitles.
- Depending on the DVD, you may be able to change subtitles or sound tracks only from the menu screen.
- You cannot change the angle while playing in slow motion.
- If you left the DVD inserted, the sound track (language) and subtitle (language) already selected is stored in this unit. When you next play the disc, the previously selected sound track (language) and subtitle (language) will be played.

### Changing repeat range, or audio output L+R (Information screen 2)

- 1 Move the joystick to the left or right to select the item you want to operate.

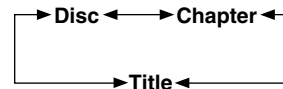


The selected item is highlighted.

- 2 Move the joystick up or down to change the setting.

As you move the joystick up or down, the setting changes as follows:

#### Repeat range



#### Audio output L+R

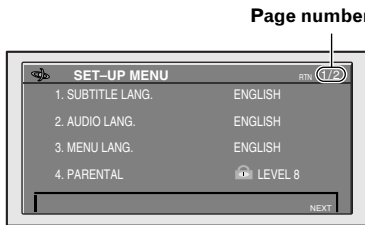


## Adjusting Settings

You can change the DVD's default settings, including sound track, subtitle, menu language, or setting of viewing restrictions. Normally, the DVD is played with the contents set in the default setting screen.

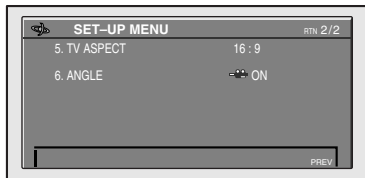
### Basic Operation of the default setting screen

- 1 Press the **■** button while playing.  
The disc stops playing.
- 2 Press the **MENU** button for one second.



The SET-UP MENU appears.

- 3 To show the next page, highlight "NEXT" in the right corner of display, and click the **OK** button.



The SET-UP MENU changes.

- 4 Move the joystick up or down to select the desired item, and click the **OK** button.

To return to the previous screen, highlight "PREV" and click the **OK** button, or press the **RTN** button.



### 5 Operating the desired item.

- If you press the **MENU** button in the SET-UP MENU, the SET-UP MENU disappears and the Stop condition returns.
- Select "**RTN**" and click the **OK** button or press the **RTN** button to return to the previous screen.

### Items User can Change

This section introduces the contents that can be set. The contents with an asterisk (\*) mark indicates the default setting.

### Setting the subtitle

If you select "**SUBTITLE LANG.**", you can operate three items.

#### LANGUAGE

This setting controls ON/OFF of subtitle indication.

##### ON\* :

Subtitles are displayed.

##### OFF :

Subtitles are not displayed.

#### ASSIST

The assist subtitle is a subtitle explaining the scenes for the people with hearing problems. You can display this if an assist subtitle is stored on a DVD.

##### ON\* :

Assist subtitles are displayed.

##### OFF :

Assist subtitles are not displayed.

## LANGUAGE SELECT

The subtitles are displayed with the language set here. If you change the subtitle (language) while playing, the language selected previously will be displayed.

### JAPANESE, ENGLISH, FRENCH, SPANISH, GERMAN, ITALIAN, CHINESE :

Subtitle is set to the selected language.

#### OTHERS :

Subtitle is set by entering the language code.

- If the selected language is not stored on the disc, the language of the subtitle specified by the DVD is shown.
- If a specific language is preset on the DVD, the language specified by the DVD will be displayed regardless of any settings you make.
- If you remove the DVD and insert it again, the subtitles will be displayed in the default language.
- If you select "OTHERS", the "SUBTITLE LANG. OTHERS" screen appears. Enter a four-digit number as described in the language code list (see page 24) with the numeric keypad, and click the **OK** button. If you press the **CLEAR** button, the code number of the language currently being set appears.

## Setting the audio language

The audio is played in the language you set. If you change the audio (language) while playing, the language selected previously will be played.

### AUDIO LANG.

### JAPANESE, ENGLISH, FRENCH, SPANISH, GERMAN, ITALIAN, CHINESE :

Audio is set to the selected language.

#### OTHERS :

Audio is set by entering the language code.

- If the selected language is not stored on the disc, the language of the audio specified by the DVD is shown.
- If a specific language for the sound track is preset on the DVD, the DVD is played in the preset language regardless of any settings you make.

- If you remove the DVD and insert it again, the sound track will be played in the default language.
- If you select "OTHERS", the "AUDIO LANG. OTHERS" screen appears. Using the numeric keypad, enter a four-digit code number listed in the language code list (see page 24) and click the **OK** button. If you press the **CLEAR** button, the code number of the language currently set appears.

## Setting the menu language

### MENU LANG.

### JAPANESE, ENGLISH, FRENCH, SPANISH, GERMAN, ITALIAN, CHINESE :

Menu language is set to the selected language.

#### OTHERS :

Menu language is set by entering the language code.

- If the selected language is not stored on the disc, the language of the menu specified by the DVD is shown.
- If a specific language for the menu is preset on the DVD, the menu is displayed with the preset language specified by the DVD regardless of your settings.
- When selecting "OTHERS", the "MENU LANG. OTHERS" screen appears. Using the numeric keypad, enter a four-digit code number listed in the language code list (see page 24) with and click the **OK** button. If you press the **CLEAR** button, the code number currently set appears.

## Setting viewing restriction

You may restrict the viewing of any scenes or DVDs you do not want your children to watch. The restriction might apply to adult material or violence. The viewing restrictions can be set to different levels.

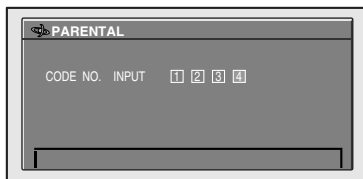
### PARENTAL

LEVEL	Description
<b>LEVEL8</b>	All DVDs can be played (default setting).
<b>LEVEL2-7</b>	Playing a DVD that contains adult or violent scenes is restricted. (A DVD for universal viewing or for children is played.)
<b>LEVEL1</b>	Only the DVD for children is played.

#### About viewing restrictions

- Write your password down and keep it in a safe place in case you forget it.
- Depending on the DVD, the level of viewing restriction being set may be different. Check the packaging of DVD software. Also, you cannot set viewing restrictions on a DVD that does not have a viewing restriction setting.
- Depending on the DVD, the scenes with viewing restrictions may be skipped while playing. For details, see the instructions of the DVD disc.
- If you try to play a restricted DVD, the password prompt screen may appear. In this case, play will not start unless the correct password is entered.

- 1 Select "PARENTAL" and click the OK button.**
- 2 Enter the four-digit password using the numeric keypad, and click the OK button.**



- 3 Move the joystick left or right to select the level you want to set, and click the OK button.**

The viewing restriction is set.

- When you want to change the viewing restriction level, perform the same operation.
- While changing the setting, if the wrong password is entered in Step 2, a prohibition symbol appears. If this happens, enter the correct password.
- If you forget the password, press the **CLEAR** button ten times. Then you can set a new password.

## Setting aspect ratio of the screen

There are two types of displays: wide screens with an aspect ratio of 16:9 and normal screens with an aspect ratio of 4:3. Set the aspect ratio according to the display you use.

### TV ASPECT

#### 16:9\* :

Select when using wide type. (default setting)

#### LETTER BOX :

Select when using normal type. If the image stored on the DVD is **16:9**, the screen becomes smaller with black bands appearing on the top and bottom part of the display, but without left and right sides being cut off.

#### PANSCAN :

Select when using normal type. When the image stored on the DVD is **16:9**, the left and right sides will be cut off, but the image will be displayed on the whole screen.

- Setting to "**16:9**" when using normal type display may cause the picture to look unnatural.
- When you play a DVD that is not compatible with "**PANSCAN**", it is played in "**LETTER BOX**" aspect even when "**PANSCAN**" is set.
- Some DVDs may not be able to change the TV ASPECT. For details, see the instruction of the DVD disc.



### Setting the display of the angle selection mark

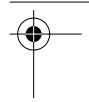
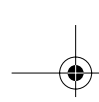
While playing a section where the angle can be changed, the angle selection mark appears. You can also turn the display of the angle selection mark ON or OFF.

#### ANGLE

This setting turns ON/OFF the display of angle selection mark.

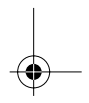
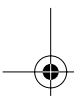
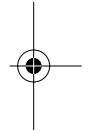
**ON\* :**  
Angle selection mark is displayed.

**OFF :**  
Angle selection mark is not displayed.



## Chapter 2

Using Built-in DVD Player (AVIC-900DVD only)



## Language code list

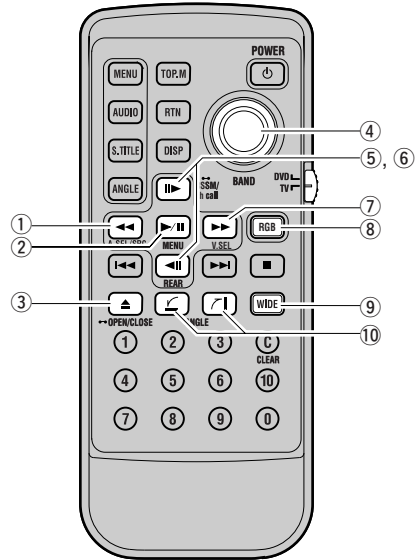
Language (code)	Input code	Language (code)	Input code	Language (code)	Input code
Japanese (ja)	1001	Hausa (ha)	0801	Romanian (ro)	1815
English (en)	0514	Hindi (hi)	0809	Kinyarwanda (rw)	1823
French (fr)	0618	Croatian (hr)	0818	Sanskrit (sa)	1901
Spanish (es)	0519	Hungarian (hu)	0821	Sindhi (sd)	1904
German (de)	0405	Armenian (hy)	0825	Sangho (sg)	1907
Italian (it)	0920	Interlingua (ia)	0901	Serbo-Croatian (sh)	1908
Chinese (zh)	2608	Interlingue (ie)	0905	Sinhalese (si)	1909
Dutch (nl)	1412	Inupiak (ik)	0911	Slovak (sk)	1911
Portuguese (pt)	1620	Indonesian (in)	0914	Slovenian (sl)	1912
Swedish (sv)	1922	Icelandic (is)	0919	Samoan (sm)	1913
Russian (ru)	1821	Hebrew (iw)	0923	Shona (sn)	1914
Korean (ko)	1115	Yiddish (ji)	1009	Somali (so)	1915
Greek (el)	0512	Javanese (jw)	1023	Albanian (sq)	1917
Afar (aa)	0101	Georgian (ka)	1101	Serbian (sr)	1918
Abkhazian (ab)	0102	Kazakh (kk)	1111	Siswati (ss)	1919
Afrikaans (af)	0106	Greenlandic (kl)	1112	Sesotho (st)	1920
Amharic (am)	0113	Cambodian (km)	1113	Sundanese (su)	1921
Arabic (ar)	0118	Kannada (kn)	1114	Swahili (sw)	1923
Assamese (as)	0119	Kashmiri (ks)	1119	Tamil (ta)	2001
Aymara (ay)	0125	Kurdish (ku)	1121	Telugu (te)	2005
Azerbaijani (az)	0126	Kirghiz (ky)	1125	Tajik (tg)	2007
Bashkir (ba)	0201	Latin (la)	1201	Thai (th)	2008
Byelorussian (be)	0205	Lingala (ln)	1214	Tigrinya (ti)	2009
Bulgarian (bg)	0207	Laothian (lo)	1215	Turkmen (tk)	2011
Bihari (bh)	0208	Lithuanian (lt)	1220	Tagalog (tl)	2012
Bislama (bi)	0209	Latvian (lv)	1222	Setswana (tn)	2014
Bengali (bn)	0214	Malagasy (mg)	1307	Tonga (to)	2015
Tibetan (bo)	0215	Maori (mi)	1309	Turkish (tr)	2018
Breton (br)	0218	Macedonian (mk)	1311	Tsonga (ts)	2019
Catalan (ca)	0301	Malayalam (ml)	1312	Tatar (tt)	2020
Corsican (co)	0315	Mongolian (mn)	1314	Twi (tw)	2023
Czech (cs)	0319	Moldavian (mo)	1315	Ukrainian (uk)	2111
Welsh (cy)	0325	Marathi (mr)	1318	Urdu (ur)	2118
Danish (da)	0401	Malay (ms)	1319	Uzbek (uz)	2126
Bhutani (dz)	0426	Maltese (mt)	1320	Vietnamese (vi)	2209
Esperanto (eo)	0515	Burmese (my)	1325	Volapük (vo)	2215
Estonian (et)	0520	Nauru (na)	1401	Wolof (wo)	2315
Basque (eu)	0521	Nepali (ne)	1405	Xhosa (xh)	2408
Persian (fa)	0601	Norwegian (no)	1415	Yoruba (yo)	2515
Finnish (fi)	0609	Occitan (oc)	1503	Zulu (zu)	2621
Fiji (fj)	0610	Oromo (om)	1513		
Faroese (fo)	0615	Oriya (or)	1518		
Frisian (fy)	0625	Panjabi (pa)	1601		
Irish (ga)	0701	Polish (pl)	1612		
Scots-Gaelic (gd)	0704	Pashto, Pushto (ps)	1619		
Galician (gl)	0712	Quechua (qu)	1721		
Guarani (gn)	0714	Rhaeto-Romance (rm)	1813		
Gujarati (gu)	0721	Kirundi (rn)	1814		

## TV Tuner/Display Operation

When using this product with a separately sold TV or display, you can use the supplied remote control to perform some TV or display operations. To operate the TV or display, set the remote control Operation mode switch to "TV".

## Function Compatibility Charts

Functions that be operated differ depending on the TV or display. Refer to the following chart before operating.



## Chapter 2

Using Built-in DVD Player (AVIC-900DVD only)

Button Number	Button Name	model								
		A	B	C	D	E	F	G	H	I
①	<b>A.SEL button</b>	-	-	-	-	-	○	-	-	-
②	<b>MENU button</b>	○	-	-	-	-	○	○	○	○
③	<b>OPEN/CLOSE button</b>	-	○	○	○	○	-	-	-	-
④	<b>BAND button</b>	○	-	-	-	-	○	-	-	○
⑤ (upper)	<b>BSSM button</b>	-	-	-	-	-	○	○	○	○
⑥ (lower)	<b>REAR button</b>	-	-	-	-	-	○	-	-	-
⑦	<b>V.SEL button</b>	○	-	-	-	-	○	-	-	-
⑧	<b>RGB button</b>	-	-	○	-	○	-	-	-	-
⑨	<b>WIDE button</b>	○	○	○	○	○	-	-	○	-
⑩	<b>ANGLE button</b>	-	○	○	○	○	-	-	-	-

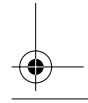
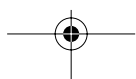
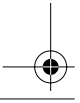
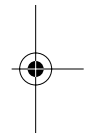
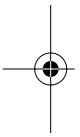
### Model

A: AVD-W8000\* B: AVX-7000 C: AVX-7300 D: AVX-P7000CD E: AVX-P7300DVD F: GEX-P7000TVP G: GEX-P6400TVP  
 H: AVR-W6100 I: GEX-6100TVP  
 \* Only when the front mode is selected.



**Chapter 2**

**Using Built-in DVD Player (AVIC-900DVD only)**



## Appendix

### Handling and Care of the Disc

Some basic precautions are necessary when handling your discs.

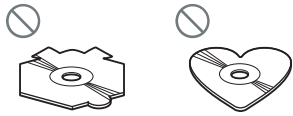
#### Discs you can use

- Do not use discs other than those intended for this product. Use only discs approved by Pioneer. In case of AVIC-900DVD, playback of DVD Video and CD is possible.

☞ For suitable discs → Page 9

#### DVD player and care

- Use only normal, round discs, if you insert irregular, non-round, shaped discs they may jam in the DVD player or not play properly.



- Check all discs for cracks, scratches or warping before playing. Discs that have cracks, scratches or are warping may not play properly. Do not use such discs.
- Avoid touching the recorded (non-printed side) surface when handling the disc.
- Store discs in their cases when not in use.
- Keep discs out of direct sunlight and do not expose the discs to high temperatures.
- Do not attach labels, write on or apply chemicals to the surface of the discs.
- To clean dirt from a disc, wipe the disc with a soft cloth outward from the centre of the disc.



- If the heater is used in cold weather, moisture may form on components inside the DVD-ROM drive. Condensation may cause the DVD-ROM drive to not operate properly. If you think that condensation is a problem turn off the DVD-ROM drive for an hour or so to allow the DVD-ROM drive to dry out and wipe any damp discs with a soft cloth to remove the moisture.
- Road shocks may interrupt disc playback.

### DVD discs

- With some DVD video discs, it may not be possible to use certain functions.
- It may not be possible to playback some DVD video discs.
- When DVD-R/DVD-RW discs are used, playback is possible only for discs which have been finalized.
- When DVD-R/DVD-RW discs are used, playback is possible only for discs which have been recorded with the Video format (video mode). It is not possible to playback DVD-RW discs which have been recorded with the Video Recording format (VR mode).
- It may not be possible to playback DVD-R/DVD-RW discs which have been recorded with the Video format (video mode), because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of this unit.
- Playback of discs recorded on a personal computer may not be possible depending on the application settings and the environment. Please record with the correct format. (For details, contact the manufacturer of the application.)

### CD-R/CD-RW discs

- When CD-R/CD-RW discs are used, playback is possible only for discs which have been finalized.
- It may not be possible to playback CD-R/CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of this unit.
- Playback of discs recorded on a personal computer may not be possible depending on the application setting and the environment. Please record with the correct format. (For details, contact the manufacturer of the application.)
- Playback of CD-R/CD-RW discs may become impossible in case of direct exposure to sunlight, high temperatures, or the storage conditions in the car.
- Titles and other text information recorded on a CD-R/CD-RW disc may not be displayed by this unit (in the case of audio data (CD-DA)).
- This unit conforms to the track skip function of the CD-R/CD-RW disc. The tracks containing the track skip information are skipped automatically (in case of audio data (CD-DA)).
- If you insert a CD-RW disc into this unit, time to playback will be longer than when you insert a conventional CD or CD-R disc.
- Read the precautions with CD-R/CD-RW discs before using them.

### Ambient conditions for playing disc

- At extremely high temperatures, a temperature cutout protects the Navigation System by switching it off automatically.
- Despite our careful design of the product, as a result of mechanical wear, ambient conditions for use, or handling of the disc, small scratches that do not affect actual operation may appear on the disc surface. This is not a sign of the malfunction of the unit. Consider it to be normal wear and tear.

### Resetting the System

On occasion, you may need to reset your Navigation System.

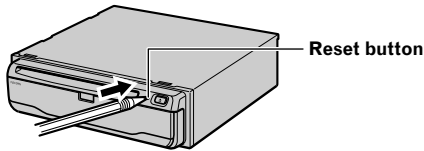
#### When a reset is necessary

You should reset the system in the following situations:

- After installation of this unit in your vehicle.
- If there appear to be problems with the operation of the system.
- If there are problems with the display.
- When changing the combination of the equipment.

#### Using the reset button

The reset button is recessed in the front of the main unit to prevent it being pressed accidentally. Look for it at the top right-hand corner of the front panel. Insert a pointed implement such as a ballpoint pen into the small hole and push.



If you have connected other equipment (for example, a display or AV Head Unit) to this by cable, be sure to reset that equipment too.

### Specifications

#### Main unit (GPS receiver)

System.....	L1, C/Acode GPS SPS (Standard Positioning Service)
Reception system.....	8-channel multi-channel reception system
Reception frequency.....	1,575.42 MHz
Sensitivity.....	-130 dbm
Position update frequency .	Approx. once per second

#### (Common)

Max. output impedance.....	1 Vp-p, 75 Ω
Maximum current consumption .....	2 A
Power source.....	DC 14.4 V (10.8 - 15.1 V allowed)
Ground type .....	Negative type

#### GPS aerial

Aerial .....	Micro strip flat antenna/ right-handed helical polarization
Aerial cable.....	5.0 m

#### Dimensions

Main unit.....	178(W) × 50(H) × 178(D) mm
GPS aerial .....	34(W) × 13(H) × 36(D) mm
Steering remote control.....	35(W) × 65(H) × 24(D) mm (AVIC-900DVD only)
DVD Remote control .....	52(W) × 123(H) × 11(D) mm

#### Weight

Main unit.....	1.5 kg
GPS aerial .....	105 g
Steering remote control.....	51 g (including holder and battery)
(AVIC-900DVD only)	
DVD Remote control .....	53 g (including battery)

#### DVD mechanism part (AVIC-900DVD only)

REGION NUMBER.....	2
USABLE DISCS SIGNAL FORMAT .....	DVD-VIDEO/CD
Sampling frequency.....	44.1/48/96 KHz
Number of quantisation bits .....	16/20/24 bit; linear
FREQUENCY RESPONSE ...	5-44,000 Hz (± 1 dB)
S/N RATIO.....	96 dB (IEC-A NETWORK) 97 dB (IEC-A NETWORK): CD
DYNAMIC RANGE .....	96 dB (1 kHz) 95 dB (1 kHz): CD
DISTORTION .....	0.008% (1 kHz)
OUTPUT LEVEL VIDEO .....	1 Vp-p/75 Ω
AUDIO .....	1 mV (1 kHz,0 dB)
NUMBER OF CHANNELS...	2 (STEREO)

#### Note:

- The specifications and design are subject to change without prior notice. The product purchased may differ in detail from illustrations in this manual.

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