

Pioneer

HTZ170DVD

DVD/CD Receiver | DVD/CD 接收器

XV-DV170

Speaker System | 揚聲器系統

S-DV170

HTZ171DVD

DVD/CD Receiver | DVD/CD 接收器

XV-DV171

Speaker System | 揚聲器系統

S-DV373

HTZ270DVD

DVD/CD Receiver | DVD/CD 接收器

XV-DV270

Speaker System | 揚聲器系統

S-DV270T

S-DV3SW

HTZ272DVD

DVD/CD Receiver | DVD/CD 接收器

XV-DV272

Speaker System | 揚聲器系統

S-DV272T

S-DV3SW

Operating Instructions
操作手冊



RW
COMPATIBLE

HDMI

IMPORTANT



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

D3-4-2-1_En-A

WARNING

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.

D3-4-2-1-3_B_En

WARNING

Before plugging in for the first time, read the following section carefully.

The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., 230 V or 120 V) written on the rear panel.

D3-4-2-1-4_En

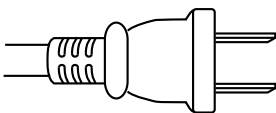
WARNING

To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment.

D3-4-2-1-7a_A_En

For Taiwan exclusively

Taiwanese two pin flat-bladed plug



VENTILATION CAUTION

When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 10 cm at top, 10 cm at rear, and 10 cm at each side).

WARNING

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed.

D3-4-2-1-7b_A_En

CAUTION

The STANDBY/ON switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation).

D3-4-2-2-2a_A_En

CAUTION

This product is a class 1 laser product, but this product contains a laser diode higher than Class 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: top of the unit

**CLASS 1
LASER PRODUCT**

**CAUTION : CLASS 3B VISIBLE AND INVISIBLE LASER
RADIATION WHEN OPEN, AVOID
EXPOSURE TO THE BEAM.**

**注意：打開時會有CLASS 3B可見和不可見
雷射輻射，請勿受雷射束輻射。**

VRW2159

D3-4-2-1-8_B_En

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement. **5002_En**

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period. **K041_En**

Operating Environment

Operating environment temperature and humidity:
+5 °C to +35 °C (+41 °F to +95 °F); less than 85 %RH
(cooling vents not blocked)

Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light) **D3-4-2-1-7c_A_En**

If the AC plug of this unit does not match the AC outlet you want to use, the plug must be removed and appropriate one fitted. Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel. If connected to an AC outlet, the cut-off plug can cause severe electrical shock. Make sure it is properly disposed of after removal. The equipment should be disconnected by removing the mains plug from the wall socket when left unused for a long period of time (for example, when on vacation). **D3-4-2-2-1a_A_En**

Thank you for buying this Pioneer product.

Please read through these operating instructions so that you will know how to operate your model properly. After you have finished reading the instructions, put them in a safe place for future reference.

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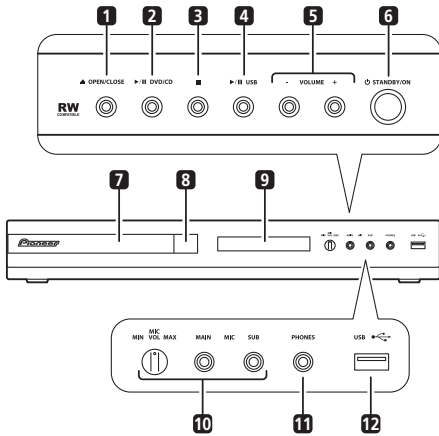
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Chapter 1

Controls and displays

Front panel



1 ▲ OPEN/CLOSE

Opens/closes the disc tray.

2 ►/|| DVD/CD

Selects the **DVD/CD** function and starts/pauses/resumes playback.

3 ■

Stops playback.

4 ►/|| USB

Selects the **USB** function and starts/pauses playback.

5 VOLUME +/- buttons

6 ⏻ STANDBY/ON

Switches the system on or into standby.

7 Disc tray

8 Remote Sensor

9 Display

See *Display* below.

10 MIC VOL and MIC input jacks

Controls the volume of the karaoke mics (**MAIN** and **SUB**).

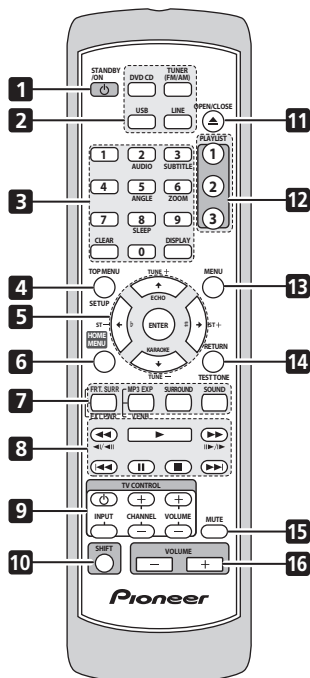
11 PHONES jack

Connect headphones.

12 USB interface

Connect a USB device for playback (see *USB playback* on page 25).

Remote control



1 **⏻ STANDBY/ON**

Switches the system on or into standby.

2 **Function select buttons**

Selects the source you want to listen to (**DVD/CD**, **TUNER**, **USB**, **LINE**).

3 **Number buttons, CLEAR, DISPLAY, SLEEP and DVD controls**

CLEAR

Clears an entry.

DISPLAY

Displays/changes disc information shown on-screen (page 24).

SHIFT+SLEEP

Press to set the sleep timer (page 14).

SHIFT+AUDIO

Selects audio channel/language (page 23).

SHIFT+SUBTITLE

Displays/changes the subtitles (page 23).

SHIFT+ANGLE

Changes camera angle during DVD multi-angle scene playback (page 24).

SHIFT+ZOOM

Changes the screen zoom level (page 24).

4 **TOP MENU**

Displays the top menu of a DVD disc in the play position — this may be the same as pressing **MENU** (page 13).

SHIFT+SETUP

Use to make various system and surround sound settings (page 11, 13, 14, 36, 42 and 47).

5 **Karaoke, cursor buttons, ENTER and tuning buttons**

SHIFT+KARAOKE

Selects vocal fade for karaoke (page 27).

SHIFT+ECHO

Changes the echo level on the karaoke mics (page 27).

SHIFT+b / SHIFT+#

Lowers/raises the pitch of a DVD/CD, USB backing track (page 27).

Cursor buttons

Use the cursor buttons (**↑/↓/←/→**) to navigate on-screen displays and menus.

ENTER

Selects an option or executes a command.

TUNE +/-

Tunes the radio.

ST +/-

Selects station presets when listening to the radio.

6 HOME MENU

Displays (or exits) the on-screen menu for Initial Settings, Play Mode functions, etc.

7 Sound controls**FRT. SURR/EXT PWR**

Switches on the Front Surround mode/ Extra Power mode (page 15).

MP3 EXP/V.ENH

Switches on the MP3 Expander mode/ Voice Enhancer mode (page 17).

SURROUND

Selects a Surround mode (page 15) or switches to stereo playback (page 16).

SOUND

Accesses the sound menu to adjust the SFC mode, bass and treble, etc. (page 16).

8 Playback controls

See *Basic playback controls* on page 12, *Disc playback features* on page 18 and *USB playback* on page 25 for an explanation of these controls.

9 TV CONTROL buttons

These control Pioneer flat screen TVs.

10 SHIFT

Press to access the controls highlighted in green.

11 ▲ OPEN/CLOSE

Opens/closes the disc tray.

12 PLAYLIST buttons

Add tracks (during playback), or select a playlist (while stopped) (page 20).

13 MENU

Press to display a DVD disc or USB menu, or the Navigator (page 13 and 26).

14 RETURN

Returns to a previous menu screen.

SHIFT+TEST TONE

Outputs the test tone (for speaker setup) (page 11).

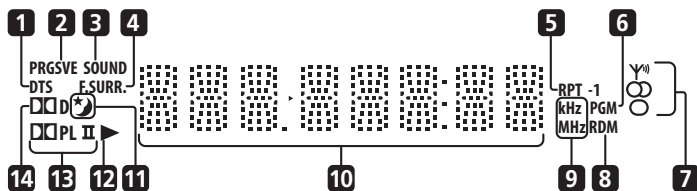
15 MUTE

Mutes the sound (press again to cancel).

16 VOLUME +/-

Adjusts the volume.

Display



1 DTS

Lights during playback of a DTS source (page 15).

2 PRGSVE

Lights when progressive scan video signal is given from the component video output terminal (page 35).

3 SOUND

Lights when the SFC modes, the tone controls (treble, bass or bass boost), MP3 Expander mode, Voice Enhancer mode are active (page 16, 17).

4 F.SURR.

Lights when the Extra Power mode/Front surround mode is selected (page 15).

5 RPT and RPT-1

RPT lights during repeat play. **RPT-1** lights during repeat one-track play (page 21).

6 PGM

Lights during program or playlist playback (page 20 and 22).

7 Tuner indicators

Y – Lights when a broadcast is being received.

∞ – Lights when a stereo FM broadcast is being received in auto stereo mode.

○ – Lights when FM mono reception is selected.

8 RDM

Lights during random play (page 21).

9 kHz/MHz

Indicates the frequency unit shown in the character display (**kHz** for AM, **MHz** for FM).

10 Character display

11 *

Lights when sleep timer is active (page 14).

12 ▶

Lights during playback.

13 PL II

Lights during Dolby Pro Logic II decoding (page 15).

14 D

Lights during playback of a Dolby Digital source (page 15).

Chapter 2

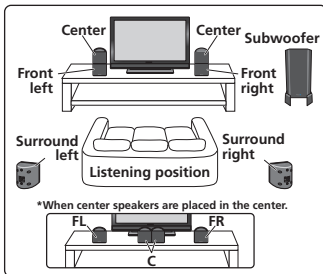
Getting started

Home theater sound setup

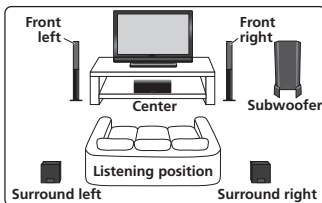
Place your speakers as shown below for optimal surround sound (see the Speaker Setup Guide for more placement tips).

- **Standard surround setup** – This is a standard multichannel surround sound speaker setup for optimal 5.1 channel home theater sound.

HTZ171DVD model speaker configuration¹:

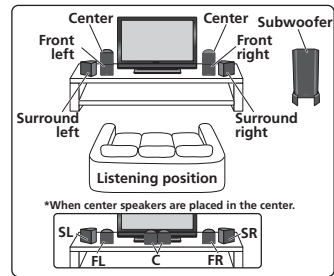


HTZ270DVD model speaker configuration²:

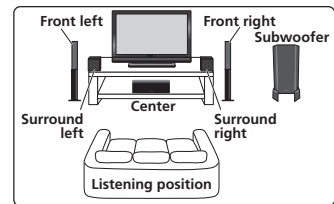


- **Front surround setup** – This setup is ideal when rear surround speaker placement isn't possible or you want to avoid running long speaker cables in your listening area. Use this setup together with the Front Surround modes in page 15.

HTZ171DVD model speaker configuration¹:



HTZ270DVD model speaker configuration²:



After placing your speakers, complete *Setting the channel levels* below then refer to *Speakers settings* on page 31 to complete your surround sound setup.

Note

¹ Since HTZ170DVD is equipped with only one center speaker, place the center speaker as shown in the above HTZ270DVD model speaker configuration.

² Note that for HTZ272DVD, the surround speakers are the same size as the front speakers.

Setting the channel levels

Set the relative channel levels from your main listening position.¹

1 Press **SHIFT+TEST TONE**.

The test tone is output in the following order (from the speakers active in the current listening mode):

- **L** – Front left speaker
- **C** – Center speaker
- **R** – Front right speaker
- **SR** – Right surround speaker
- **SL** – Left surround speaker
- **SW** – Subwoofer²

2 Use the **VOLUME +/-** button to adjust the volume to an appropriate level.

3 Use **↑/↓** to adjust the speaker levels in turn.

You should hear the test tone at the same volume from each speaker when seated in the main listening position. The channel level range is ± 10 dB.

4 When you're done, press **ENTER** to exit test tone setup.

Using the on-screen displays

For ease of use, this system makes extensive use of graphical on-screen displays (OSDs).

All the screens are navigated in basically the same way, using **↑, ↓, ←, →** to change the highlighted item and pressing **ENTER** to select it.³



Important

- Throughout this manual, 'Select' means use the cursor buttons to highlight an item on-screen, then press **ENTER**.

| Button | What it does |
|------------------|---|
| HOME MENU | Displays/exits the on-screen display |
| ← ↑ ↓ → | Changes the highlighted menu item |
| ENTER | Selects the highlighted menu item |
| RETURN | Returns to the main menu without saving changes |



Tip

- The button guide at the bottom of every OSD screen shows you which buttons you'll need to use for that screen.

Playing discs

The basic playback controls for playing DVD, CD, Video CD/Super VCD, DivX video/WMV and WMA/MP3/MPEG-4 AAC discs are covered here. Further functions are detailed in chapter 4.

1 If the player isn't already on, switch it on.

If you're playing a disc with video, also turn on your TV and make sure that it is set to the correct video input.

Note

- 1 • This is only available when **DVD/CD** is selected and playback is stopped. Also make sure headphones are unplugged.
 - To adjust the overall balance while listening to any sound source you want, press **SHIFT+SETUP**, use **←/→** to select **CH LEVEL** then press **ENTER**. Use **←/→** to switch between channels, and **↑/↓** to adjust the channel levels. Press **ENTER** when you're finished.
- 2 Since the subwoofer produces ultra-low frequencies its sound may seem quieter than it actually is.
- 3 The screen saver will appear after five minutes of inactivity.

2 Press ▲ OPEN/CLOSE to load a disc.

Load a disc with the label side facing up, using the disc tray guide to align the disc (if you're loading a double-sided DVD disc, load it with the side you want to play face down).



3 Press ► (play) to start playback.

If you're playing a DVD or Video CD/Super VCD, a menu may appear. See *DVD-Video disc menus* and *Video CD/Super VCD PBC menus* on page 13 to navigate these.

If you loaded a disc containing JPEGs, a slideshow will start. See *Playing a JPEG slideshow* on page 18 for more on this.

- If a disc contains a mixture of DivX video/WMV and other media file types (MP3, for example), first select whether to play the DivX video/WMV files (**DivX/WMV**) or the other media file types (**MP3/WMA/JPEG/MPEG-4 AAC**) from the on-screen display.

4 Adjust the volume.

Use the **VOLUME +/-** control.

Basic playback controls

The following table shows the basic controls on the remote for playing discs.¹ You can find other playback features in chapter 4.

| Button | What it does |
|--------|---|
| ▶ | Starts/resumes normal playback. <ul style="list-style-type: none"> • If the display shows RESUME or LAST MEM playback starts from the resume or last memory point (see <i>Resume and Last Memory</i> below). |
| | Pauses/unpauses a disc. |

Note

- ¹ You may find with some DVD discs that some playback controls don't work in certain parts of the disc.
- ² • The Resume and the Last Memory functions may not work with some discs.
 - For DVD-Video discs (except VR mode DVD-R/-RW), the player stores the play position of the last five discs.

| Button | What it does |
|---------|--|
| ■ | Stops playback or cancels the resume function (if the display shows RESUME). |
| ◀◀ | Press to start fast reverse scanning. |
| ▶▶ | Press to start fast forward scanning. |
| ◀◀ | Skips to the start of the current track or chapter, then previous tracks/chapters. |
| ▶▶ | Skips to the next track or chapter. |
| Numbers | Use to enter a title/chapter/track number. Press ENTER to select. <ul style="list-style-type: none"> • If the disc is stopped, playback starts from the selected title (for DVD) or track (for CD/Video CD/Super VCD). • If the disc is playing, playback jumps to the start of the selected title (VR mode DVD-R/-RW), chapter (DVD-Video) or track (CD/Video CD/Super VCD). |

Resume and Last Memory

When you stop playback of a disc, **RESUME** shows in the display indicating that you can resume playback from that point.

With DVDs and Video CD/Super VCDs, even if ejected, the play position is stored in memory.² The next time you load the disc, the display shows **LAST MEM** and you can resume playback.

If you want to clear the resume point, press ■ (stop) while **RESUME** is displayed.

DVD-Video disc menus

Many DVD-Video discs contain menus from which you can select what you want to watch.

Sometimes DVD-Video menus are displayed automatically when you start playback; others only appear when you press **MENU** or **TOP MENU**.

| Button | What it does |
|-----------------|---|
| TOP MENU | Displays the 'top menu' of a DVD disc — this varies with the disc. |
| MENU | Displays a DVD disc menu — this varies with the disc and may be the same as the 'top menu'. |
| ← ↑ ↓ → | Moves the cursor around the screen. |
| ENTER | Selects the current menu option. |
| RETURN | Returns to the previously displayed menu screen. |
| Numbers | Highlights a numbered menu option (some discs only). Press ENTER to select. |

Video CD/Super VCD PBC menus

Some Video CD/Super VCDs have menus from which you can choose what you want to watch. These are PBC (Playback control) menus.

You can play a PBC Video CD/Super VCD without having to navigate the PBC menu by starting playback using a number button to select a track, rather than the **▶** (play) button.

| Button | What it does |
|----------------|--|
| RETURN | Displays the PBC menu. |
| Numbers | Selects numbered menu options. Press ENTER to select. |
| ◀◀ | Displays the previous menu page (if there is one). |
| ▶▶ | Displays the next menu page (if there is one). |

Listening to the radio

The tuner can receive both FM and AM broadcasts, and lets you memorize your favorite stations so you don't have to manually tune in every time you want to listen.

1 Press TUNER to switch to the tuner, then press repeatedly to select the AM or FM band. The display shows the band and frequency.

2 Tune to a frequency.

There are three tuning modes — manual, auto, and high-speed:

- **Manual tuning:** Press **TUNE +/-** repeatedly to change the displayed frequency.
- **Auto tuning:** Press and hold **TUNE +/-** until the frequency display starts to move, then release. The tuner will stop on the next station it finds. Repeat to keep searching.
- **High-speed tuning:** Press and hold **TUNE +/-** until the frequency display starts to move rapidly. Keep the button held down until you reach the frequency you want. If necessary, fine tune the frequency using the manual tuning method.

Improving poor FM reception

If you're listening to an FM station in stereo but the reception is weak, you can improve the sound quality by switching to mono.

1 Tune to an FM radio station then press SHIFT+SETUP.

2 Use ◀/▶ to choose FM MODE then press ENTER.

3 Use ↑/↓ to select FM MONO then press ENTER.

The mono indicator (○) lights when the tuner is in mono reception mode.

Select **FM AUTO** above to switch back to auto-stereo mode (the stereo indicator (◐) lights when receiving a stereo broadcast).

Memorizing stations

You can save up to 30 station presets so that you always have easy access to your favorite stations without having to tune in manually each time.

1 Tune to an AM or FM radio station.

For the FM band, select mono or auto-stereo reception as necessary. This setting is saved along with the preset.

2 Press **SHIFT+SETUP** and use **←/→** to choose 'ST.MEM.' then press **ENTER**.

3 Use **↑/↓** to select the station preset you want then press **ENTER**.

Listening to station presets

1 Make sure the **TUNER** function is selected.

2 Use the **ST +/-** buttons to select a station preset.

- You can also use the number buttons to do this.

Listening to other sources

You can connect auxiliary sources (TV, satellite receiver, etc.) to this unit for playback through the speaker system. See *Connecting auxiliary audio components* on page 34 for more on this.

- To connect a USB device to the USB terminal, see *USB playback* on page 25.

1 Make sure that the external source (**TV, satellite receiver, etc.**) is switched on.

2 Press **LINE** to select the source.

3 If necessary, start playback of the source.

Setting the sleep timer

The sleep timer switches off the system after about an hour so you can fall asleep without worrying about it.¹

• Press **SHIFT+SLEEP** repeatedly to select an option then press **ENTER**.

Choose between the following options:

- SLP ON** – Switches off after about an hour
- SLP OFF** – Cancels the sleep timer

After selecting **SLP ON**, you can press **SHIFT+SLEEP** again to check how much time is left. Each line indicates approximately 12 minutes (remaining):



Note

¹ The display dims when the sleep timer is set.

Chapter 3

Listening to your system

Auto listening mode

The Auto listening mode is the simplest way to listen to any source as it was mastered: the output from the speakers mirrors the channels in the source material.

- Press **SURROUND** to select the **AUTO** listening mode.¹

Listening in surround sound

You can listen to stereo or multichannel sources in surround sound.² Surround sound is generated from stereo sources using one of the Dolby Pro Logic decoding modes.

- Press **SURROUND** repeatedly to select a listening mode.¹

The choices that appear in the display will vary according to the type of source that's playing.

- **AUTO** – Auto listening mode (see above)
- **DOLBY PL** (Dolby Pro Logic) – 4.1 channel surround sound (use with any two-channel source)
- **MOVIE** (Dolby Pro Logic II Movie) – Pro Logic II 5.1 channel surround sound, especially suited to movie sources (use with any two-channel source)
- **MUSIC** (Dolby Pro Logic II Music) – Pro Logic II 5.1 channel surround sound, especially suited to music sources (use with any two-channel source)
- **STEREO** – See *Listening in stereo* below

Using Front Surround

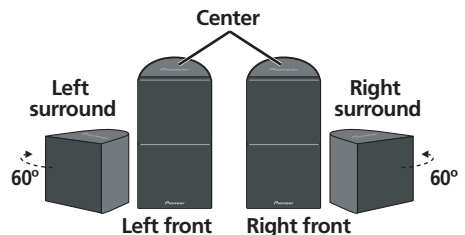
The Front Surround mode and Extra Power mode are effective when **DVD/CD** or **USB** is selected as the input source and you are using the Front surround speaker setup as described in *Home theater sound setup* on page 10.

- Press **FRT. SURR/EXT PWR** repeatedly to select a front surround mode.
- **FRT. SURR** – Use to provide rich surround sound effect.
- **EXT POWER** – Outputs stereo sound (in the case of multi-channel sources, down-mixed stereo sound) from the surround speakers for powerful stereo effect.
- **OFF** – Switches the Front Surround mode/Extra Power mode off.

Using the Front Surround mode

The surround speakers should be placed *beside* the front speakers and oriented (about 60°) towards the walls.

Illustration shows HTZ171DVD model:



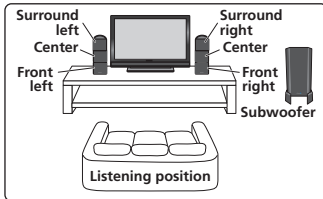
Note

- 1 If the source is Dolby Digital or DTS, the corresponding indicator lights in the front panel display.
- 2 Note that the input source must be switched to **DVD/CD** or **USB** for multichannel playback.

Using the Extra Power mode

The Extra Power mode uses the Front surround setup as described in *Home theater sound setup* on page 10, but the surround speakers and center speakers should be pointed in the same direction as the front speakers (towards the listening position).¹

Illustration shows HTZ171DVD model:



Listening in stereo

You can listen to any source — stereo or multichannel — in stereo. When playing a multichannel source, all channels are downmixed to the front left/right speakers and the subwoofer.

- Press **SURROUND** repeatedly until **STEREO** shows in the display.

Listening with headphones

When headphones are connected, only the **STEREO** mode is available.²

Adjusting the bass and treble

Use the bass and treble controls to adjust the overall tone.

- 1 Press **SOUND**.
- 2 Use **←/→** to select **BASS** or **TREBLE** then press **ENTER**.
- 3 Use **↑/↓** to adjust the sound then press **ENTER** to confirm.

Using the SFC modes

The SFC (Sound Field Control) modes can be used with any multichannel or stereo source for a variety of additional surround sound effects.

- 1 Press **SOUND**.
- 2 Use **←/→** to select **SFC MODE** then press **ENTER**.
- 3 Press **↑/↓** then **ENTER** to select an **SFC Sound mode**.
Select between **OFF**, **LIVE**, **HALL**, **POP**, **ROCK**, **DRAMA** or **ACTION**.

Boosting the bass level

There are two bass modes you can use to enhance the bass in a source.

- 1 Press **SOUND**.
- 2 Use **←/→** to select **BASSMODE** then press **ENTER**.
- 3 Use **↑/↓** to adjust the sound then press **ENTER** to confirm.
Select between **OFF**, **MUSIC** or **CINEMA**.

Note

- 1 • When the Extra Power mode is on, most sound features cannot be used. The display will briefly blink **EXTRAPWR** if you try to use a prohibited function while the Extra Power mode is on.
 - Note that you cannot use Extra Power mode when using headphones. If you press **FRT. SURR/EXT PWR** when headphones are connected, a **CANNOT** error message appears on the front panel display.
 - When the Extra Power mode is on, make sure to follow the Setup Guide for best sound.
 - When the Extra Power mode is off, the listening mode is automatically set to **AUTO**.
- 2 When you disconnect the headphones, the system reverts to the previous surround setting mode.

Using the MP3 Expander

Reproduce the comfortable sound for compressed music (MP3, WMA, MPEG-4 AAC)

- Press **MP3 EXP/V.ENH** repeatedly to select **MP3 EXP**.¹

Using the Voice Enhancer mode

This mode is used for easy listening to the spoken lines of the movies or dialogs.

- Press **MP3 EXP/V.ENH** repeatedly to select **VOICE.E**.²

Note

- 1 • *Not applicable to the HTZ171DVD model* - This mode is effective for 2 channel source only.
 - When turned on, the SFC mode will be turned off.
- 2 • When turned on, the SFC mode will be turned off.
 - *Not applicable to the HTZ171DVD model* - For multichannel DVD disc only.

Chapter 4

Disc playback features



Important

- Many of the functions covered in this chapter apply to DVD discs, Video CDs/Super VCDs, CDs, DivX video/WMV and WMA/MP3/MPEG-4 AAC/JPEG discs, although the exact operation of some varies slightly with the kind of disc loaded.
- Some DVDs restrict the use of some functions (random or repeat, for example) in some or all parts of the disc. This is not a malfunction.
- When playing Video CD/Super VCDs, some of the functions are not available during PBC playback. If you want to use them, start the disc playing using a number button to select a track.

Scanning discs

You can fast-scan discs forward or backward at various different speeds.¹

- **During playback, press ◀◀ or ▶▶ to start scanning.**

Press repeatedly to increase the scanning speed (shown on-screen).

- To resume playback, press ▶ (play).²

Playing in slow motion

You can play DVDs, Video CD/Super VCDs and DivX video/WMV at four different forward slow motion speeds. DVD discs can also be played in reverse slow motion.

Note

¹ Only one speed is available for DivX video/WMV discs.

² Depending on the disc, normal playback may automatically resume when a new chapter is reached on a DVD disc.

• For Video CDs/Super VCDs in PBC mode and WMA/MP3/MPEG-4 AAC tracks (in Scan mode only) normal playback resumes when you reach the beginning or the end of track.

³ The time it takes for the player to load a file increases with large file sizes.

• Discs can contain up to 299 folders and up to 648 folders and files combined.

- 1 **During playback, press II (pause).**

- 2 **Press and hold ◀I/◀II or II▶/I▶ until slow motion playback starts.**

Press repeatedly to change the slow motion speed (shown on-screen).

- To resume playback, press ▶ (play).²

Frame advance/frame reverse

You can advance or back up DVD discs frame-by-frame. With Video CD/Super VCDs and DivX video/WMV you can only use frame advance.

- 1 **During playback, press II (pause).**

- 2 **Press ◀I/◀II or II▶/I▶ to reverse or advance a frame at a time.**

- To resume playback, press ▶ (play).²

Playing a JPEG slideshow

After loading a disc containing JPEG pictures, press ▶ to start a slideshow from the first folder/picture on the disc.³ The player displays the pictures in each folder in alphabetical order.

- If the disc contains WMA/MP3/MPEG-4 AAC files, playback of the slideshow and audio files repeats. During audio playback, you can still use the skip (I◀◀/▶▶I), scan (◀◀/▶▶) and pause (II) functions.

Pictures are automatically adjusted so that they fill as much of the screen as possible.

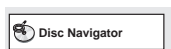
While the slideshow is running:

| Button | What it does |
|------------|---|
| | Pauses the slideshow (or audio); press again to restart. |
| ⏮ | Jumps to the previous picture (or audio file with audio playback). |
| ⏭ | Jumps to the next picture (or audio file with audio playback). |
| ⏪/⏩/⏴/⏵ | Pauses the slideshow and rotates/flips the displayed picture (Press ▶ (play) to restart slideshow). |
| SHIFT+ZOOM | Pauses the slideshow and zooms the picture. Press again to toggle between 1x, 2x and 4x zoom (Press ▶ (play) to restart slideshow). |
| MENU | Displays the Disc Navigator screen (see below). |

Browsing DVD or Video CD/ Super VCD discs with the Disc Navigator

Use the Disc Navigator to browse through the contents of a DVD or Video CD/Super VCD disc to find the part you want to play.

1 During playback, press HOME MENU and select 'Disc Navigator' from the on-screen menu.



2 Select a view option.



The options available depend on the kind of disc loaded and whether the disc is playing or not, but include:

- **Title** – Titles from a DVD-Video disc.
- **Chapter** – Chapters from the current title of a DVD-Video disc.
- **Track** – Tracks from a Video CD/Super VCD disc.
- **Time** – Thumbnails from a Video CD/Super VCD disc at 10 minute intervals.
- **Original: Title** – Original titles from a VR mode DVD-R/-RW disc.
- **Playlist: Title** – Playlist titles from a VR mode DVD-R/-RW disc.
- **Original: Time** – Thumbnails from the Original content at 10 minute intervals.
- **Playlist: Time** – Thumbnails from the Playlist at 10 minute intervals.

The screen shows up to six moving thumbnail images displayed one after another. To display the previous/next six thumbnails, press ⏮/⏭.

3 Select the thumbnail image for what you want to play.



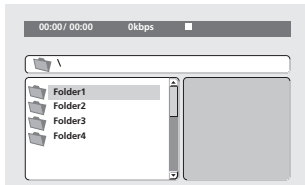
You can use either ⏴/⏵/⏪/⏩ and **ENTER** to select a thumbnail, or the number buttons.

To select using the number buttons, enter a two-digit number then press **ENTER**.

Browsing Windows Media™ Audio (WMA), MP3, MPEG-4 AAC, DivX video/WMV and JPEG files with the Disc Navigator

Use the Disc Navigator to find a particular file or folder by filename.

1 Press HOME MENU and select 'Disc Navigator' from the on-screen menu.



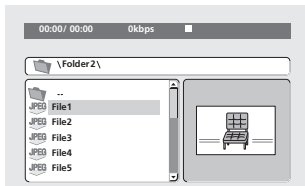
2 Use ↑/↓/←/→ and ENTER to navigate.

Use ↑/↓ to move up and down the folder/file list.

Use ← to return to the parent folder.¹

Use ENTER or → to open a highlighted folder.

- When a JPEG file is highlighted, a thumbnail image is displayed on the right.



3 To play the highlighted track or DivX video/WMV file or display the highlighted JPEG file, press ENTER.

- When a WMA/MP3/MPEG-4 AAC or DivX video/WMV file is selected, playback begins from that file, and continues until the end of the folder.

- When a JPEG file is selected, a slideshow begins, starting with that file, and continues to the end of the folder.



Tip

- You can also play a JPEG slideshow while listening to WMA/MP3/MPEG-4 AAC playback. Simply select the audio file you want to listen to followed by the JPEG from which you want the slideshow to start. Playback of both the slideshow and the audio files repeats. Playback controls are effective for the JPEG slideshow only.
- To play the contents of the whole disc rather than just the current folder, exit the Disc Navigator and start playback using the ► (play) button.

Using Playlists

With this feature, you can make up to three playlists of 30 files each for discs containing WMA, MP3, MPEG-4 AAC and JPEG files.

Since this unit will remember all playlists for the last ten discs you have loaded, this is useful if you have a large number of files that you want to organize quickly and easily.²

Programming playlists

1 With the disc stopped, press HOME MENU and select 'Disc Navigator' from the on-screen menu.

2 Select the file you want to add to the playlist.

See *Browsing Windows Media™ Audio (WMA), MP3, MPEG-4 AAC, DivX video/WMV and JPEG files with the Disc Navigator* above if you don't know how to do this.

3 Press PLAYLIST 1, 2 or 3.

The file is added to the playlist you select.

Note

¹ You can also do this by going to the '..' folder at the top, then pressing ENTER.

² The disc must be loaded for the files in your playlist to play back.

4 Repeat steps 2 and 3 until you're done.



Tip

- To add files without the on-screen display, simply press **PLAYLIST 1, 2** or **3** during normal playback of the file you want (except when a JPEG slideshow is playing at the same time as audio).

Listening to playlists

- With playback stopped, press **PLAYLIST 1, 2** or **3**.

During playback, **PGM** lights in the front panel display. If no playlist has been programmed, **NO LIST** shows in the display.

- If the playlist contains both JPEG and audio files, playback of the slideshow and audio files starts.

Clearing files from a playlist

- Start playback of your playlist.
- From the 'Disc Navigator' screen, highlight the file you want to remove from the playlist and press **CLEAR**.

Looping a section of a disc

The A-B Repeat function allows you to specify two points (A and B) within a track (CD, Video CD/Super Video CD) or title (DVD) that form a loop which is played over and over.

- During playback, press **HOME MENU** and select 'Play Mode'.



- Select 'A-B Repeat'.

- Press **ENTER** on 'A(Start Point)' to set the loop start point.

- Press **ENTER** on 'B(End Point)' to set the loop end point.

After pressing **ENTER**, playback jumps back to the start point and plays the loop.

- To resume normal playback, select 'Off'.

Using repeat play

In addition to various repeat play options, it's also possible to use repeat play together with program play (see *Creating a program list* on page 22).

- During playback, press **HOME MENU** and select 'Play Mode'.

- Select 'Repeat' then select a repeat play option.¹

If program play is active, select **Program Repeat** to repeat the program list, or **Repeat Off** to cancel.

- For DVD discs, select **Title Repeat** or **Chapter Repeat**.
- For CDs and Video CD/Super VCDs, select **Disc Repeat** or **Track Repeat**.
- For DivX video/WMV discs, select **Title Repeat** (or **Repeat Off**).

Using random play

Use this function to play titles or chapters (DVD-Video) or tracks (CD and Video CD/Super VCD) in a random order.²

- During playback, press **HOME MENU** and select 'Play Mode'.

Note

¹ You can't use repeat play with WMA/MP3/MPEG-4 AAC discs.

² You can set the random play option when a disc is playing or stopped. However, you can't use random play together with program play.

You can't use random play with VR format DVD-R/-RW discs, WMA/MP3/MPEG-4 AAC discs, DivX video/WMV discs, or while a DVD disc menu is being displayed.

2 Select 'Random' then select an option.

- For DVD discs, select **Random Title** or **Random Chapter**.
- For CDs and Video CD/Super VCDs, select **On** or **Off** to switch random play on or off.



Tip

- Use the following controls during random play:

| Button | What it does |
|--------|---|
| ▶▶ | Selects a new track/title/chapter at random. |
| ◀◀ | Returns to the beginning of the current track/title/chapter; further presses select another random track/title/chapter. |

- Random play remains in effect until you select **Random Off** from the random play menu options.

Creating a program list

This feature lets you program the play order of titles/chapters/tracks on a disc.¹

1 During playback, press HOME MENU and select 'Play Mode'.

2 Select 'Program' then select 'Create/Edit' from the list of program options.

3 Use ↑/↓/←/→ and ENTER to select a title, chapter or track for the current step in the program list.

For a DVD disc, you can add a title or a chapter.

- For a CD or Video CD/Super VCD, select a track to add to the program list.

After pressing **ENTER** to select the title/chapter/track, the step number automatically moves down one.

4 Repeat step 3 to build up a program list.

A program list can contain up to 24 steps.

- You can insert steps by just highlighting the position where you want the new step to appear and entering a title/chapter/track number.
- To delete a step, highlight it and press **CLEAR**.

5 To play the program list, press ▶ (play).

Program play remains active until you turn off program play (see below), erase the program list (see below), eject the disc or switch off.



Tip

- Use the following controls during program play:

| Button | What it does |
|-----------|---|
| HOME MENU | Save the program list and exit without starting playback. |
| ▶▶ | Skip to the next step in the program list. |

Other functions available from the program menu

There are a number of other options in the program menu in addition to Create/Edit.

- **Playback Start** – Starts playback of a saved program list
- **Playback Stop** – Turns off program play, but does not erase the program list
- **Program Delete** – Erases the program list and turns off program play

Note

¹ You can't use Program play with VR format DVD-R/-RW discs, WMA/MP3/MPEG-4 AAC discs, DivX video/WMV discs, or while a DVD disc menu is being displayed.

Searching a disc

You can search DVD discs by title or chapter number, or by time; CDs and Video CD/Super VCDs by track number or time; DivX video/WMV discs by time.

1 Press HOME MENU and select 'Play Mode'.

2 Select 'Search Mode'.

The search options that appear depend on the kind of disc loaded.

3 Select a search mode.

- The disc must be playing in order to use time search.

4 Use the number buttons to enter a title, chapter or track number, or a time.

- For a time search, enter the number of minutes and seconds into the currently playing title (DVD/DivX video/WMV) or track (CD/Video CD/Super VCD) you want playback to resume from. For example, press **4, 5, 0, 0** to have playback start from 45 minutes into the disc. For 1 hour, 20 minutes and 30 seconds, press **8, 0, 3, 0**.

5 Press ENTER to start playback.

Switching subtitles

Some DVD discs and DivX video discs have subtitles in one or more languages; the disc box will usually tell you which subtitle languages are available. You can switch subtitle language during playback.¹

• **Press SHIFT+SUBTITLE repeatedly to select a subtitle option.**

- To set subtitle preferences, see *Language settings* on page 30.

- See *Displaying DivX subtitle files* on page 38 for more on DivX subtitles.

Switching language/audio channels

When playing discs recorded with dialogue in two or more languages, or with dual-mono audio² you can switch these during playback.³

• **Press SHIFT+AUDIO repeatedly to select an audio language option.**

- To set audio language preferences, see *Language settings* on page 30.

Note

¹ Some discs only allow you to change subtitle language from the disc menu. Press **TOP MENU** or **MENU** to access.

² Some Super VCDs have two soundtracks. With these discs you can switch between the two soundtracks as well as individual channels in each.

³ Some discs only allow you to change audio language from the disc menu. Press **TOP MENU** or **MENU** to access.

Zooming the screen

Using the zoom feature you can magnify a part of the screen by a factor of 2 or 4, while watching a DVD, DivX video/WMV title or Video CD/Super VCD or playing a JPEG disc.


1 During playback, press SHIFT+ZOOM to select the zoom factor (Normal, 2x or 4x).

2 Use ↑/↓/←/→ to change the zoomed area.

You can change the zoom factor and the zoomed area freely during playback.¹

Switching camera angles

Some DVD discs feature scenes shot from two or more angles — check the disc box for details.

When a multi-angle scene is playing, a  icon appears on screen (this can be switched off if you prefer — see *Display settings* on page 31).

- **During playback (or when paused), press SHIFT+ANGLE to switch angle.**

Displaying disc information

Various track, chapter and title information can be displayed on-screen during playback.

- **To show/switch/hide the information displayed, press DISPLAY repeatedly.**

Limited disc information also appears in the front panel display. Press **DISPLAY** to change the displayed information.

Note

¹ • Since DVD, Video CD/Super VCD, DivX video/WMV title and JPEG pictures have a fixed resolution, picture quality will deteriorate, especially at 4x zoom. This is not a malfunction.

- If the navigation square at the top of the screen disappears, press **SHIFT+ZOOM** again to display it.

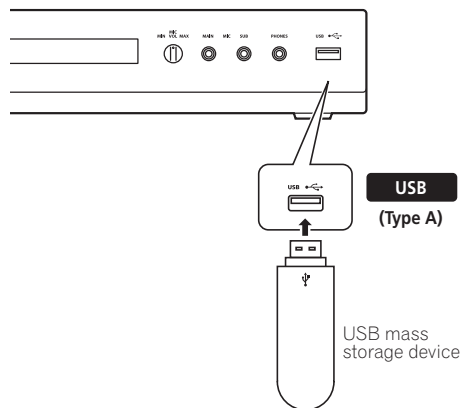
Chapter 5

USB playback

Using the USB interface

It is possible to listen to two-channel audio¹ and watch JPEG files using the USB interface on the front of this unit. Connect a USB mass storage device² as shown below.

- 1 With the player switched on, press USB.**
Make sure your TV is on and set to the correct video input.
- 2 Connect your USB device.**
The USB terminal is located on the front panel.



3 Press ► (play) to start playback.

If your USB device contains JPEGs, a slideshow will start. See *Playing a JPEG slideshow* on page 26 for more on this.

- Make sure **USB DATA** is showing in the front panel display (or the system is in standby) when disconnecting.

Important

If a **USB ERR** message lights in the display, it may mean that the power requirements of the USB device are too high for this player, or that the device is incompatible. Try the following:

- Switch the player off, then on again.
- Reconnecting the USB device with the player switched off.
- Selecting to another input source (like **DVD/CD**), then back to **USB**.
- Using a dedicated AC adapter (supplied with the device) for USB power.

If this doesn't remedy the problem, it is likely your USB device is incompatible.

Basic playback controls

The following table shows the basic controls on the remote for USB playback.

| Button | What it does |
|--------|--|
| ► | Starts normal playback. |
| | Pauses/unpauses playback. |
| ■ | Stops playback. |
| ◀◀ | Press to start fast reverse scanning. |
| ▶▶ | Press to start fast forward scanning. |
| ◀◀ | Skips to the start of the current file, then previous files. |
| ▶▶ | Skips to the next file. |

Note

- ¹ This includes playback of WMA/MP3/MPEG-4 AAC files (except files with copy-protection or restricted playback).
- ² • Compatible USB devices include external magnetic hard drives, portable flash memory (particularly keydrives) and digital audio players (MP3 players) of format FAT16/32. It is not possible to connect this unit to a personal computer for USB playback.
 - Pioneer cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this unit.
 - With large amounts of data, it may take longer for the system to read the contents of a USB device.

Scanning files

You can fast-scan forward or backward at various different speeds.

- **During playback, press ◀◀ or ▶▶ to start scanning.**

Press repeatedly to increase the scanning speed (shown on-screen).

- To resume playback, press ▶ (play).¹

Playing a JPEG slideshow

Press ▶ to start a slideshow from the first folder/picture.² The pictures in each folder are displayed in order.

- If the device contains WMA/MP3/MPEG-4 AAC files, playback of the slideshow and audio files repeats. During audio playback, you can still use the skip (◀◀/▶▶), scan (◀◀/▶▶) and pause (||) functions.

Pictures are automatically adjusted so that they fill as much of the screen as possible.

While the slideshow is running:

| Button | What it does |
|------------|--|
| | Pauses the slideshow (or audio); press again to restart. |
| ◀◀ | Jumps to the previous picture (or audio file with audio playback). |
| ▶▶ | Jumps to the next picture (or audio file with audio playback). |
| ◀/→/↑/↓ | Pauses the slideshow and rotates/flips the current picture (Press ▶ to restart slideshow). |
| SHIFT+ZOOM | Pauses the slideshow and zooms the picture. Press again to toggle between 1x, 2x and 4x zoom (Press ▶ to restart slideshow). |

Note

¹ With WMA/MP3/MPEG-4 AAC tracks, playback automatically resumes at the end or beginning of the track.

² • The time it takes for the player to load a file increases with large file sizes.

• USB devices can contain up to 299 folders and up to 648 folders and files combined.

³ Filenames may be displayed incorrectly with some digital audio players.

⁴ You can also do this by going to the '..' folder at the top, then pressing ENTER.

| Button | What it does |
|--------|--|
| MENU | Displays the Navigator screen (see below). |

Browsing files with the Navigator

Use the Navigator to find WMA, MP3, MPEG-4 AAC and JPEG files or folders by name.³

1 Press MENU.

2 Use ↑/↓/←/→ and ENTER to navigate.

Use ↑/↓ to move up/down the folder/file list.

Use ← to return to the parent folder.⁴

Use ENTER or → to open a highlighted folder.

- When a JPEG file is highlighted, a thumbnail image is displayed on the right.

3 To play the highlighted track or display the highlighted JPEG file, press ENTER.

- When a WMA/MP3/MPEG-4 AAC file is selected, playback begins from that file, and continues until the end of the folder.
- When a JPEG file is selected, a slideshow begins, starting with that file, and continues to the end of the folder.



Tip

- You can also play a JPEG slideshow while listening to WMA/MP3/MPEG-4 AAC playback. Simply select the audio file you want to listen to followed by the JPEG from which you want the slideshow to start. Playback of both the slideshow and the audio files repeats. Playback controls are effective for the JPEG slideshow only.
- To play all of the contents, rather than just the current folder, exit the Navigator and start playback using the ▶ (play) button.

Chapter 6

Singing karaoke

Singing karaoke

Using the karaoke features you can plug in a microphone and mix the sound of your own voice with a backing track.¹ You can select a backing track from audio sources such as CDs, DVDs, VCDs or USB devices. Adjust the microphone level relative to the backing track.



1 Set the MIC VOL knob (front panel) to minimum.

2 Plug in the microphone(s).

If you're only using one mic, plug it into the **MIC (MAIN)** jack. The **MIC (SUB)** jack can be used only if **MIC (MAIN)** is also connected.

- If the microphone has an on/off switch, make sure it's on.

3 Load a karaoke backing disc.

You can also use tracks on a USB device as source material for a backing track.

4 Adjust KARAOKE Mode settings.

- Press **SHIFT+KARAOKE** to turn **KARAOKE mode on or off for discs that have vocals on both Left and Right channels:**

KARAOKE (Vocal Fade) – Vocals in the backing track are partially eliminated.

OFF (default) – Switches the Karaoke mode off.

- Press **SHIFT+AUDIO** to switch between audio channels (except Data discs and USB sources) with discs that have vocal tracks on only one channel:

Left – Left channel only. Use for tracks that have a vocal recorded in the right channel.

Right – Right channel only. Use for tracks that have a vocal recorded in the left channel.

STEREO – Switches the Karaoke mode off.

5 Play the backing track.

6 Adjust the MIC VOL knob to get the sound you want.

To avoid unpleasant feedback, make sure you don't point the microphone(s) at the speakers.²

Changing the vocal mix

Adding some effects to the microphone mix can sometimes improve the overall sound.³ You can choose between three echo levels.

- To add effects to the microphone mix, press **SHIFT+ECHO**.

Pressing repeatedly switches between echo levels 1 to 3 and off.

Changing the backing track

You may want to lower or raise the pitch of the backing track to match your vocal range.⁴

- Press **SHIFT+b** or **SHIFT+#** to lower or raise the pitch of the backing track.

Note

1 • These features are only possible when a microphone is connected. If you try to use **SHIFT+KARAOKE**, **SHIFT+ECHO**, **SHIFT+b**, or **SHIFT+#** when no mic is connected, a **NO MIC** error message is displayed. Also note that during DVD playback, when you connect a mic sound settings are automatically switched to **STEREO** playback and the player downmixes multichannel sources to 2.1 channels.

- These features are only available with the **DVD/CD** or **USB** input functions.

2 Depending on the microphone level, the sound of the disc may distort. If this happens, turn down the volume.

3 You cannot adjust SFC modes, tone controls (bass, treble, and bass boost), Extra Power mode, Front Surround mode, MP3 Expander mode or Voice Enhancer mode when a microphone is plugged in.

4 This feature is not compatible with DTS signals.

Chapter 7

Audio Settings and Video Adjust menus

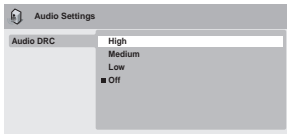
Audio Settings menu

The Audio Settings menu offers features for adjusting the way discs sound.

1 Press HOME MENU and select 'Audio Settings' from the on-screen display.



2 Select and change settings using ↑/↓/←/→ and ENTER.



Audio DRC

- Settings: **High, Medium, Low, Off** (default)

When watching Dolby Digital DVDs at low volume, it's easy to lose the quieter sounds completely — including some of the dialog. Switching Audio DRC (Dynamic Range Control) to on can help by bringing up the quieter sounds, while controlling loud peaks.

How much of a difference you hear depends on the material you're listening to. If the material doesn't have wide variations in volume, you may not notice much change.¹

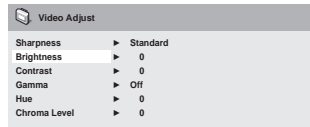
Video Adjust menu

From the Video Adjust screen you can adjust settings that affect picture presentation.

1 Press HOME MENU and select 'Video Adjust' from the on-screen display.



2 Make settings using ↑/↓/←/→ and ENTER.



You can adjust the following settings:

- **Sharpness** – Adjusts the sharpness of edges in the picture (**Fine, Standard, Soft**)
- **Brightness** – Adjusts the overall brightness (**-20 to +20**)
- **Contrast** – Adjusts the contrast between light and dark (**-16 to +16**)
- **Gamma** – Adjusts the 'warmth' of the picture (**High, Medium, Low, Off**)
- **Hue** – Adjusts the red/green balance (**Green 9 to Red 9**)
- **Chroma Level** – Adjusts how saturated colors appear (**-9 to +9**)

Adjust the Brightness, Contrast, Hue and Chroma Level settings using ←/→.



3 Press ENTER to return to the Video Adjust screen, or HOME MENU to exit.

Note

¹ Audio DRC is only effective with Dolby Digital audio sources.

Chapter 8

Initial Settings menu

Using the Initial Settings menu

The Initial Settings menu provides audio and video output settings, parental lock settings, and display settings, among others.

If an option is grayed out it means that it cannot be changed at the current time. This is usually because a disc is playing. Stop the disc, then change the setting.

- 1 Press DVD/CD.
- 2 With playback stopped, press HOME MENU and select 'Initial Settings'.



- 3 Use ↑/↓/←/→ and ENTER to select the setting and option you want to set.

All the settings and options are explained on the following pages.¹

Video Output settings

| Setting | Option | What it means |
|---|-----------------------------|--|
| TV Screen (See also <i>Screen sizes and disc formats</i> on page 41.) | 4:3 (Letter Box) | Set if you have a conventional 4:3 TV. Widescreen movies are shown with black bars top and bottom. |
| | <i>4:3 (Pan & Scan)</i> | Set if you have a conventional 4:3 TV. Widescreen movies are shown with the sides cropped so that the image fills the screen. |
| | <i>16:9 (Wide)</i> | Set if you have a widescreen TV. |
| | <i>16:9 (Compressed)</i> | Set if you have a widescreen TV. 4:3 material is shown with black bars on either side of the screen. ² |
| Component Out (See also <i>Connecting using the component video output</i> on page 35.) | Interlace | Set if your TV is not compatible with progressive scan video. |
| | <i>Progressive</i> | Set if your TV is compatible with progressive scan video (see your TV's instruction manual for details). Press ENTER once more to confirm (or RETURN to cancel). <i>Note that progressive scan video is only output from the component video jacks.</i> |

Note

¹ • In the table, the default setting is shown in **bold**; other settings are shown in *italics*.
• Some settings, such as **TV Screen**, **Audio Language** and **Subtitle Language** may be overridden by the DVD disc. Often these settings can also be made from the DVD disc menu.

• The **HDMI Resolution** and **HDMI Color** settings only need to be set if you connected this player to an HDMI-compatible component using the HDMI connector.

² This setting can only be used when you are connected via HDMI and have the HDMI resolution set to 1920x1080p, 1920x1080i or 1280x720p. When using this setting, only the HDMI connection is available.

| Setting | Option | What it means |
|---|--|--|
| HDMI Resolution* (See <i>Connecting using HDMI</i> on page 35.) * Default changes with TV format (PAL/NTSC). | 1920x1080p | Set if your TV supports 1920 x 1080 pixel progressive-scan video. |
| | 1920x1080i | Set if your TV supports 1920 x 1080 pixel interlace video. |
| | 1280x720p | Set if your TV supports 1280 x 720 pixel progressive-scan video. |
| | 720x480p (NTSC)/ 720x576p (PAL) | Set if your TV supports 720 x 480 (NTSC)/720 x 576 (PAL) pixel progressive-scan video. |
| HDMI Color* (See <i>Connecting using HDMI</i> on page 35.) * Default changes depending on device connected. | 720x480i (NTSC)/ 720x576i (PAL) | Set if your TV supports 720 x 480 (NTSC)/720 x 576 (PAL) pixel interlace video. |
| | Full range RGB | If colors are weak, this gives brighter colors and deeper black (default setting for HDMI-compatible DVI devices). |
| | RGB | Use this setting if colors appear overly rich on the Full Range RGB setting. |
| | Component | Outputs 8-bit component video format (default setting for HDMI-compatible devices). |

Language settings

| Setting | Option | What it means |
|--------------------------|--|---|
| Audio Language | English / <i>English (Taiwanese model)</i> | If there is an English soundtrack on the disc, it is played. |
| | <i>Languages as displayed</i> / Chinese (<i>Taiwanese model</i>) | If there is a language selected (or <i>Chinese</i> for the Taiwanese model) on the disc, it is played. |
| | <i>Other Language</i> | Select to choose a language other than the ones displayed (see <i>Using the language code list</i> on page 47). |
| Subtitle Language | English / <i>English (Taiwanese model)</i> | If there are English subtitles on the disc they are displayed. |
| | <i>Languages as displayed</i> / Chinese (<i>Taiwanese model</i>) | The subtitle language selected (or <i>Chinese</i> for the Taiwanese model) on the disc is displayed. |
| | <i>Other Language</i> | Select to choose a language other than the ones displayed (see <i>Using the language code list</i> on page 47). |
| DVD Menu Language | w/Subtitle Lang. | DVD disc menus are displayed in the same language as your selected subtitle language, if possible. |
| | <i>Languages as displayed</i> | DVD menus are displayed in the selected language, if possible. |
| | <i>Other Language</i> | Select to choose a language other than the ones displayed (see <i>Using the language code list</i> on page 47). |
| Subtitle Display | On | Subtitles are displayed in your selected subtitle language. |
| | <i>Off</i> | Subtitles are always off by default when you play a DVD disc. |

Display settings

| Setting | Option | What it means |
|-----------------|--|---|
| OSD Language | English / English (Taiwanese model) | On-screen displays are shown in English. |
| | Languages as displayed / 中文 (Taiwanese model) | On-screen displays are shown in the language selected (or Chinese for the Taiwanese model). |
| Angle Indicator | On | A camera icon is displayed on-screen during multi-angle scenes on a DVD disc. |
| | Off | No multi-angle indication is shown. |

Options settings

| Setting | Option | What it means |
|---------------|---------|---|
| Parental Lock | – | See <i>Parental Lock</i> below. |
| DivX(R) VOD | Display | See <i>About DivX® VOD content</i> below. |

Speakers settings

| Setting | Option | What it means |
|------------------|--------|--|
| Speaker Distance | – | Specify the distance of your speakers from your listening position (see <i>Speaker Distance</i> on page 33). |

Parental Lock

- Default level: **Off**; Default password: *none*;
Default Country/Area code: **us (2119)**

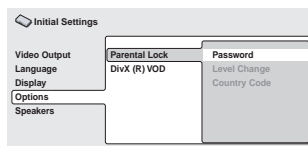
To give you some control over what your children watch on your DVD player, some DVD-Video discs feature a Parental Lock level. If your player is set to a lower level than the disc, the disc won't play.

Some discs also support the Country/Area Code feature. The player does not play certain scenes on these discs, depending on the Country/Area Code you set.

Registering a new password

Register a password to change the Parental Lock level or enter a Country/Area code.¹

1 Select 'Password'.



2 Use the number buttons to input a four-digit password then press ENTER.

Changing your password

To change your password, confirm your existing password then enter a new one.

1 Select 'Password Change', input your existing password, then press ENTER.

2 Enter a new password and press ENTER.

Note

- Not all discs use Parental Lock, and will play without requiring the password.
 - If you forget your password, you'll need to reset the player to register a new password (see *Resetting the system* on page 47).

Setting/changing the Parental Lock

- 1 Select 'Level Change'.
- 2 Use number buttons to enter your password, then press ENTER.
- 3 Select a new level and press ENTER.
 - Press ← repeatedly to lock more levels (more discs will require the password); press → to unlock levels. You can't lock level 1.

Setting/changing the Country/Area code

You can find the *Country/Area code list* on page 48.

- 1 Select 'Country Code', input your password, then press ENTER.
- 2 Select a Country/Area code then press ENTER.

There are two ways you can do this:

- Select by code letter: Use ↑/↓ to change the Country/Area code.
- Select by code number: Press → then use the number buttons to enter the four-digit Country/Area code.

The new Country/Area code takes effect after ejecting the disc once.

About DivX® VOD content

In order to play DivX VOD (video on demand) content on this player, you first need to register the player with your DivX VOD content provider. You do this by generating a DivX VOD registration code, which you submit to your provider.¹



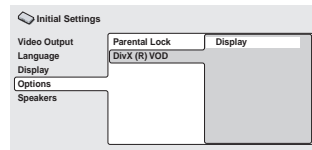
Important

- DivX VOD content is protected by a DRM (Digital Rights Management) system. This restricts playback of content to specific, registered devices.

- If you load a disc that contains DivX VOD content not authorized for your player, the message **Authorization Error** is displayed and the content will not play.

Displaying your DivX VOD registration code

- 1 Press HOME MENU and select 'Initial Settings'.
- 2 Select 'Options', then 'DivX (R) VOD'.



- 3 Select 'Display'.

Your eight-digit registration code is displayed.

Make a note of the code as you will need it when you register with a DivX VOD provider.

Playing DivX® VOD content

Some DivX VOD content may only be playable for a fixed number of times. When you load a disc containing this type of DivX VOD content, the remaining number of plays is shown on-screen and you then have the option of playing the disc (thereby using up one of the remaining plays), or stopping. If you load a disc that contains expired DivX VOD content (for example, content that has zero remaining plays), the message **Rental Expired** is displayed.

If your DivX VOD content allows an unlimited number of plays, then you may load the disc into your player and play the content as often as you like, and no message will be displayed.

Note

¹ Resetting the player (as described in *Resetting the system* on page 47) will not cause you to lose your registration code.

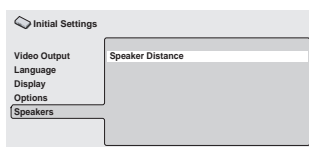
Speaker Distance

- Default setting: **3.0m**

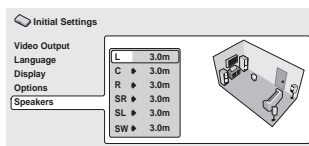
To get the best surround sound from your system, you should set up the speakers equal distances from your listening position.

1 Press HOME MENU and select 'Initial Settings'.

2 Select 'Speakers', then 'Speaker Distance'.



3 Use ↑/↓ to select a speaker.



4 Press → to change the speaker distance for the highlighted speaker.

5 Use ↑/↓ to change the distance.

- When you change the distance settings of the front left (**L**) or front right (**R**) speakers, all the other speaker distances change relative to it.
- Front left/right (**L/R**) speaker distances can be set from 30 cm to 9 m in 30 cm increments.¹
- The center speaker (**C**) can be set from -2.1 m to 0 m relative to the front left/right speakers.
- Surround left/right (**SL/SR**) speakers can be set from -6.0 m to 0 m relative to the front left/right speakers.²

- The subwoofer (**SW**) can be set from -2.1 m to 0 m relative to the front left/right speakers.

6 Press ← to go back to the speaker list if you want to modify another speaker, or press ENTER to exit the Speaker Distance screen.

Note

¹ The **L** and **R** speakers are paired; you can't set them differently.

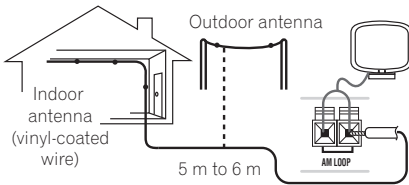
² Make sure to set them the same distance when using the Extra Power mode (page 16).

Chapter 9

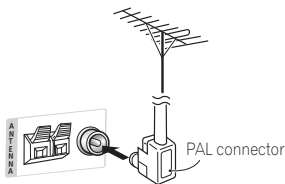
Other connections

Connecting external antennas

For an external AM antenna, use 5 m to 6 m of vinyl-insulated wire and set up either indoors or outdoors. Leave the loop antenna connected. Only use the included AM loop antenna.

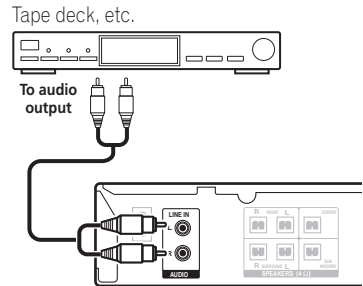


For an external FM antenna, use a PAL connector to hook up an external FM antenna.



Connecting auxiliary audio components

Using the stereo analog inputs, you can connect an external component such as a tape deck or MD player for playback through this system.

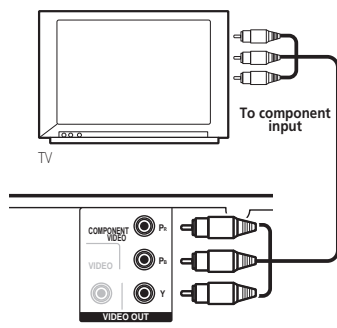


- **Connect the AUDIO IN jacks to the analog outputs of an external playback component.** Connect using RCA pin-plug stereo cables.

Connecting using the component video output

If your TV has component video inputs, you can use these instead of the standard video outputs for a better quality picture.¹

- Use a component video cable to connect the **COMPONENT VIDEO OUT** to a set of component inputs on your TV.



About progressive scan video

Compared to interlace video, progressive scan video effectively doubles the scanning rate of the picture, resulting in a very stable, flicker-free image. Progressive scan video is available only from the component video output.

Compatibility of this player with progressive-scan and high-definition TVs.

- This player is compatible with progressive video Macro Vision System Copy Guard.²

Note

1 • The component video output is switchable between interlaced and progressive formats. See *Video Output settings* on page 29.

• While the player is connected using HDMI cable, the component video output cannot be switched between **Interlace** and **Progressive** formats. When HDMI Resolution is set to **720x480i (NTSC)/720x576i (PAL)**, **Interlace** format is automatically selected, and **Progressive** format is automatically selected in other settings.

2 Consumers should note that not all high-definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 progressive scan picture problems, it is recommended that the user switch the connection to the 'standard definition' output (Interlace). If there are questions regarding our TV set compatibility with this model, please contact our customer service center.

3 • An HDMI connection can only be made with DVI-equipped components compatible with both DVI and High Bandwidth Digital Content Protection (HDCP). If you choose to connect to a DVI connector, you will need a separate adaptor (DVI → HDMI) to do so. A DVI connection, however, does not support audio signals. Consult your local audio dealer for more information.

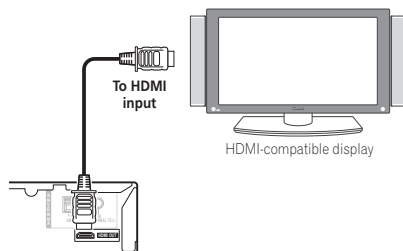
- Depending on the component you have connected, using a DVI connection may result in unreliable signal transfers.
- When you change the component connected to the HDMI output, you will also need to change the HDMI settings to match the new component (see *Video Output settings* on page 29 to do this).

Connecting using HDMI

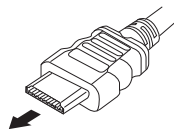
If you have a HDMI or DVI (with HDCP) equipped monitor or display, you can connect it to this player using a commercially available HDMI cable for high quality digital video.³

See *About HDMI* below for more about the HDMI connection.

- Use an HDMI cable to connect the **HDMI OUT** interconnect on this player to an **HDMI interconnect** on a HDMI-compatible monitor.



- The arrow on the cable connector body should be face down for correct alignment with the connector on the player.



You can also adjust the HDMI settings for resolution and color. For more on these settings see *Video Output settings* on page 29.

Switching the HDMI audio setting

To listen to audio from the HDMI interconnect, make sure you've specified the HDMI audio output setting.

- 1 **Switch the system into standby.**
- 2 **Press SHIFT+SETUP and use ←/→ to choose HDMI OUT then press ENTER.**
- 3 **Use ↑/↓ to choose the setting you want then press ENTER.**
 - **AUDIO ON**¹ – Audio signals are output through the HDMI interconnect
 - **AUDIO OFF** – Switches off HDMI audio

Resetting the HDMI connection

If you get an error message (the display shows **HDMI ERR**) or if the screen goes blank (for example, after changing the resolution), check the troubleshooting guide on page 46. If this doesn't solve the problem, follow the steps below to reset the HDMI connection.

- 1 **Switch the system into standby.**
 - 2 **Press SHIFT+SETUP and use ←/→ to choose HDMI INI then press ENTER.**
- The system will restart and the HDMI settings are automatically reset to the factory defaults. See *Video Output settings* on page 29 for more on these settings.

About HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-top boxes, and other AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant displays.

HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multichannel surround-sound audio. HDMI features include uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

Note

¹ Audio output from the HDMI terminal is 2 channel linear PCM only.

Chapter 10



Additional information

Disc/content format playback compatibility

This player is compatible with a wide range of disc types (media) and formats. Playable discs will generally feature one of the following logos on the disc and/or disc packaging. Note however that some disc types, such as recordable CD and DVD, may be in an unplayable format.

See the *Disc compatibility table* below for more information.



- This unit will play DVD+R/+RW discs.
-  is a trademark of FUJIFILM Corporation.
-  is a trademark of DVD Format/Logo Licensing Corporation.
- Also compatible with KODAK Picture CD.

This player supports the IEC's Super VCD standard for superior picture quality, dual soundtracks, and widescreen support.



About DualDisc playback

A DualDisc is a new two-sided disc, one side of which contains DVD content video, audio, etc. while the other side contains non-DVD content such as digital audio material.

The non-DVD, audio side of the disc is not compliant with the CD Audio specification and therefore may not play.

The DVD side of a DualDisc plays in this product. DVD-Audio content will not play.

For more detailed information on the DualDisc specification, please refer to the disc manufacturer or disc retailer.

Disc compatibility table

| Media | Compatible formats |
|-----------------|--|
| CD-R/-RW | <ul style="list-style-type: none"> • CD-Audio, Video CD/Super VCD, ISO 9660 CD-ROM* containing MP3, WMA, MPEG-4 AAC, JPEG or DivX video/WMV files. * ISO 9660 Level 1 or 2 compliant. CD physical format: Mode1, Mode2 XA Form1. Romeo and Joliet file systems are both compatible. • Multi-session playback: No • Unfinalized disc playback: No |
| DVD-R/-RW | <ul style="list-style-type: none"> • DVD-Video (Video mode), Video Recording (VR)*, UDF Bridge DVD-ROM containing MP3, WMA, MPEG-4 AAC, JPEG or DivX video/WMV files. * Edit points may not play exactly as edited; screen may go momentarily blank at edited points. • Multi Border playback: No • Unfinalized playback: No |
| PC-created disc | <ul style="list-style-type: none"> • Discs recorded using a PC may not be playable due to the setting of the software used to create the disc. In these instances, check the DVD-R/-RW or CD-R/-RW software manual or disc boxes for more on compatibility. • Discs recorded in packet write mode are not compatible. |

| Media | Compatible formats |
|-------------------------|--|
| Compressed audio | <ul style="list-style-type: none"> • MPEG-1 Audio Layer 3 (MP3), Windows Media Audio (WMA), MPEG-4 AAC • Sampling rates: 32 kHz/44.1 kHz/48 kHz • Bit-rates: Any (128 kbps or higher recommended) • VBR (variable bit rate) MP3/WMA/MPEG-4 AAC playback: No • WMA lossless encoding: No • DRM (Digital Rights Management) compatible: Yes (DRM-protected audio files will <i>not</i> play in this player.) • File extensions: .mp3, .wma, .m4a (these must be used for the player to recognize MP3/WMA/MPEG-4 AAC files) • File structure (may differ): Up to 299 folders on a disc; up to 648 folders and files (combined) within each folder |
| JPEG file | <ul style="list-style-type: none"> • Baseline JPEG and EXIF 2.2* still image files up to a resolution of 3072 x 2048 *File format for digital still cameras • Progressive JPEG compatible: No • File extensions: .jpg (must be used for the player to recognize JPEG files) • File structure (may differ): Up to 299 folders on a disc; up to 648 folders and files (combined) within each folder |

About DVD+R/DVD+RW compatibility

Only DVD+R/DVD+RW discs recorded in 'Video Mode (DVD Video Mode)' which have been finalized, can be played back. However, some editing made during the recording may not be played back accurately.

About DivX



DivX is a compressed digital video format created by the DivX[®] video codec from DivX, Inc. This player can play DivX video files burned on CD-R/-RW and DVD-R/-RW/-ROM discs. Keeping the same terminology as DVD-Video, individual DivX video files are called 'Titles'. When naming files/titles on a CD-R/-RW or DVD-R/-RW disc prior to burning, keep in mind that by default they will play in alphabetical order.

DivX video compatibility

- Official DivX[®] Certified product.
- Plays all versions of DivX[®] video (including DivX[®]6) with standard playback of DivX[®] media files.¹
- File extensions: .avi and .divx (these must be used for the player to recognize DivX video files). *Note that all files with the .avi extension are recognized as MPEG4, but not all of these are necessarily DivX video files and therefore may not be playable on this player.*

Displaying DivX subtitle files

The font sets listed below are available for DivX external subtitle files. You can see the proper font set on-screen by setting the **Subtitle Language** (in *Language settings* on page 30) to match the subtitle file.²

Group 1: Albanian (sq), Basque (eu), Catalan (ca), Danish (da), Dutch (nl), English (en), Faroese (fo), Finnish (fi), French (fr), German (de), Icelandic (is), Irish (ga), Italian (it), Norwegian (no), Portuguese (pt),

Note

- 1 Playback of .avi video files larger than 4 GB is not possible.
- 2 For external subtitle files the following subtitle format filename extensions are supported (please note that these files are not shown within the disc navigation menu): .srt, .sub, .ssa, .smi
 - Some external subtitle files may be displayed incorrectly or not at all.
 - The filename of the movie file has to be repeated at the beginning of the filename for the external subtitle file.
 - The number of external subtitle files which can be switched for the same movie file is limited to a maximum of 10.

Rhaeto-Romanic (rm), Scottish (gd), Spanish (es), Swedish (sv)

Group 2: Albanian (sq), Croatian (hr), Czech (cs), Hungarian (hu), Polish (pl), Romanian (ro), Slovak (sk), Slovenian (sl)

Group 3: Bulgarian (bg), Byelorussian (be), Macedonian (mk), Russian (ru), Serbian (sr), Ukrainian (uk)

Group 4: Hebrew (iw), Yiddish (ji)

Group 5: Turkish (tr)

DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

About WMV

WMV is an acronym for Windows Media Video and refers to a video compression technology developed by Microsoft Corporation. WMV content can be encoded by using Windows Media Encoder.

- This player is compatible with WMV9 files that are encoded by using the Windows Media Encoder 9 Series, with .wmv as an extension.
- Compatible with size under 720 x 576 pixels/ 720 x 480 pixels.
- Advanced Profile is not supported.
- DRM-protected video files will not play in this player.
- File extensions .wmv.
- Compatible with bit rate under 192 kbps.

About MPEG-4 AAC

Advanced Audio Coding (AAC) is at the core of the MPEG-4 AAC standard, which incorporates MPEG-2 AAC, forming the basis of the MPEG-4 audio compression technology. The file format and extension used depend on the application used to encode the AAC file. This unit plays back AAC files encoded by iTunes® bearing the extension '.m4a'. DRM-protected files will not play, and files encoded with some versions of iTunes® may not play, or filenames may display incorrectly.

Apple and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.

About WMA

This player can playback Windows Media Audio content.

WMA is an acronym for Windows Media Audio and refers to an audio compression technology developed by Microsoft Corporation. WMA content can be encoded by using Windows Media Player version 7.7.1, Windows Media Player for Windows XP, or Windows Media Player 9 series.

Windows Media is a trademark of Microsoft Corporation.

This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from Microsoft Licensing, Inc.

Using and taking care of discs

Handling discs

Hold the disc by its edges when handling so as not to leave fingerprints, dirt or scratches on either side of the disc. Damaged or dirty discs can affect playback performance.

If a disc becomes marked with fingerprints, dust, etc., clean using a soft, dry cloth.



Wipe lightly from the center of the disc using straight strokes. Don't wipe the disc surface with circular strokes.

If necessary, use a cloth soaked in alcohol, or a commercially available CD/DVD cleaning kit to clean a disc more thoroughly. Never use benzene, thinner or other cleaning agents such as those designed for cleaning vinyl records.

Storing discs

Avoid leaving discs in excessively cold, humid, or hot environments (including under direct sunlight). Don't glue paper or put stickers onto the disc, or use a pencil, ball-point pen or other sharp-tipped writing instrument. These could all damage the disc.

Discs to avoid

Discs spin at high speed inside the player. If a disc is cracked, chipped, warped, or otherwise damaged, don't risk using it in your player — you could end up damaging the unit.

This unit is designed for use with conventional, fully circular discs only. Pioneer disclaims all liability arising in connection with the use of shaped discs.

DVD Video regions

All DVD Video discs carry a region mark that indicates which region(s) of the world the disc is compatible with. Your DVD system also has a region mark (on the rear panel). Discs from incompatible regions will not play in this player. Discs marked **ALL** play in any player.

When you insert a disc that cannot be played on this player, one of the following messages is displayed:

Incompatible disc region number

Can't play disc

Installation and maintenance

Hints on installation

We want you to enjoy using this system for years to come, so please bear in mind the following points when choosing a location:

Do...

- ✓ Use in a well-ventilated room.
- ✓ Place on a solid, flat, level surface, such as a table, shelf or stereo rack.

Don't...

- ✗ Use in a place exposed to high temperatures or humidity, including near radiators and other heat-generating appliances.
- ✗ Place on a window sill or other place where the system will be exposed to direct sunlight.
- ✗ Use in an excessively dusty or damp environment.
- ✗ Place directly on top of an amplifier, or other component in your stereo system that becomes hot in use.
- ✗ Use near a television or monitor as you may experience interference — especially if the television uses an indoor antenna.
- ✗ Use in a kitchen or other room where the system may be exposed to smoke or steam.
- ✗ Use on a thick rug or carpet, or cover with cloth — this may prevent proper cooling of the system unit.
- ✗ Place on an unstable surface, or one that is not large enough to support all four of the system unit's feet.

Cleaning the pickup lens

The DVD player's lens should not become dirty in normal use, but if for some reason it should malfunction due to dust or dirt, consult your nearest Pioneer authorized service center. Although lens cleaners are commercially available, we do not recommend using them since some may damage the lens.

Problems with condensation

Condensation may form inside the player if it is brought into a warm room from outside, or if the temperature of the room rises quickly. Although the condensation won't damage the player, it may temporarily impair performance. Leave it to adjust to the warmer temperature for about an hour before switching on.

Moving the system unit

If you need to move the main unit, first remove a disc if there's one in the player, then press **⏻ STANDBY/ON** on the front panel to turn the system off. Wait for **GOOD BYE** to disappear from the display, then unplug the power cord.¹ Never lift or move the unit during playback — discs rotate at high speeds and may damage.

Screen sizes and disc formats

DVD-Video discs come in different screen aspects, ranging from TV programs, which are generally 4:3, to CinemaScope widescreen movies², with an aspect ratio of up to about 7:3. Televisions also come in different aspect ratios; 'standard' 4:3 and widescreen 16:9.³

Widescreen TV users

If you have a widescreen TV, the **TV Screen** setting (page 29) of this player should be set to **16:9 (Wide)** or **16:9 (Compressed)**.

When you watch discs recorded in 4:3 format with the **16:9 (Wide)** setting, you can use the TV controls to select how the picture is presented. Your TV may offer various zoom and stretch options; see the instructions that came with your TV for details.

Please note that some movie aspect ratios are wider than 16:9, so even though you have a widescreen TV, these discs will still play in a 'letter box' style with black bars at the top and bottom of the screen.

Standard TV users

If you have a standard TV, the **TV Screen** setting (page 29) of this player should be set to **4:3 (Letter Box)** or **4:3 (Pan & Scan)**, depending on which you prefer.



Set to **4:3 (Letter Box)**, widescreen discs are shown with black bars top and bottom.



Set to **4:3 (Pan & Scan)**, widescreen discs are shown with the left and right sides cropped. Although the picture looks larger, you don't actually see the whole picture.

Please note that many widescreen discs override the player's setting so that the disc is shown in letter box format regardless of the setting.

Note

- 1 Unplugging the unit before **GOOD BYE** disappears from the display may cause the system to return to the factory settings.
- 2 Many widescreen discs override the system's settings so that the disc is shown in letterbox format regardless of the setting.
- 3 Using the **16:9 (Wide)** or **16:9 (Compressed)** setting with a standard 4:3 TV, or one of the **4:3** settings with a widescreen TV, will result in picture distortion.

TV system setting

Not applicable to Taiwanese model

The default setting of this system is **AUTO**, and unless you notice that the picture is distorted when playing some discs, you should leave it set to **AUTO**. If you find picture distortion with some discs, set the TV system to match your country or region's system. However, this may restrict the kinds of disc you can watch. See the table for the kinds of discs compatible with each setting (**AUTO**, **PAL** and **NTSC**).¹

1 Switch the unit into standby, then press SHIFT+SETUP.

2 Use ←/→ to choose TV SYS then press ENTER.

The TV system changes as follows:

- **AUTO → NTSC**
- **NTSC → PAL**
- **PAL → AUTO**

The system automatically switches on and you'll see the new TV system setting in the display after seeing **WELCOME**.²

| Media Type | Format | Player setting | | |
|--|--------|----------------|-----|----------------|
| | | NTSC | PAL | AUTO |
| DVD/Super VCD/ Video CD/DivX video/WMV | NTSC | NTSC | PAL | NTSC |
| | PAL | NTSC | PAL | PAL |
| CD/MP3/WMA/ MPEG-4 AAC/ JPEG/no disc | — | NTSC | PAL | NTSC or PAL |

Frequency step setting

If you find that you can't tune into stations successfully, the frequency step may not be suitable for your country/region.

1 Switch the unit into standby, then press SHIFT+SETUP.

2 Use ←/→ to choose AM 9K/10K then press ENTER.

3 Use ↑/↓ to select AM 9K or AM 10K then press ENTER.

Switching off the demo

Follow the steps below to switch the automatic demo feature off (this starts when you plug in for the first time):

1 With the unit in standby, press SHIFT+SETUP.

2 Use ←/→ to choose DEMO then press ENTER.

3 Use ↑/↓ to select DEMO OFF and press ENTER.

Dimming the Display

You can adjust the brightness of the text in the front panel display.

1 Press SHIFT+SETUP and use ←/→ to choose DIMMER then press ENTER.

This is shown in the front panel display.

2 Use ↑/↓ to select LIGHT or DARK then press ENTER.

Note

¹ Most models of the newly developed countdown PAL TV system detect 50 Hz (PAL)/60 Hz (NTSC) and automatically switch vertical amplitude, resulting in a display without vertical shrinkage. However, in some cases, the image may appear without color. If your PAL TV does not have a V-Hold control, you may not be able to watch NTSC discs because of picture roll. If the TV has a V-Hold control, adjust it until the picture stops rolling. On some TVs, the picture may shrink vertically, leaving black bands at the top and bottom of the screen.

² You have to switch the player into standby (press **⏻** **STANDBY/ON**) before each change.

Troubleshooting

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.

- If the system does not operate normally due to external effects such as static electricity, disconnect the plug from the outlet and insert again to return to normal operating conditions.

General

| Problem | Remedy |
|--|---|
| The power does not turn on, or switches off suddenly (an error message may be displayed at startup). | <ul style="list-style-type: none"> • Wait for one minute before switching back on. • Make sure there are no loose strands of wire touching the unit. This could cause the system to shut off automatically. • Check that the speakers are connected correctly. • Make sure the voltage of the mains power source is correct for the model. • Try reducing the volume level. • If the problem persists, take it to your nearest Pioneer authorized service center or your dealer for servicing. |
| No sound is output when a function is selected. | <ul style="list-style-type: none"> • If you're using the line input, make sure the component is connected correctly (see <i>Connecting auxiliary audio components</i> on page 34). • Press MUTE on the remote control to turn muting off. • Turn up the volume. |
| No sound from surround or center speakers. | <ul style="list-style-type: none"> • Refer to <i>Setting the channel levels</i> on page 11 to check the speaker levels. • When TUNER or LINE is selected, you can only hear the source in stereo. Switch the input source to DVD/CD or USB for multichannel sound. • Check that you haven't selected the STEREO mode (see <i>Listening in surround sound</i> on page 15). • Check if a microphone is connected or not. • Connect the speakers properly (refer to the <i>Setup Guide</i>). |
| Can't operate the remote control. | <ul style="list-style-type: none"> • Replace the batteries (refer to the <i>Setup Guide</i>). • Operate within 7 m, 30° of the remote sensor (refer to the <i>Setup Guide</i>). • Remove any obstacles or operate from another position. • Avoid exposing the remote sensor on the front panel to direct light. • To operate other Pioneer components, make sure that the control cable and analog audio cable are connected. |
| The microphone can't be heard. | <ul style="list-style-type: none"> • You are only using one microphone and it's plugged into the MIC (SUB) jack. The MIC (SUB) jack can only be used if there is also a microphone plugged into the MIC (MAIN) jack. • Adjust the MIC VOL. |
| Feedback noise when mic is switched on. | <ul style="list-style-type: none"> • The mic is pointing toward the speakers. Keep the mic pointed away from the speakers. • The microphone level is set too high. Turn down the mic control level. |
| TRAYLOCK shows in the display and the tray can't be ejected. | <ul style="list-style-type: none"> • Press and hold ▲ OPEN/CLOSE on the front panel for about eight seconds. Then the tray can be opened/closed using ▲ OPEN/CLOSE. |

| Problem | Remedy |
|--|---|
| SND.DEMO shows in the display and the unit can't be controlled. | <ul style="list-style-type: none"> Press and hold ■ (stop) on the front panel for about five seconds. The disc tray ejects automatically to indicate the Sound Demo mode is disabled. |

DVD/CD/Video CD player

| Problem | Remedy |
|--|--|
| The disc is ejected automatically after loading. | <ul style="list-style-type: none"> Clean the disc and align the disc properly in the disc guide. If the region number on a DVD-video disc does not match the number on the player, the disc cannot be used (see <i>DVD Video regions</i> on page 40). In this instance, one of the following messages appears on screen: Incompatible disc region number/Can't play disc. Allow time for any condensation inside the player to evaporate. Avoid using the player near an air-conditioning unit. |
| Playback not possible. | <ul style="list-style-type: none"> If the disc is loaded upside down, reload the disc with label side face up. |
| Picture playback stops and buttons cannot be used. | <ul style="list-style-type: none"> Press ■ (stop), then ▶ (play) to start playback again. Switch the power off once, then on again using the front panel ⏻ STANDBY/ON button. |
| Settings are canceled. | <ul style="list-style-type: none"> When the power is cut, settings will be canceled. |
| No picture/No color. | <ul style="list-style-type: none"> Check that connections are correct and that plugs are inserted fully. Check the manual of the TV/monitor to make sure the settings are correct. If the Progressive setting is selected and you have used component video cables to connect a TV that is not compatible with a progressive scan signal, you will not be able to see any picture at all. With your TV connected using either the composite or S-video terminals, change the Component Out setting to Interlace (see <i>Video Output settings</i> on page 29). |
| Screen is stretched or aspect doesn't change. | <ul style="list-style-type: none"> The TV Screen setting is incorrect. Set the TV Screen option to match the TV/monitor you're using (see <i>Video Output settings</i> on page 29). |
| When recorded on a VCR or passed through an AV selector, there is disturbance in the playback picture. | <ul style="list-style-type: none"> This system uses copy-protection technology which may prevent recording or cause picture problems when connected through a VCR or AV selector. This is not a malfunction. |
| Picture disturbance during playback or dark. | <ul style="list-style-type: none"> This player is compatible with Macro-Vision System copy guard. Some discs include a copy prevention signal, and when this type of disc is played back, stripes etc., may appear on some sections of the picture depending on the TV. This is not a malfunction. Discs respond differently to particular player functions. This may result in the screen becoming black for a brief instant or shaking slightly when the function is executed. These problems are largely due to differences between discs and disc content and are not malfunctions of this player. |
| Noticeable difference in DVD and CD volume. | <ul style="list-style-type: none"> DVDs and CDs use different recording methods. This is not a malfunction. |

| Problem | Remedy |
|--|--|
| CD-ROM disc is not recognized. | <ul style="list-style-type: none"> Make sure that the CD-ROM was recorded using the ISO 9660 disc format. See <i>Disc compatibility table</i> on page 37 for more on disc compatibility. |
| DVD-ROM disc is not recognized. | <ul style="list-style-type: none"> Make sure that the DVD-ROM was recorded using the UDF bridge format. See <i>Disc compatibility table</i> on page 37 for more on disc compatibility. |
| Files don't show up in the Disc Navigator/Photo Browser. | <ul style="list-style-type: none"> The files on the disc must be named with the correct file extension: .mp3 for MP3 files; .wma for WMA files; .m4a for MPEG-4 AAC files; .jpg for JPEG files (upper or lower-case is OK). See <i>Disc compatibility table</i> on page 37. |
| Can't play WMA or MPEG-4 AAC files. | <ul style="list-style-type: none"> The files were recorded using DRM (digital rights management). This is not a malfunction. |
| Can't play WMV files. | <ul style="list-style-type: none"> When the bit rate the file is more than 192 kbps, the file cannot be played back. |

Tuner

| Problem | Remedy |
|---|---|
| Considerable noise in radio broadcasts. | <ul style="list-style-type: none"> Connect the AM antenna (refer to the Setup Guide) and adjust the direction and position for best reception. You may also connect an additional internal or external AM antenna (refer to <i>Connecting external antennas</i> on page 34). Fully extend the FM wire antenna, position for best reception, and secure to a wall. You may also connect an outdoor FM antenna (see <i>Connecting external antennas</i> on page 34). Turn off other equipment that may be causing the noise or move it further away. The tuning interval is incorrect for your country or region. See <i>Frequency step setting</i> on page 42 to switch the tuning interval. |
| Auto tuning does not pick up some stations. | <ul style="list-style-type: none"> The radio signal is weak. Auto tuning will only detect radio stations with a good signal. For more sensitive tuning, connect an outdoor antenna. |

USB connection

| Problem | Remedy |
|--|---|
| USB mass storage device is not recognized by the system. | <ul style="list-style-type: none"> Make sure you have completely inserted the USB connector to this unit. Check that the memory format is FAT16 or FAT32. USB devices with an internal USB hub are not supported. |
| Files don't show up in the Navigator/Photo Browser. | <ul style="list-style-type: none"> The files must have the correct file extension: .mp3 for MP3 files; .wma for WMA files; .m4a for MPEG-4 AAC files; .jpg for JPEG files (upper or lower-case is OK). Make sure the file permission hasn't been restricted (through a password, etc.). |
| Can't play WMA or MPEG-4 AAC files. | <ul style="list-style-type: none"> The files were recorded using DRM (digital rights management). This is not a malfunction. |

HDMI connection

| Problem | Remedy |
|-----------------------|---|
| No HDMI audio output. | <ul style="list-style-type: none"> See <i>Switching the HDMI audio setting</i> on page 36 to make sure that AUDIO ON is selected. |

| Problem | Remedy |
|--|---|
| No HDMI video output | <ul style="list-style-type: none"> • Make sure that you've selected this player as the HDMI input in the settings for the component you're using (refer to the component's instruction manual). • Check that the HDMI cable is connected properly and isn't damaged. • Check that components connected using the HDMI interface are switched on and HDMI compatible (Components must be compatible with both DVI and High Bandwidth Digital Content Protection (HDCP)). • Depending on the component you have connected, using a DVI connection may result in unreliable signal transfers. • Make sure the resolution on this player matches that of the component you have connected using HDMI. See <i>Video Output settings</i> on page 29 to change the HDMI resolution. • If the screen goes blank after changing the resolution, it means the you selected a resolution incompatible with your monitor. See <i>Resetting the HDMI connection</i> on page 36 to reset to the factory defaults. |
| Color problems occur with your monitor after changing the HDMI Color setting (page 30). | <ul style="list-style-type: none"> • Depending on the connected equipment, some HDMI Color settings may cause the picture to be displayed incorrectly. In this case, use the TV's own video input settings to select RGB, if possible. Alternatively, revert to the previous HDMI Color setting. |

Error Messages

| Message | Description |
|-----------------|---|
| EXTRAPWR | • You cannot adjust SFC modes, tone controls (bass, treble, and bass boost), MP3 Expander mode, Voice Enhancer mode when using Extra Power mode. |
| SND.DEMO | • The sound demo is on. See <i>General</i> in <i>Troubleshooting</i> on page 43. |
| CANNOT | • An operation is prohibited because DVD/CD or USB isn't selected, headphones are connected, or SHIFT+TEST TONE is pressed during disc playback. |
| MUTING | • An operation is prohibited because the sound is muted (press MUTE). |
| STEREO | • An operation is prohibited because the DVD/CD or USB function isn't selected. |
| TRAYLOCK | • The tray lock is on. See <i>General</i> in <i>Troubleshooting</i> on page 43. |
| KEYLOCK | • The key lock is enabled. See <i>Setting the Key Lock</i> below. |
| USB ERR | • See <i>Important</i> in <i>Using the USB interface</i> on page 25 for more on this. |
| HDMI ERR | • See <i>HDMI connection</i> above for troubleshooting tips. See also <i>Resetting the HDMI connection</i> on page 36 if the problem persists. |
| EEP ERR | • Contact your Pioneer authorized service center or your dealer for servicing. |
| EXIT | • Appears when any prohibited signal is input or the headphones are connected while the menu screen is displayed, and then the display returns to the normal display. |
| NO MIC | • Appears when you press SHIFT+KARAOKE , SHIFT+ECHO , SHIFT+b or SHIFT+# when no mic is inserted. |
| MIC IN | • Appears when you press SURROUND , SOUND , FRT. SURR/EXT PWR or MP3 EXP/V.ENH when a mic is inserted. |

Resetting the system

Use the front panel controls to reset all system settings to the factory default.

- **With the system on, press \odot STANDBY/ON while holding down \blacktriangleright /|| USB.**

The next time you switch on, all the system settings should be reset.

Setting the Key Lock

You can disable the front panel buttons by switching the Key Lock feature on.

- 1 **With the system in standby, press SHIFT+SETUP and use \leftarrow / \rightarrow to choose KEYLOCK then press ENTER.**

This is shown in the front panel display.

- 2 **Use \uparrow / \downarrow to select LOCK ON or LOCK OFF then press ENTER.**

Using the language code list

Some of the language options (see *Language settings* on page 30) allow you to set your preferred language from any of the 136 languages in the *Language code list* below.

- 1 **Select 'Other Language'.**
- 2 **Use \leftarrow / \rightarrow to select either a code letter or a code number.**
- 3 **Use \uparrow / \downarrow to select a code letter or a code number.**

See the *Language code list* below for a complete list of languages and codes.

Language code list

Language (Language code letter), **Language code**

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

Country/Area code list

Country/Area, Country/Area code, **Country/Area code letter**

| | | |
|----------------------------|-------------------------------------|---|
| Argentina, 0118, ar | Hong Kong, 0811, hk | Philippines, 1608, ph |
| Australia, 0121, au | India, 0914, in | Portugal, 1620, pt |
| Austria, 0120, at | Indonesia, 0904, id | Russian Federation, 1821, ru |
| Belgium, 0205, be | Italy, 0920, it | Singapore, 1907, sg |
| Brazil, 0218, br | Japan, 1016, jp | Spain, 0519, es |
| Canada, 0301, ca | Korea, Republic of, 1118, kr | Switzerland, 0308, ch |
| Chile, 0312, cl | Malaysia, 1325, my | Sweden, 1905, se |
| China, 0314, cn | Mexico, 1324, mx | Taiwan, 2023, tw |
| Denmark, 0411, dk | Netherlands, 1412, nl | Thailand, 2008, th |
| Finland, 0609, fi | New Zealand, 1426, nz | United Kingdom, 0702, gb |
| France, 0618, fr | Norway, 1415, no | United States of America, 2119, us |
| Germany, 0405, de | Pakistan, 1611, pk | |

Specifications

• Amplifier section

RMS Power Output:

- Front, Center, Surround . . . 60 W per channel
(1 kHz, 10 % T.H.D., 4 Ω)
- Subwoofer . . . 60 W (100 Hz, 10 % T.H.D., 4 Ω)

• Disc section

Type DVD system, Video CD/Super VCD system and Compact Disc digital audio system
Wow and Flutter Limit of measurement
(±0.001 % W.PEAK) or less (JEITA)

• FM tuner section

Frequency range 87.5 MHz to 108 MHz
Antenna 75 Ω, unbalanced

• AM tuner section

Frequency range:
With 9 kHz step 531 kHz to 1602 kHz
With 10 kHz step 530 kHz to 1700 kHz
Antenna Loop antenna

• Miscellaneous

Power requirements:
Singapore, Indonesia, Hong Kong, Malaysia, Philippines models
. AC 220 V to 240 V, 50 Hz/60 Hz
Taiwanese model AC 110 V, 50 Hz/60 Hz
Power consumption 50 W
Power consumption in standby 0.42 W
Dimensions
. 420 mm (W) x 60 mm (H) x 339 mm (D)
Weight 2.7 kg

• Accessories (DVD/CD receiver)

Remote control 1
AA/R6 dry cell batteries
(to confirm system operation) 2
Video cable (yellow plugs) 1
AM loop antenna 1
FM antenna 1
Power cord 1
Setup Guide
These operating instructions

S-DV170 Speaker system

• Front speakers

Enclosure Closed-box bookshelf type
(magnetically shielded)
System 7.7 cm 1-way system
Speakers 7.7 cm cone type
Impedance 4 Ω
Frequency range 90 Hz to 20 kHz
Maximum input power 60 W
Dimensions
. 105 mm (W) x 115 mm (H) x 114 mm (D)
Weight 0.60 kg

• Center speaker

Enclosure Closed-box bookshelf type
(magnetically shielded)
System 7.7 cm 1-way system
Speaker 7.7 cm cone type
Impedance 4 Ω
Frequency range 90 Hz to 20 kHz
Maximum input power 60 W
Dimensions
. 115 mm (W) x 105 mm (H) x 114 mm (D)
Weight 0.60 kg

• Surround speakers

Enclosure Closed-box bookshelf type
(magnetically shielded)
System 7.7 cm 1-way system
Speakers 7.7 cm cone type
Impedance 4 Ω
Frequency range 98 Hz to 20 kHz
Maximum input power 60 W
Dimensions
. 105 mm (W) x 118 mm (H) x 114 mm (D)
Weight 0.63 kg

• Subwoofer

Enclosure Bass-reflex floorstanding type
System 16 cm 1-way system
Speaker 16 cm cone type
Impedance 4 Ω
Frequency range 28 Hz to 2.0 kHz
Maximum Input Power 60 W
Dimensions
. 190 mm (W) x 360 mm (H) x 317 mm (D)
Weight 3.9 kg

- **Accessories**

| | |
|--|----|
| Non-skid pads (small) | 12 |
| Non-skid pads (large) | 4 |
| Mounting brackets | 4 |
| Screws (for mounting brackets) | 4 |

S-DV373 Speaker system

- **Front/surround speakers**

| | |
|-------------------------------|--|
| Enclosure | Closed-box bookshelf type (magnetically shielded) |
| System | 6.6 cm 1-way system |
| Speakers | 6.6 cm cone type |
| Impedance | 4 Ω |
| Frequency range | 82 Hz to 20 kHz |
| Maximum input power | 60 W |
| Dimensions | 96 mm (W) x 96 mm (H) x 96 mm (D) |
| Weight | 0.44 kg |

- **Center speaker**

| | |
|-------------------------------|--|
| Enclosure | Closed-box bookshelf type (magnetically shielded) |
| System | 6.6 cm 1-way system |
| Speaker | 6.6 cm cone type |
| Impedance | 8 Ω |
| Frequency range | 82 Hz to 20 kHz |
| Maximum input power | 30 W |
| Dimensions | 96 mm (W) x 96 mm (H) x 96 mm (D) |
| Weight | 0.44 kg |

- **Subwoofer**

| | |
|-------------------------------|--------------------------------------|
| Enclosure | Bass-reflex floorstanding type |
| System | 16 cm 1-way system |
| Speaker | 16 cm cone type |
| Impedance | 4 Ω |
| Frequency range | 34 Hz to 1.2 kHz |
| Maximum Input Power | 60 W |
| Dimensions | 216 mm (W) x 391 mm (H) x 393 mm (D) |
| Weight | 5.5 kg |

- **Accessories**

| | |
|--|----|
| Speaker cables | 6 |
| Brackets | 2 |
| Mounting brackets | 6 |
| Screws (common use for brackets and mounting brackets) | 8 |
| Non-skid pads (small) | 18 |
| Non-skid pads (large) | 4 |

S-DV270T Speaker system

- **Front speakers**

| | |
|-------------------------------|--|
| Enclosure | Closed-box floorstanding type (magnetically shielded) |
| System | 2-way system |
| Speakers: | |
| Woofer | 7.7 cm cone type |
| Tweeter | 2.6 cm semi-dome type |
| Impedance | 4 Ω |
| Frequency range | 62 Hz to 20 kHz |
| Maximum input power | 60 W |
| Dimensions | 260 mm (W) x 1097 mm (H) x 260 mm (D) |
| Weight | 3.9 kg |

- **Center speaker**

| | |
|-------------------------------|--|
| Enclosure | Closed-box bookshelf type (magnetically shielded) |
| System | 7.7 cm 1-way system |
| Speaker | 7.7 cm cone type |
| Impedance | 4 Ω |
| Frequency range | 72 Hz to 20 kHz |
| Maximum input power | 60 W |
| Dimensions | 220 mm (W) x 90 mm (H) x 100 mm (D) |
| Weight | 0.70 kg |

- **Surround speakers**

| | |
|-------------------------------|--|
| Enclosure | Closed-box bookshelf type (magnetically shielded) |
| System | 7.7 cm 1-way system |
| Speakers | 7.7 cm cone type |
| Impedance | 4 Ω |
| Frequency range | 84 Hz to 20 kHz |
| Maximum input power | 60 W |
| Dimensions | 100 mm (W) x 100 mm (H) x 100 mm (D) |
| Weight | 0.54 kg |

- **Accessories**

| | |
|---------------------------------|---|
| Speaker cables | 5 |
| Non-skid pads (small) | 8 |
| Non-skid pads (large) | 8 |
| Speaker stand bases | 2 |
| Screws (for bases) | 6 |

S-DV272T Speaker system

- **Front/surround speakers**

Same as **S-DV270T** Front speakers (see above).

- **Center speaker**

Same as **S-DV270T** Center speaker (see above).

- **Accessories**

| | |
|-----------------------------|----|
| Speaker cables..... | 5 |
| Non-skid pads (large) | 16 |
| Speaker stand bases..... | 4 |
| Screws (for bases)..... | 12 |

S-DV3SW Speaker system

- **Subwoofer**

| | |
|---------------------------|--------------------------------------|
| Enclosure | Bass-reflex floorstanding type |
| System | 16 cm 1-way system |
| Speaker..... | 16 cm cone type |
| Impedance | 4 Ω |
| Frequency range | 34 Hz to 1.2 kHz |
| Maximum Input Power | 60 W |
| Dimensions | 216 mm (W) x 391 mm (H) x 393 mm (D) |
| Weight | 5.5 kg |

- **Accessories**

| | |
|-----------------------------|---|
| Speaker cables..... | 1 |
| Non-skid pads (large) | 4 |

 **Note**

- Specifications and design subject to possible modification without notice, due to improvements.

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重要



等邊三角形內帶有箭頭的閃電符號旨在引起用戶警覺，因本產品機殼內有無絕緣“危險電壓”，可能很大程度造成觸電的危險。

小心

有電擊的危險
請勿打開

注意
為避免觸電危險，請勿拆卸蓋子（或背面板）。機內沒有可供用戶自行修理的零部件。維修事宜交由有資格的維修人員進行。



等邊三角形內的感嘆號旨在提醒用戶注意本機附帶的資料中有關操作和維護（修理）的重要說明。

D3-4-2-1-1_ChH

警告

本機不防水。為防止起火或觸電事故，請勿將本機置放於任何盛裝液體的容器（如花瓶或花盆）附近或將其暴露於漏水、澆水、雨中或潮濕環境中。

D3-4-2-1-3_B_ChH

警告

為防止火災，請勿將明火源（如點燃的蠟燭）放置於本機上。

D3-4-2-1-7a_A_ChH

操作環境

操作環境溫度與溼度：

+5 °C 至 +35 °C (+41 °F 至 +95 °F)；小於 85 %RH（勿堵塞冷卻孔）

請勿在通風不良處、暴露於高溼度或陽光直射（或強烈的人造光源）的場所安裝本機。

D3-4-2-1-7c_A_ChH

注意

本機STANDBY/ON開關不完全將電源自交流電插座切斷。因電源線為本機主要電源切斷裝置，您需要將插頭拔除以切斷所有電力。因此，請確認本機安裝時電源線可輕易自交流電插座拔除以防止意外。為防止火災，當本機處於長時間未使用之情形（如假期中）時，請將主電源插頭自牆上插座拔除以切斷電源。

D3-4-2-2-2a_A_ChH

警告

第一次插置電源前，請仔細閱讀下列部分：

電源供給的電壓因國家或地區而異。請確認本機使用之地區的電源供給電壓符合本機後面板上所寫之電壓（230 V 或 120 V）要求。

D3-4-2-1-4_A_ChH

通風注意事項

安裝本機時，請確定在本機四周預留足夠的空間以流通風（頂部 10 cm、背面 10 cm、及兩側 10 cm 以上）。

警告

機殼上具有之縫隙及開口用於通風，以確保本產品之正常操作並防止過熱。為避免火災，請勿堵塞開口或用物品（如報紙、桌布、簾幕）將其覆蓋，也請勿在厚毯或床上操作本機。

D3-4-2-1-7b_B_ChH

若本機之交流電源插頭與您欲使用的交流電源插座不符，請拆下插頭並換上合適的。僅可由專業技術人員於本機的電源供給電纜上更換及安裝交流電源插頭。若在連接至交流電插座上時切斷插頭，可能導致觸電。請確認插頭於移除後已予妥善處理。

當本機處於長時間未使用之情形（如假期中）時，請將主電源插頭自牆上插頭拔除以切斷電源。

D3-4-2-2-1a_A_ChH

台灣地區專用



「廢電池請回收」

電源線注意事項

請手持插頭部分挪動電源線。拔下插頭時勿拉拽電源線，且勿用濕手去碰電源線，因為這樣可能會導致短路或電擊。勿將本裝置、家具或其他物件壓在電源線上，或以其他方式擠壓電源線。切勿將電源線打結或和其他的線綁縛。電源線的佈線應防止被人踩在上面。電源線受損可能會導致火災，或造成人員觸電。經常檢查電源線。如果您發現電源線受損，請就近至先鋒公司授權維修中心或銷售商進行更換。

5002_ChH

注意

本產品為第一類雷射產品，但本產品具有高於第一類之雷射二極體。為確保其安全性，請勿移動任何機蓋或嘗試接觸本機內部。

請向專業技術人員尋求協助服務。

下列注意標籤需貼於您的機組上。

位置：本機上方

CLASS 1
LASER PRODUCT

台灣機種

CAUTION : CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO THE BEAM.

注意：打開時會有CLASS 3B可見和不可見雷射輻射，請勿受雷射束輻射。

VRW2159

其他機種

| | |
|-------------------|---|
| CAUTION | CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO THE BEAM. |
| ATTENTION | RADIATIONS LASER VISIBLES ET INVISIBLES DE CLASSE 3B QUAND OUVERT. ÉVITEZ TOUT EXPOSITION AU FASCEAU. |
| ADVARSEL | KLASSE 3B SYNLJØ OG USYNLJØ LASERSTRÅLING VED ÅBNING. UNDFØR UDSÆTTELSE FOR STRÅLING. |
| VARNING | KLASSE 3B SYNLJUS OCH USYNLJUS LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. UNDFÖR UTSÄTTNING FÖR STRÅLING. |
| VORSICHT | BEI GEÖFFNETER ABDECKUNG IST SICHTBARE UND UNSICHTBARE LASERSTRALUNG DER KLASSE 3B IN GERÄTEBEREICHEN VORHANDEN. NICHT DEM LASERSTRALUNGSBEZIEHUNG. |
| PRECAUCIÓN | CUANDO SE ABRE HAY RADIACIÓN LASER DE CLASE 3B VISIBLE E INVISIBLE. EVITE LA EXPOSICIÓN A LOS RAYOS LASER. |
| VARO! | AVATTARESSA OLEF ALTIINA NÄKYYVÄLLE JA NÄKYMÄTTOMALLE LUCKAN 3B LASERISÄTELYLLE. ÄLÄ KATSO SÄTELEEN. |
| | VRW2267-A |

D3-4-2-1-8_B_CHH

本產品只適宜一般家庭用途。如果是由於應用在其他非家庭用途(如做為商業用途而長期使用於餐廳中，或者使用於汽車或船中)而導致發生故障並需要修理，在保用期間必須承擔修理費用。

K041_ChH

感謝您購買本台先鋒產品。

請徹底閱讀本操作手冊，以便正確地操作您的產品。在您閱讀完手冊後，請妥為保管以便將來參考之用。

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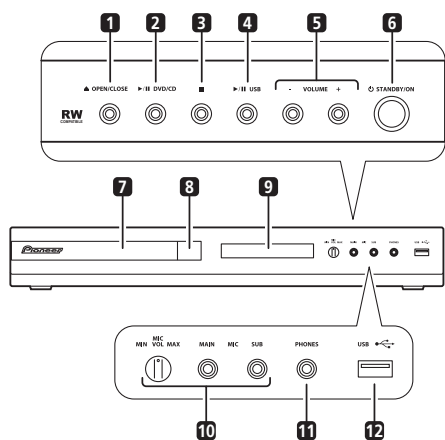
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第 1 章 控制與顯示

前面板



1 ▲ OPEN/CLOSE

開啓／關閉碟盤。

2 ▶/|| DVD/CD

選取 DVD/CD 功能並開始／暫停／恢復播放。

3 ■

停止播放。

4 ▶/|| USB

選取 USB 功能並開始／暫停播放。

5 VOLUME +/- 按鍵

6 ⏻ STANDBY/ON

可將系統開機或切成待機狀態。

7 碟盤

8 遙控感應器

9 顯示幕

請參閱下列 顯示幕。

10 MIC VOL 及 MIC 輸入插孔

可控制伴唱麥克風的音量（MAIN 及 SUB）。

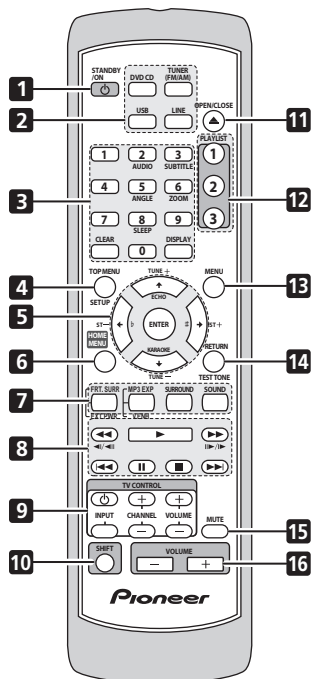
11 PHONES 插孔

接上耳機。

12 USB 介面

連接 USB 裝置播放（請參閱第 25 頁的 USB 播放）。

遙控器



1 **⏻ STANDBY/ON**

可將系統開機或切換成待機狀態。

2 **功能選取按鍵**

可選取您要聆聽的來源 (DVD/CD、TUNER、USB、LINE)。

3 **數字鍵、CLEAR、DISPLAY、SLEEP 和 DVD 控制**

CLEAR

清除輸入項目。

DISPLAY

可顯示／變更螢幕上顯示的碟片資訊 (第 24 頁)。

SHIFT+SLEEP

按下以設置睡眠定時 (第 14 頁)。

SHIFT+AUDIO

可選取音頻聲道／對白語言 (第 23 頁)。

SHIFT+SUBTITLE

可顯示／變更字幕 (第 23 頁)。

SHIFT+ANGLE

可變更 DVD 多角度場播放期間的拍攝角度 (第 24 頁)。

SHIFT+ZOOM

可變更畫面放大的倍數 (第 24 頁)。

4 **TOP MENU**

可在播放位置上顯示 DVD 碟片的上層選單—此項功能可能和按下 **MENU** 相同 (第 13 頁)。

SHIFT+SETUP

用以進行各種系統及環繞音效設置 (第 11、13、14、36、42 及 47 頁)。

5 **伴唱、游標按鍵、ENTER 及調諧按鍵**

SHIFT+KARAOKE

選擇伴唱的歌聲淡入淡出 (第 27 頁)。

SHIFT+ECHO

可改變伴唱麥克風中迴音的大小 (第 27 頁)。

SHIFT+b/SHIFT+#

可降低／提高 DVD/CD、USB 背景音樂中的音量高低 (第 27 頁)。

游標按鍵

使用游標按鍵 (↑/↓/←/→) 可導覽在屏顯示畫面及選單。

ENTER

可選取選項或執行命令。

TUNE +/-

可調選收音機。

ST +/-

可選取收聽收音機時想要收聽的預設電台。

6 HOME MENU

可顯示（或退出）初始設置、播放模式功能等的在屏顯示選單。

7 音效控制

FRT. SURR/EXT PWR

可將前置環繞聲模式／加大功率模式開啓（第 15 頁）。

MP3 EXP/V.ENH

切換 MP3 擴展器／聲音強化器模式（第 17 頁）。

SURROUND

選取環繞聲模式（第 15 頁）或切換至立體聲播放（第 16 頁）。

SOUND

可存取音效選單以調整 SFC 模式、低音及高低等。（第 16 頁）

8 播放控制

請參閱第 12 頁的*基本播放控制*、第 18 頁的*碟片播放功能*及第 25 頁的*USB 播放*有關這些控制的說明。

9 TV CONTROL 按鍵

可用於控制先鋒平面電視。

10 SHIFT

按下可存取反白成綠字的控制。

11 ▲ OPEN/CLOSE

開啓／關閉碟盤。

12 PLAYLIST 按鍵

可新增曲目（播放期間）或選取播放清單（停止播放時）（第 20 頁）。

13 MENU

按下可顯示 DVD 碟片或 USB 選單或導覽器（第 13 及 26 頁）。

14 RETURN

可返回至前一個選單畫面。

SHIFT+TEST TONE

可輸出測試音調（用於揚聲器設置）（第 11 頁）。

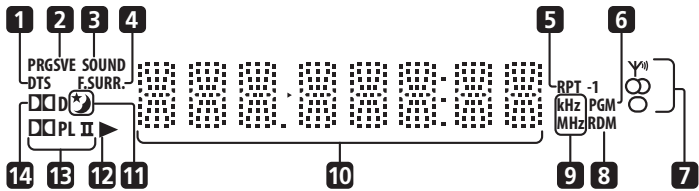
15 MUTE

可將聲音關閉（再按即可取消靜音）。

16 VOLUME +/-

可調整音量。

顯示幕



1 DTS

此燈在 DTS 來源播放期間會亮起 (第 15 頁)。

2 PRGSVE

色差視頻輸出端子逐行掃描視頻訊號時會亮起 (第 35 頁)。

3 SOUND

SFC 模式、音調控制 (高音、低音或重低音)、MP3 擴展器模式、聲音強化器模式起動時會亮起 (第 16 及 17 頁)。

4 F.SURR.

選取「加大功率」模式／「前置環繞聲」模式時會亮起 (第 15 頁)。

5 RPT 及 RPT-1

RPT 在重複播放期間會亮起。**RPT-1** 在重複播放單曲期間會亮起 (第 21 頁)。

6 PGM

此燈於節目或播放清單播放期間會亮起 (第 20 及 22 頁)。

7 調諧器指示燈

Y^{FM} — 此燈在接收到廣播時會亮起。

⊗ — 此燈在自動立體聲模式期間接收到立體聲 FM 廣播時會亮起。

○ — 此燈在選取 FM 單聲道接收時會亮起。

8 RDM

隨機播放期間會亮起 (第 21 頁)。

9 kHz/MHz

為指示字元顯示幕中所顯示的頻率單位 (kHz 適用於 AM, MHz 適用於 FM)。

10 字元顯示幕

11 ☆

此燈在睡眠定時啟動時會亮起 (第 14 頁)。

12 ▶

此燈在播放期間會亮起。

13 ⊠ PL II

此燈在 Dolby Pro Logic II 解碼期間會亮起 (第 15 頁)。

14 ⊠ D

此燈在播放 Dolby Digital 來源期間會亮起 (第 15 頁)。

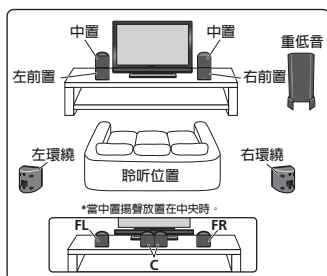
第 2 章 開始操作

家庭劇院音效設置

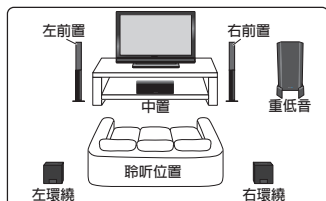
請依照下圖方式擺放揚聲器，使其產生最佳環繞音效（請參閱揚聲器安裝指南取得更多關於擺設上的指示）。

- **標準環繞聲設定** — 這是一種能提供最佳 5.1 聲道家庭劇院音效的標準多聲道環繞聲揚聲器設定方式。

HTZ171DVD 型號揚聲器配置¹：

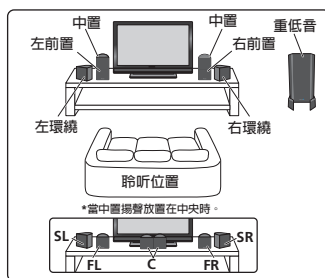


HTZ270DVD 型號揚聲器配置²：

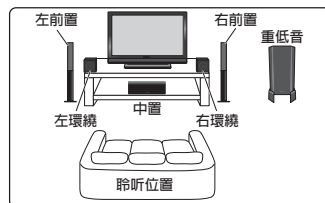


- **前置環繞聲設定** — 此種設定方式在無法進行後環繞揚聲器的擺設時，或您希望能避免在聆聽區內佈設過長的揚聲器線時，相當的實用。請使用此設定搭配第 15 頁的前置環繞聲模式。

HTZ171DVD 型號揚聲器配置¹：



HTZ270DVD 型號揚聲器配置²：



在您完成揚聲器的擺設後，請接著參閱下列設置聲道音量，第 31 頁的揚聲器設置以完成您的環繞音效設置。

附註

- 1 由於 HTZ170DVD 僅配有一組中置揚聲器，因此請依照上圖 HTZ270DVD 型號揚聲器配置的圖示擺放中置揚聲器。
- 2 請注意，HTZ272DVD 的環繞揚聲器與前置揚聲器的大小相同。

設置聲道音量

設置您主要聆聽位置的相對聲道音量。¹

1 按下 **SHIFT+TEST TONE**。

測試音調會按以下順序輸出（從目前聆聽模式下啓動中的揚聲器）：

- **L** – 左前置揚聲器
- **C** – 中置揚聲器
- **R** – 右前置揚聲器
- **SR** – 右環繞揚聲器
- **SL** – 左環繞揚聲器
- **SW** – 重低音²

2 使用 **VOLUME+/-** 以調整音量至適度的範圍。

3 使用 **↑/↓** 以輪流調整揚聲器的音量。

當坐在主要聆聽位置上，您應該會聽到來自每個揚聲器同樣音量的測試音調。聲道音量範圍為 ±10 dB。

4 在您完成時，按下 **ENTER** 以退出測試音調設置。

使用在屏顯示畫面（OSD）

爲了使用方便，本系統採用了大量圖形化的在屏顯示畫面（OSD）。

所有畫面的導覽方式基本上並無不同，請使用 **↑、↓、←、→** 變更反白項目，並按下 **ENTER** 完成選取。³

重要提示

- 整本手冊，「選取」是指使用游標按鍵反白在屏畫面中的項目，再按下 **ENTER** 之意。

| 按鍵 | 按鍵功能 |
|------------------|------------------|
| HOME MENU | 顯示/退出在屏顯示畫面（OSD） |
| ←↑↓→ | 變更反白的選單項目 |
| ENTER | 選取反白的選單項目 |
| RETURN | 返回主選單不做任何變更 |

提示

- 在 OSD 畫面下方的按鍵指南可告訴您操作畫面所需使用的按鍵。

碟片播放

播放 DVD、CD、VCD/ 超級 VCD、DivX 視頻 / WMV 及 WMA/MP3/MPEG-4 AAC 等碟片的基本播放控制，在此均適用。更多的功能會在第 4 章中詳細說明。

1 如果播放器尚未開機，請將它開機。

如果您正在播放含有影像的碟片，請同時將電視機打開並確定設置的是正確的視頻輸入。

附註

- 1 • 此項僅在選取 **DVD/CD** 且停止播放時，才能使用。另請確定耳機尚未接上。
- 2 • 要調整所聆聽音效來源的整體平衡，請按下 **SHIFT+SETUP**，使用 **←/→** 選取 **CH LEVEL**，然後按下 **ENTER**。使用 **←/→** 切換聲道，再以 **↑/↓** 調整聲道位準。在您完成時，按下 **ENTER**。
- 2 由於重低音會產生超低階頻率，因此其音效聽起來會較實際上的音量安靜一些。
- 3 螢幕保護程序會在系統閒置五分鐘後出現。

2 按下 ▲ OPEN/CLOSE 以置入碟片。

標籤面朝上置入碟片，利用碟片導槽對準碟片（如果您置入的是雙面 DVD 碟片，置入時請將想要播放的一面朝下）。



3 按下 ►（播放）以開始播放。

如果您播放的是 DVD 或 VCD/ 超級 VCD，便會出現一選單。請參閱第 13 頁的 DVD-Video 碟片選單及 VCD/ 超級 VCD PBC 選單內容，以熟知導覽的方法。

若是您置入的碟片當中含有 JPEG，則會開始幻燈片秀。與其相關的更多資訊，請參閱第 18 頁的播放 JPEG 幻燈片秀。

- 若碟片內含 DivX 視頻 / WMV 及其他媒體檔案類型（例如 MP3），首先請從螢幕操作畫面（OSD）中選取要播放 DivX 視頻 / WMV 檔案（DivX / WMV）或其他媒體檔案類型（MP3 / WMA / JPEG / MPEG-4 AAC）。

4 音量調整。

請使用 VOLUME +/- 來控制音量。

基本播放控制

以下表格所示為遙控器上用以播放碟片的基本控制。¹ 您在第 4 章中可以找到其他的播放功能。

| 按鍵 | 按鍵功能 |
|----|--|
| ► | 開始 / 恢復正常播放。 • 如果螢幕上顯示 RESUME 或 LAST MEM 的字樣，則播放作業便會從恢復播放或最後記憶的位置開始（請參閱下列 恢復播放及最終記憶播放）。 |
| | 暫停 / 繼續播放碟片。 |

按鍵 按鍵功能

- 可停止播放或取消恢復播放功能（如果螢幕上顯示 RESUME 字樣）。

◀◀ 按下可開始向後快轉。

▶▶ 按下可開始向前快轉。

◀◀ 可跳至目前曲目或章節的開頭，以及前一個曲目 / 章節。

▶▶ 可跳至下一個曲目或章節。

數字鍵 可用以輸入標題 / 章節 / 曲目的編號。按下 ENTER 按鍵以作出選擇。

- 如果碟片停止，則會從所選標題（DVD）或曲目（CD / VCD / 超級 VCD）的開頭處開始播放。

- 如果碟片正在播放，則會從所選標題（VR 模式 DVD-R / RW）、章節（DVD-Video）或曲目（CD / VCD / 超級 VCD）的開頭處開始播放。

恢復播放及最終記憶播放

您停止播放碟片時，RESUME 字樣會出現在螢幕中，表示您可以從該點位置來恢復播放。

對於 DVD 及 VCD / 超級 VCD 而言，即使退出，播放位置亦會儲存在記憶體裏。² 下次您置入碟片時，螢幕上即會顯示 LAST MEM 的字樣，同時讓您從此恢復播放。

如果您想要清除恢復播放的位置，請在螢幕上顯示 RESUME 的字樣時，按下 ■（停止）。

附註

- 1 在您播放某些 DVD 碟片時，您會發現有些播放控制可能無法用來播放碟片中的某些部分。
- 2 「恢復播放」及「最終記憶播放」功能可能不適用某些碟片。
 - 對於 DVD-Video 碟片（除 VR 模式 DVD-R / RW 外），本機可儲存最後五片的播放位置。

DVD-Video 碟片選單

許多 DVD-Video 碟片內含您可以選取想要觀賞內容的選單。

有時，DVD-Video 選單會自動在您開始播放時顯示在螢幕上；其他碟片只會在您按下 **MENU** 或 **TOP MENU** 時才會顯示。

| 按鍵 | 按鍵功能 |
|-----------------|---|
| TOP MENU | 顯示 DVD 碟片的「上層選單」— 此項功能會視碟片而有所不同。 |
| MENU | 可顯示 DVD 碟片選單—這會依碟片而有所不同，同時可能與「上層選單」功能相同。 |
| ←↑↓→ | 在畫面上四面移動游標。 |
| ENTER | 選取目前選單上的選項。 |
| RETURN | 返回前一個顯示的選單畫面。 |
| 數字鍵 | 可選取編有號碼的選單選項（僅適用於某些碟片）。按下 ENTER 按鍵以作出選擇。 |

VCD/ 超級 VCD PBC 選單

某些 VCD/ 超級 VCD 具有您可從中選取想要觀賞內容的選單。這些便是 PBC（播放控制）選單。

您可以直接利用數字鍵選取曲目，不用按下 ▶（播放）按鍵來開始播放，而無須導覽 PBC 選單，便可播放整張 PBC VCD/ 超級 VCD。

| 按鍵 | 按鍵功能 |
|---------------|--------------------------------------|
| RETURN | 顯示 PBC 選單。 |
| 數字鍵 | 選取編有號碼的選單選項。按下 ENTER 按鍵以作出選擇。 |
| ◀◀ | 顯示前一個選單頁（如果有的話）。 |
| ▶▶ | 顯示下一個選單頁（如果有的話）。 |

聆聽收音機

調諧器可以接 FM 及 AM 兩種廣播，並讓您能夠將自己愛聽的電台記憶下來，這樣就不必每次在要收聽時還得手動調諧。

1 按下 TUNER 以切換調諧器，然後連續按以選取 AM 或 FM 波段。
螢幕此時會顯示波段及頻率。

2 調選需要的頻率。
這裡有三種調諧模式—手動、自動及高速：

- **手動調諧：**連續按 **TUNE +/-** 以改變所顯示的頻率。
- **自動調諧：**按住 **TUNE +/-**，直到所顯示的頻率開始變動為止，然後將按鍵放開。一旦找到下一個電台，調諧器即會停止動作。重複步驟以繼續搜索。
- **高速調諧：**按住 **TUNE +/-**，直到顯示的頻率開始快速變動為止。繼續按住按鍵，直到您找到所需要的頻率。如有必要，可使用手動調諧功能來微調頻率。

改善 FM 接收不良

如果您正在以立體聲收聽 FM 電台，但接收卻很微弱，那麼您可以將它切換成單聲道來改善聲音的品質。

1 調選至 FM 廣播電台，然後按下 **SHIFT+SETUP。**

2 使用 **←/→ 以選擇 FM MODE，然後按下 **ENTER**。**

3 使用 **↑/↓ 以選取 FM MONO，然後按下 **ENTER**。**

調諧器在單聲道接收模式下，單聲道指示燈（○）會亮起。

選取 **FM AUTO** 以切換回自動立體聲模式（收聽立體聲廣播時，立體聲指示燈（∞）會亮起）。

記憶電台

您可儲存多達 30 個預設電台，讓您永遠可以輕鬆便能收聽喜愛的電台，而無須每次都要手動調諧。

1 調諧至 AM 或 FM 廣播電台。

對於 FM 波段，可視需要來選取單聲道或自動立體聲的接收方式。此項設定值會連同預設電台一併存。

2 按下 SHIFT+SETUP 並用 ←/→ 選擇「ST.MEM.」，然後按下 ENTER。

3 使用 ↑/↓ 以選取您要收聽的預設電台，然後按下 ENTER。

收聽預設電台

1 確定已選取 TUNER 功能。

2 使用 ST +/- 按鍵以選取一預設電台。

- 您也可以使用數字鍵來選取預設電台。

聆聽其他來源

可將輔助來源（電視機、衛星接收器等）連接至本機上，透過揚聲器系統播放。與其相關的更多資訊，請參閱第 34 頁的[連接輔助音頻設備](#)。

- 要將一 USB 裝置連接至 USB 端子上，請參閱第 25 頁的[USB 播放](#)。

1 確定外部來源（電視機、衛星接收器等）已經開機。

2 按下 LINE 以選取來源。

3 如有必要，可開始播放來源。

設置睡眠定時器

睡眠定時器可在您睡著約一小時後將系統關機，您完全無須擔心。¹

- 連續按 SHIFT+SLEEP 以選取選項，然後按下 ENTER。

選取下列選項：

- SLP ON — 約在一小時後關機
- SLP OFF — 取消睡眠定時器

在選取 SLP ON 後，您可以再按下 SHIFT+SLEEP 以確認一下剩餘的時間。每條線代表約 12 分鐘（剩餘時間）：

SLP - - - - 

附註

¹ 顯示幕在睡眠定時設置好時會變暗。

第 3 章 聆聽您的系統

自動聆聽模式

自動聆聽模式是聆聽主要控制的各種來源最簡單的方法：自揚聲器的輸出反映出來源題材中的通道。

- 按下 **SURROUND** 以選取 **AUTO** 聆聽模式。¹

以環繞聲聆聽

您可以環繞聲來聆聽立體聲或多聲道來源。² 環繞聲來自於採用某種 Dolby Pro Logic 解碼模式的立體聲來源。

- 連續按 **SURROUND** 以選取一種聆聽模式。¹ 顯示幕中所出現的選擇會依播放的來源類型而有所不同。
 - **AUTO** — 自動聆聽模式（如前述）
 - **DOLBY PL** (Dolby Pro Logic) — 可產生 4.1 聲道環繞音效（適用於雙聲道來源）
 - **MOVIE** (Dolby Pro Logic II Movie) — Pro Logic II 5.1 聲道環繞音效，特別適合電影來源（可用於任何一種雙聲道來源）
 - **MUSIC** (Dolby Pro Logic II Music) — 可產生 Pro Logic II 5.1 聲道環繞音效，特別適合音樂來源（適用於雙聲道來源）
 - **STEREO** — 請參閱下列以立體聲聆聽的說明

運用前置環繞聲

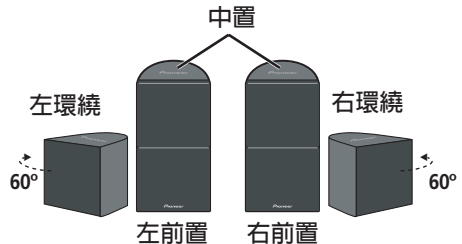
選取 **DVD/CD** 或 **USB** 作為輸入來源並如第 10 頁的 **家庭劇院音效設置** 中所述使用前置環繞揚聲器設定時，前置環繞聲模式和加大功率模式發揮作用。

- 連續按 **FRT. SURR/EXT PWR** 以選取「前置環繞聲」模式。
 - **FRT. SURR** — 可用於提供豐富的環繞音效。
 - **EXT POWER** — 從環繞揚聲器輸出立體聲音效（若為多聲道來源，向下混合立體音效），以獲得強大的立體聲效果。
 - **OFF** — 可將前置環繞聲模式／加大功率模式關閉。

使用前置環繞聲模式

環繞揚聲器應擺放在前置揚聲器的旁邊並面向（大約 60°）牆壁。

圖示者為 **HTZ171DVD** 型號：



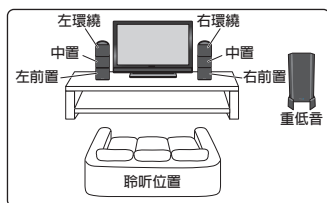
附註

- 1 若來源為 Dolby Digital 或 DTS，則前面板顯示幕中的相對指示燈會亮起。
- 2 注意需將輸入來源切換至 **DVD/CD** 或 **USB**，才能進行多聲道播放。

使用加大功率模式

「加大功率」模式為採用第 10 頁的家庭劇院音效設置中的前置環繞聲設定方式，但環繞揚聲器及中置揚聲器應指向與前置揚聲器相同的方向（朝向聆聽位置）。¹

圖示者為 HTZ171DVD 型號：



以立體聲聆聽

您可以在立體聲音效下聆聽任何一種來源—立體聲或多聲道。在播放多聲道來源時，所有聲道會經縮混後傳送至前置左/右揚聲器及重低音之中。

- 連續按下 **SURROUND** 直到顯示幕中出現 **STEREO** 的字樣為止。

以耳機聆聽

在接上耳機時，只有 **STEREO** 模式可以使用。²

調整低音及高音

使用低音及高音控制可調整全面的音調。

- 1 按下 **SOUND**。
- 2 使用 **←/→** 以選取「低音」或「高音」，然後按下 **ENTER**。
- 3 使用 **↑/↓** 調整聲音，然後按下 **ENTER** 確認。

使用 SFC 模式

SFC（音場控制）模式可以適用於任何的多聲道或立體聲來源，以提供各式其他的環繞聲效果。

- 1 按下 **SOUND**。
- 2 使用 **←/→** 以選取 **SFC MODE**，然後按下 **ENTER**。
- 3 按下 **↑/↓**，然後按下 **ENTER** 以選取 **SFC 音效模式**。
請選取 **OFF**（關）、**LIVE**（現場演奏）、**HALL**（音樂廳）、**POP**（流行樂）、**ROCK**（搖滾樂）、**DRAMA**（戲劇）或 **ACTION**（動作）。

加重低音音量

本機共有二種低音模式，您可用來增強來源中的低音音量。

- 1 按下 **SOUND**。
- 2 使用 **←/→** 以選取 **BASSMODE**，然後按下 **ENTER**。
- 3 使用 **↑/↓** 調整聲音，然後按下 **ENTER** 確認。
選取 **OFF**（關），**MUSIC**（音樂）或 **CINEMA**（劇院）。

附註

- 1 當開啓「加大功率」模式，多數音效功能便無法使用。如果您在加大功率模式啓動時試著使用受到限制的功能，那麼顯示幕將會短暫閃爍 **EXTRAPWR** 的訊息。
 - 請注意，使用耳機時，便無法使用「加大功率」模式。如果在接上耳機時按下 **FRT. SURR/EXT PWR**，前面板顯示 **CANNOT**（無法運作）錯誤訊息。
 - 加大功率模式開啓時，請確實按照安裝指南所述，才能產生最佳的音效。
 - 加大功率模式關閉時，聆聽模式會自動設定為 **AUTO**。
- 2 在您拔下耳機時，即會恢復成先前的環繞聲設定模式。

使用 MP3 擴展器

重現壓縮音樂的美聲（MP3、WMA、MPG-4 AAC）。

- 重複按 **MP3 EXP/V.ENH** 選擇 **MP3 EXP**。¹

使用聲音強化器模式

此模式可用於聆聽電影或對白中的台詞。

- 重複按 **MP3 EXP/V.ENH** 選擇 **VOICE.E**。²



附註

1. 不適用於 HTZ171DVD 機種 — 此模式僅對雙聲道來源有效。
 - 開啓此設定時，SFC 模式關閉。
2. 開啓此設定時，SFC 模式關閉。
 - 不適用於 HTZ171DVD 機種 — 僅適用於多聲道的 DVD 碟片。

第 4 章

碟片播放功能

重要提示

- 即使某些功能的實際操作會因置入的碟片種類而有些許上的差異，本章所涵蓋的許多功能仍可適用於 DVD 碟片、VCD/ 超級 VCD、CD、DivX 視頻/WMV 以及 WMA/MP3/MPEG-4 AAC/JPEG 碟片。
- 有些 DVD 會限制某些功能（例如隨機或重複播放）對碟片的部分或全部的使用。這並不是故障。
- 在播放 VCD/ 超級 VCD 時，某些功能在 PBC 播放期間並不適用。如果您想要使用這些功能，請使用數字鍵選取曲目來開始碟片的播放。

碟片掃描

您可以各種的速度向前或向後快速掃描碟片。¹

- 播放期間，按下 ◀◀ 或 ▶▶ 以開始掃描。連續按下以增加掃描速度（如在屏顯示）。
- 要恢復播放，按下 ▶（播放）按鍵。²

慢動作播放

您可以四種慢動作速度來播放 DVD、VCD/ 超級 VCD 及 DivX 視頻/WMV。DVD 碟片還可以反向慢動作播放。

附註

- 1 DivX 視頻/WMV 碟片僅適用一種速度。
- 2 視碟片而定，正常的播放會在讀取到 DVD 碟片上新的章節時，自動恢復。
 - 對於 PBC 模式中的 VCD/ 超級 VCD 以及 WMA/MP3/MPEG-4 ACC 曲目（限「掃描模式」中），到達曲目的開頭或結尾時將恢復正常播放。
- 3 本機將一份檔案載入的時間會隨著檔案容量愈大而增加。
 - 一張碟片可包含多達 299 個資料夾及 648 個合併的資料夾與檔案。

1 播放期間，按下 ||（暫停）按鍵。

2 按住 ◀|/◀|| 或 |||/▶| 按鍵，直到開始慢動作播放為止。
連續按以變更慢動作播放速度（如在屏顯示）。

- 要恢復播放，按下 ▶（播放）按鍵。²

格進/格退播放

您可以逐格向前或後退的方式播放 DVD 碟片。對於 VCD/ 超級 VCD 及 DivX 視頻/WMV，您可以使用格進播放。

1 播放期間，按下 ||（暫停）按鍵。

2 按下 ◀|/◀|| 或 |||/▶| 按鍵以後退或前進的方式一次一格播放。

- 要恢復播放，按下 ▶（播放）按鍵。²

播放 JPEG 幻燈片秀

在置入內含 JPEG 圖片的碟片後，請按下 ▶ 以開始從碟片上的第一個資料夾/圖片開始幻燈片秀。³本機會按字母順序來顯示每一個資料夾中的圖片。

- 若該裝置內含有 WMA/MP3/MPEG-4 AAC 檔案，則幻燈片秀及音頻檔案會不斷重複播放。音頻播放期間，您仍然可以使用跳過 (◀◀|▶▶) 、掃描 (◀◀|▶▶) 及暫停 (||) 等各項功能。

圖片會自動調整以盡量填滿整個螢幕畫面。

幻燈片秀播放時：

| 按鍵 | 按鍵功能 |
|------------|--|
| | 可暫停幻燈片秀（或音頻）的播放；再按時可再度開始播放。 |
| ◀◀ | 可跳至前一張圖片（或音頻檔案的音頻播放）。 |
| ▶▶ | 可跳至下一張圖片（或音頻檔案的音頻播放）。 |
| ◀/▶/↑/↓ | 可暫停幻燈片秀的播放，並旋轉／翻動所顯示的圖片（按下 ▶（播放）按鍵以再度開始播放幻燈片秀）。 |
| SHIFT+ZOOM | 可暫停幻燈片秀的播放，並將圖片放大。再按時可切換 1 倍、2 倍及 4 倍的放大倍數（按下 ▶（播放）按鍵以再度開始播放幻燈片秀）。 |
| MENU | 可顯示「碟片導向」畫面（參閱以下說明）。 |

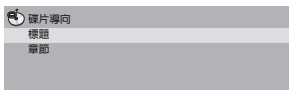
使用「碟片導向」瀏覽 DVD 或 VCD/ 超級 VCD 碟片

使用「碟片導向」可瀏覽整張 DVD 或 VCD/ 超級 VCD 碟片的內容，找到您想要播放的部分。

1 播放期間，按下 HOME MENU 並從在屏選單中選取「碟片導向」。



2 選擇檢視選項。



可以使用的選項視置入的碟片種類及是否要播放碟片而定，然而仍包含：

- **標題** — 指 DVD-Video 碟片中的標題。
- **章節** — 指 DVD-Video 碟片目前標題中的章節。
- **曲目** — 指 VCD/ 超級 VCD 碟片中的曲目。
- **時間** — 指 VCD/ 超級 VCD 碟片中每 10 分鐘一個的縮圖。
- **Original: 標題** — 指 VR 模式 DVD-R/-RW 碟片中的原始標題。
- **Playlist: 標題** — 指 VR 模式 DVD-R/-RW 碟片當中的播放清單標題。
- **Original: 時間** — 指原始內容中每 10 分鐘一個的縮圖。
- **Playlist: 時間** — 指播放清單中每 10 分鐘一個的縮圖。

整個螢幕畫面前後一次最多可接連顯示六張縮圖影像。要顯示前一組／下一組六張縮圖，按下 ◀◀/▶▶。

3 選取您要播放的縮圖影像。



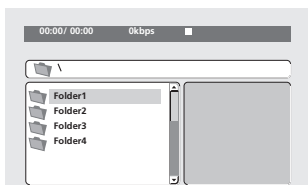
您可使用 ↑/↓/◀/▶ 及 ENTER 選取縮圖，或數字鍵。

要使用數字鍵選取時，請輸入兩位數字，然後按下 ENTER。

可利用「碟片導向」功能瀏覽 Windows Media Audio™ (WMA)、MP3、MPEG-4 AAC、 DivX 視頻 /WMV 及 JPEG 等檔案

使用「碟片導向」按照檔名尋找一特定的檔案或資料夾。

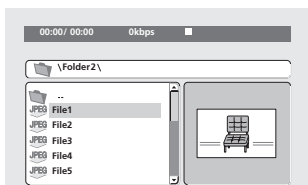
1 按下 HOME MENU 並從在屏顯示選單中選取「碟片導向」。



2 使用 ↑/↓/←/→ 及 ENTER 來瀏覽。
使用 ↑/↓ 可上下移動資料夾／檔案清單。
使用 ← 以回到根資料夾。¹

使用 ENTER 或 → 可開啓一反白的資料夾。

- 當反白 JPEG 檔案，便有一縮圖影像顯示在螢幕右側。



3 要播放反白的曲目或 DivX 視頻 /WMV 檔案或顯示反白的 JPEG 檔案時，可按下 ENTER。

- 當已選取 WMA/MP3/MPEG-4 AAC 或 DivX 視頻 /WMV 檔案，則會自該檔案開始播放到整個資料夾結束為止。

- 當選取了 JPEG 檔案，幻燈片秀即會開始，並從所選檔案開始播放，一直到整個資料夾播放完為止。

提示

- 在聆聽 WMA/MP3/MPEG-4 AAC 的播放時，也可以同時播放 JPEG 幻燈片秀。只需選取想要聆聽的音頻檔案，再選取想要播放幻燈片秀的 JPEG 檔案即可。此時幻燈片秀及音頻檔案會同時不斷重複播放。各項播放控制僅適用於 JPEG 幻燈片秀。
- 要播放整張碟片而不是只有目前資料夾的內容，請先退出「碟片導向」，然後使用 ▶（播放）按鍵來開始播放。

使用播放清單

配合此項功能，您可以將含有 WMA、MP3、MPEG-4 AAC 及 JPEG 檔案的碟片，製作成三份播放清單（每份 30 個檔案）。由於本機會記住最後十張置入碟片的所有播放清單，這在您想要快速且輕鬆地整理大量的檔案時，相當有用。²

製作播放清單

1 在碟片停止時，按下 HOME MENU 並從在屏顯示選單上選取「碟片導向」。

2 選取想要加到播放清單上的檔案。
若不知道怎麼做，請參閱上述 可利用「碟片導向」功能瀏覽 Windows Media Audio™ (WMA)、MP3、MPEG-4 AAC、DivX 視頻 / WMV 及 JPEG 等檔案。

3 按下 PLAYLIST 1、2 或 3。
此時檔案會加到所選取的播放清單上。

附註

- 您也可以進入最上層的「..」資料夾，然後按下 ENTER 來完成此項動作。
- 該碟片必須置入才能播放到播放清單當中的檔案。

4 重複步驟 2 及 3，直到整個操作完成。

提示

- 要在沒有在屏顯示畫面的情況下加入檔案，只需在正常播放所需檔案期間按下 **PLAYLIST 1、2 或 3** 即可（除在播放音頻的同時，又播放 JPEG 幻燈片秀外）。

聆聽播放清單

- 播放停止時，按下 **PLAYLIST1、2 或 3**。播放期間，前面板顯示幕中的 **PGM** 指示燈會起。若未設定任何播放清單，則顯示幕中會顯示 **NO LIST**。
- 若播放清單內含有 JPEG 及音頻兩種檔案，則會開始播放幻燈片秀及音頻檔案。

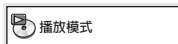
清除播放清單上的檔案

- 1 開始播放您的播放清單。
- 2 從「碟片導向」畫面上，反白想從播放清單上清除的檔案並按下 **CLEAR**。

循環播放碟片某個片段

「A-B 重複」功能可讓您指定一曲目（CD、VCD/ 超級 VCD）或一標題（DVD）中的兩點（A 及 B），來一直不斷地循環播放。

- 1 播放期間，按下 **HOME MENU** 並選取「播放模式」。



- 2 選取「A-B 重複」。

3 在「A（開始點）」上按下 **ENTER** 以設置循環播放的開始點。

4 在「B（結束點）」上按下 **ENTER** 以設置循環播放的結束點。

在按下 **ENTER** 後，播放作業會跳回至開始點，然後開始循環播放。

- 5 要恢復正常播放，請選取「關」。

使用重複播放功能

除了各種的重複播放選項外，也可以將重複播放同程序播放一起使用（請參閱第 22 頁的 *建立程序編輯清單*）。

- 1 播放期間，按下 **HOME MENU** 並選取「播放模式」。

2 選取「重複」，然後選取重複播放選項。¹ 如果程序播放功能啟動，可選取重複播放程式來重複播放程序編輯清單，或選取關閉重複播放取消重複播放。

- 播放 DVD 碟片時，可選取重複播放標題或重複播放章。
- 播放 CD 及 VCD/ 超級 VCD 時，可選取重複播放單碟或重複播放曲目。
- 對於 DivX 視頻 / WMV 碟片，可選取重複播放標題（或是關閉重複播放）。

使用隨機播放功能

可使用此項功能以隨意的順序來播放標題或章節（DVD-Video）或曲目（CD 和 VCD/ 超級 VCD）。²

- 1 播放期間，按下 **HOME MENU** 並選取「播放模式」。

附註

- 1 WMA/MP3/MPEG-4 AAC 碟片無法使用重複播放。
- 2 您可以在碟片播放或停止的同時，設置隨機存取的選項。然而，您無法將隨機播放搭配程序播放一起使用。
 - 您不能使用隨機播放來播放 VR 格式 DVD-R/RW 碟片、WMA/MP3/MPEG-4 AAC 碟片、DivX 視頻 / WMV 碟片，或在 DVD 碟片選單已顯示的情況下使用。

2 選取「隨機」，然後選取一選項。

- 播放 DVD 碟片時，可選取**隨機播放標題**或**隨機播放章**。
- 播放 CD 及 VCD/超級 VCD 時，可選取**開**或**關**以開啓或關閉隨機播放功能。



提示

- 隨機播放期間使用以下控制功能：

| 按鍵 | 按鍵功能 |
|----|--|
| ▶▶ | 隨機播放下選取一新的曲目／標題／章節。 |
| ◀◀ | 可返回至目前曲目／標題／章節的開頭；再按時可隨機選取其他的曲目／標題／章節。 |

- 隨機播放會繼續執行，直到您從隨機播放選項中選取了**隨機播放關閉**為止。

建立程序編輯清單

本項功能可讓您編輯碟片上標題／章節／曲目的播放順序程序。¹

1 播放期間，按下 HOME MENU 並選取「播放模式」。

2 選取「程序編輯」然後從程序編輯選項清單中選取「編序創建／編輯」。

3 使用 ↑/↓/←/→ 及 ENTER 以選取一標題、章節或曲目作為目前在節目清單中的步驟。

對於 DVD 碟片，您還可以增加標題或是章節。

- 對於 CD 或 VCD/超級 VCD，可選取曲目加到程序編輯清單之中。

在按下 **ENTER** 選取標題／章節／曲目後，編序步驟編號會自動向下移動一位。

4 請重複步驟 3 以建立一編序列表。

一份編序列表中可包含多達 24 個編序步驟。

- 您只需將您想顯示新編序步驟的位置加以反白再輸入標題／章節／曲目編號，便可插入編序步驟。
- 要刪除編序步驟，請將其反白後按下 **CLEAR** 即可。

5 要播放編序列表，請按下 ▶（播放）按鍵。

程序編輯清單會繼續存在，直到您關閉程序播放（參閱以下說明）、刪除程序編輯清單（參閱以下說明），退出碟片或關機為止。



提示

- 程序播放期間使用以下控制功能：

| 按鍵 | 按鍵功能 |
|-----------|---------------------|
| HOME MENU | 可儲存程序編輯清單並退出但不播放。 |
| ▶▶ | 可跳至程序編輯清單中的下一個編序步驟。 |

程序編輯選單中其他可用的功能

在程序編輯選單中尚有除了編序創建／編輯以外的其他選項。

- **編序播放開始** — 可開始播放儲存的程序編輯清單
- **編序播放停止** — 可關閉程序播放，但不會刪除程序編輯清單
- **編序刪除** — 可刪除程序編輯清單並關閉程序播放

附註

¹ VR 格式的 DVD-R/RW 碟片、WMA/MP3/MPEG-4 AAC 碟片、DivX 視頻/WMV 碟片或 DVD 碟片選單顯示時，無法使用程序播放功能。

搜索碟片

您可以按標題或章節編號，或按時間來搜索 DVD 碟片；CD 及 VCD/ 超級 VCD 可按曲目編號或時間；DivX 視頻 /WMV 碟片則可按時間來搜索。

1 按下 HOME MENU 並選取「播放模式」。

2 選取「搜索模式」。

所呈現的搜索選項會視置入的碟片種類而定。

3 選取搜索模式。

- 碟片必須按序播放以便使用時間搜索功能。

4 使用數字鍵輸入標題、章節或曲目編號，或時間。

- 使用時間搜索時，請按照您想要恢復播放的位置來輸入目前播放標題（DVD/DivX 視頻 /WMV）或曲目（CD/VCD/ 超級 VCD）的分鐘數及秒數。例如，按下 4、5、0、0 即會從碟片上的第 45 分鐘位置開始播放。想要輸入 1 小時、20 分鐘又 30 秒時，可按下 8、0、3、0。

5 按下 ENTER 開始播放。

切換字幕

某些 DVD 碟片及 DivX 視頻碟片擁有一種以上語言的字幕；在碟片包裝上會清楚告訴您可以使用的字幕語言種類。您可以在播放期間來切換字幕語言。¹

• 連續按下 SHIFT+SUBTITLE 以選取一種字幕選項。

- 要設置字幕的喜好設定，請參閱第 30 頁的語言設定值。

- 更多關於 DivX 字幕的資訊，請參閱第 38 頁的顯示 DivX 字幕檔案。

切換對白語言／音頻聲道

在播放錄有兩種以上語言對白內容，或錄有雙單聲道音效的碟片時²，您可以在播放期間來切換這些功能。³

• 連續按下 SHIFT+AUDIO 以選取一種對白語言選項。

- 要設置對白語言的喜好設定，請參閱第 30 頁的語言設定值。

附註

1 某些碟片僅允許您從碟片選單中來改變字幕語言。按下 TOP MENU 或 MENU 即可進入選單。

2 某些超級 VCD 錄有兩種音軌。在播放這些碟片時，您可以切換這兩種音軌，以及每個音軌獨有的聲道。

3 某些碟片僅允許您從碟片選單中來改變對白語言。按下 TOP MENU 或 MENU 即可進入選單。

放大畫面

使用放大功能，您可以在觀賞 DVD、DivX 視頻 /WMV 標題或 VCD/ 超級 VCD，或播放 JPEG 碟片時，將畫面某個部位放大 2 倍或 4 倍。


1 播放期間，按下 **SHIFT+ZOOM** 以選取放大的倍數（正常、2x 或 4x）。

2 使用 **↑/↓/←/→** 來變更縮放區域。

您可以在播放期間自由切換放大倍數，以及放大區域。¹

切換拍攝角度

某些 DVD 碟片錄有兩種以上角度拍攝而成的場景－請參閱碟片包裝上的詳細說明。

在播放多角度場景時，屏幕上會出現  的圖示（您也可以選擇將它關閉－請參閱第 31 頁的顯示幕設定值）。

- 播放期間（或暫停時），按下 **SHIFT+ANGLE** 以切換角度。

顯示碟片資訊

播放期間，可將各種曲目、章節及標題的資訊顯示在屏幕上。

- 要顯示／切換／隱藏顯示的資訊，可連續按下 **DISPLAY**。

有限的碟片資訊亦會出現前面板的螢幕中。按下 **DISPLAY** 以變更所顯示的資訊。

附註

1 • 由於 DVD、VCD/ 超級 VCD、DivX 視頻 /WMV 標題及 JPEG 圖片只有固定的解析度，因此畫質特別在放大 4 倍時會有失真情形。這並不是故障。

- 如果畫面上方的導向方塊消失，可按下 **SHIFT+ZOOM** 再將它顯示在螢幕上。

第 5 章

USB 播放

使用 USB 介面

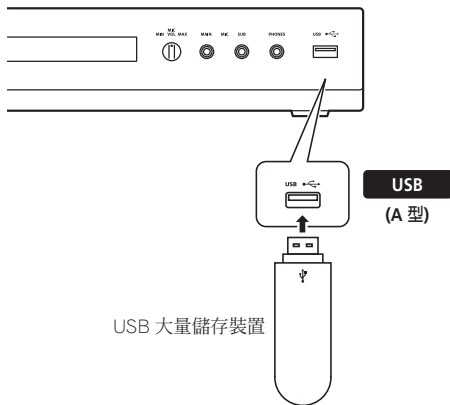
利用本機前面的 USB 介面就可以聆聽雙聲道音頻¹並觀看 JPEG 檔案。按下圖方式連接一 USB 大量儲存裝置²。

1 開啓播放器後，按下 USB。

確定電視機已開並設定為正確的視頻輸入。

2 連接您的 USB 裝置。

USB 端子的位置就在前面板上。



3 按下 ► (播放) 以開始播放。

若是您的 USB 裝置當中含有 JPEG，則會開始幻燈片秀。與其相關的更多資訊，請參閱第 26 頁的播放 JPEG 幻燈片秀。

- 確定在脫離時（或系統在待機狀態下），前面板顯示幕上顯示 **USB DATA**。

重要提示

若顯示幕中的 **USB ERR** 訊息指示燈亮起，則表示該 USB 裝置的電源需求對於本機來說太高，或該裝置不相容。請嘗試以下方法：

- 關閉播放器，然後再開啓。
- 重新在播放器關閉時將 USB 裝置接上。
- 選取其他輸入來源（如 **DVD/CD**），然後回頭選取 **USB**。
- 使用原廠專用的 AC 電源變壓器（隨裝置附贈）供應 USB 電源。

若上述方式無法解決問題，則應該是您的 USB 裝置不相容。

基本播放控制

下表為說明遙控器在 USB 播放方面所使用的一些基本控制。

| 按鍵 | 按鍵功能 |
|-----|---------------------------|
| ► | 開始正常播放。 |
| | 暫停／解除暫停播放。 |
| ■ | 停止播放。 |
| ◀◀ | 按下可開始向後快轉。 |
| ▶▶ | 按下可開始向前快轉。 |
| ◀◀◀ | 可跳至目前播放檔案的最前面位置，再跳至前一個檔案。 |
| ▶▶▶ | 可跳至下一個檔案。 |

附註

1 這包括 WMA/MP3/MPEG-4 AAC 檔案（除含防拷內容或限制播放內容的檔案外）的播放。

2 相容的 USB 裝置包括屬於 FAT16/32 格式的磁碟機、可攜式快閃記憶體（特殊隨身碟）及數位音頻播放器（MP3 播放器）。本機不能連接至個人電腦上進行 USB 播放。

• 先鋒概不保證所有 USB 大量儲存裝置的相容性（操作及／或匯流排電源），亦不承擔連接至本機時可能造成資料遺失的相關責任。

- 資料含量很大時，系統需要較長的時間來讀取 USB 裝置的內容。

掃描檔案

您可以各種的速度向前或向後快速掃描碟片。

- 播放期間，按下 ◀◀ 或 ▶▶ 以開始掃描。連續按下以增加掃描速度（如在屏顯示）。
- 要恢復播放，按下 ▶（播放）按鍵。¹

播放 JPEG 幻燈片秀

按下 ▶ 可開始從第一個資料夾／圖片開始幻燈片秀。² 每個資料夾中的圖片會依序顯示。

- 若該裝置內含有 WMA/MP3/MPEG-4 AAC 檔案，則幻燈片秀及音頻檔案會不斷重複播放。音頻播放期間，您仍然可以使用跳過 (◀◀/▶▶) 及暫停 (||) 等各項功能。

圖片會自動調整以盡量填滿整個螢幕畫面。

幻燈片秀播放時：

| 按鍵 | 按鍵功能 |
|------------|--|
| | 可暫停幻燈片秀（或音頻）的播放；再按時可再度開始播放。 |
| ◀◀ | 可跳至前一張圖片（或音頻檔案的音頻播放）。 |
| ▶▶ | 可跳至下一張圖片（或音頻檔案的音頻播放）。 |
| ◀/▶/↑/↓ | 可暫停幻燈片秀並旋轉／翻轉目前的圖片（按下 ▶（播放）按鍵可重新開始幻燈片秀）。 |
| SHIFT+ZOOM | 可暫停幻燈片秀的播放，並將圖片放大。再按時可切換 1 倍、2 倍及 4 倍的放大倍數（按下 ▶（播放）按鍵以再度開始播放幻燈片秀）。 |

附註

- 1 如為 WMA/MP3/MPEG-4 AAC 曲目，則會自動從該曲目的最終或最前位置自動恢復播放。
- 2 本機將一份檔案載入的時間會隨著檔案容量愈大而增加。
 - USB 裝置可容納多達 299 個資料夾，以及 648 個合併的資料夾及檔案。
- 3 有些數位音頻播放器在顯示檔案名稱時可能會不正確。
- 4 您也可以進入最上層的「..」資料夾，然後按下 ENTER 來完成此項動作。

| 按鍵 | 按鍵功能 |
|------|---------------------|
| MENU | 可顯示「導覽器」畫面（參閱以下說明）。 |

利用「導覽器」瀏覽檔案

使用「導覽器」按名稱搜索 WMA、MP3、MPEG-4 AAC 及 JPEG 檔案或資料夾。³

- 1 按下 MENU。
- 2 使用 ↑/↓/←/→ 及 ENTER 來瀏覽。使用 ↑/↓ 上/下移動資料夾／檔案清單。使用 ← 以回到根資料夾。⁴ 使用 ENTER 或 → 可開啓一反白的資料夾。
 - 當反白 JPEG 檔案，便有一縮圖影像顯示在螢幕右側。
- 3 要播放反白的曲目或顯示反白的 JPEG 檔案，請按下 ENTER。
 - 當已選取 WMA/MP3/MPEG-4 AAC 檔案，則會自該檔案開始播放到整個資料夾結束為止。
 - 當選取了 JPEG 檔案，幻燈片秀即會開始，並從所選檔案開始播放，一直到整個資料夾播放完為止。

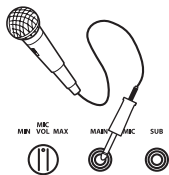
提示

- 在聆聽 WMA/MP3/MPEG-4 AAC 的播放時，也可以同時播放 JPEG 幻燈片秀。只需選取想要聆聽的音頻檔案，再選取想要播放幻燈片秀的 JPEG 檔案即可。此時幻燈片秀及音頻檔案會同時不斷重複播放。各項播放控制僅適用於 JPEG 幻燈片秀。
- 欲播放的不僅是目前的資料夾而是全部的內容時，請退出「導覽器」並使用 ▶（播放）按鍵。

第 6 章 卡拉 OK 伴唱

卡拉 OK 伴唱

使用伴唱功能，您可以將麥克風插上後，將自己的聲音溶入背景音樂當中。¹ 您可以選擇來自 CD、DVD、VCD 或 USB 裝置等音源的背景音樂。請調整麥克風與背景相對的音量。



1 設置 MIC VOL 鈕（前面板）至最低音量。

2 插入麥克風。

如果只有使用一隻麥克風，請將它插上 MIC (MAIN) 插孔。MIC (SUB) 插孔只能在有接上 MIC (MAIN) 的情況下才能使用。

- 如果麥克風上有開關，請撥至開的位置。

3 置入有伴唱背景音樂的碟片。

您也可以利用 USB 裝置的曲目作為背景音樂的來源媒體。

4 調整 KARAOKE 模式設定。

• 按 **SHIFT+KARAOKE** 可開啓或關閉碟片（左右置聲道有人聲）的 KARAOKE 模式：

KARAOKE（人聲消音）－背景音樂中的人聲有部分會消音。

OFF（預設值）－可將伴唱模式關閉。

• 按 **SHIFT+AUDIO** 可切換碟片（僅單聲道有人聲曲目）的音頻聲道（除資料碟片和 USB 來源外）：

Left－僅左聲道。用於右聲道中錄製有人聲道的曲目。

Right－僅右聲道。用於左聲道中錄製有人聲道的曲目。

STEREO－可將伴唱模式關閉。

5 播放背景音樂。

6 調整 MIC VOL 旋鈕至您想要的聲音。

為避免產生惱人的回饋信號，請確定您沒有將麥克風朝向揚聲器。²

變更混聲效果

在麥克風混聲中加入一些效果有時可以改善整體聲音的感覺。³ 您可以選擇三種迴音位準。

• 要在麥克風中加入效果，請按下 **SHIFT+ECHO**。
連續按下以切換 Level 1 至 Level 3 及關閉。

變更背景音樂

您可能需要降低或提高背景音樂的音量以配合您的聲音。⁴

• 按下 **SHIFT+b** 或 **SHIFT+#** 以降低或提高背景音樂的音量高低。

附註

1 • 這些功能只有在接上麥克風時才可使用。如果您嘗試在未接上麥克風時使用 **SHIFT+KARAOKE**、**SHIFT+ECHO**、**SHIFT+b**、或 **SHIFT+#**，則螢幕會顯示 **NO MIC**（未接上麥克風）訊息。另請注意，在播放 DVD 的期間，當您接上麥克風時，聲音設定自動切換成 **STEREO** 播放，並將多聲道來源縮混成 2.1 聲道。

- 這些功能只能搭配 DVD/CD 或 USB 輸入功能使用。

2 視麥克風音量而定，碟片的聲音可能會失真。如果發生此種情形，請將音量調低。

3 插入麥克風時，無法調整 SFC 模式、音調控制（低音、高音和低音加重）、加大功率模式、前置環繞聲模式、MP3 擴展器模式或聲音強化器模式。

4 此功能與 DTS 訊號不相容。

第 7 章

「音頻設置」及「視頻調整」選單

「音頻設置」選單

「音頻設置」選單可提供調整碟片聲音的功能。

1 按下 HOME MENU 並從在屏顯示畫面中選取「音頻設置」。



2 使用 ↑/↓/←/→ 及 ENTER 來選取及變更設定值。



音頻 DRC (動態範圍控制)

- 設置：高、中、低、關 (預設值)

在以低音量觀賞 Dolby Digital DVD 時，很容易完全失去較靜的聲音—包括一些對白在內。將音頻 DRC (動態範圍控制) 啟動可有助於突顯較輕的聲音，同時有效控制較重的聲音。

所聽到聲音的差別，視您聆聽的媒體內容而定。如果媒體內容在音量上沒有太多變化，那您便不會注意有何不同。¹

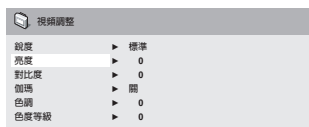
「視頻調整」選單

從「視頻調整」的功能畫面中，您可以調整能影響影像呈現的設定值。

1 按下 HOME MENU 並從在屏顯示畫面中選取「視頻調整」。



2 使用 ↑/↓/←/→ 及 ENTER 來完成設定值。



您可以調整以下的設定值：

- 銳度—可調整畫面邊緣的銳利度 (精細、標準、柔和)
- 亮度—可調整整體呈現的亮度 (-20 至 +20)
- 對比度—可調整亮與暗之間的對比呈現 (-16 至 +16)
- 伽瑪—可調整影像的「暖度」(高、中、低、關)
- 色調—可調整紅／綠平衡 (綠色 9 至紅色 9)
- 色度等級—可調色彩呈現的飽和度 (-9 至 +9)

使用 ←/→ 來調整亮度、對比度、色調及色度等級等設定值。



3 按下 ENTER 以返回「視頻調整」功能畫面，或按下 HOME MENU 退出功能畫面。

附註

¹ 音頻 DRC 僅對 Dolby Digital 音頻來源能發揮效用。

第8章

「初始設置」選單

使用「初始設置」選單

「初始設置」選單提供音頻及視頻輸出設定值、成人鎖定，以及顯示設定值等。

如果選項呈現淡出的灰色，則表示此時無法接受變更。此種情形通常是因為碟片正在播放的緣故。請停止碟片的播放，再變更設定值。

- 1 按下 DVD/CD。
- 2 停止播放時，按下 HOME MENU 並選取「初始設置」。



- 3 使用 ↑/↓/←/→ 及 ENTER 以選取想要的設定值及選項。

所有設定值及選項將會在後續的內容中詳加說明。¹

視頻輸出設定值

| 設定值 | 選項 | 說明 |
|------------------------------------|-------------------|---|
| 電視機屏幕 (另請參閱第 41 頁的畫面大小及碟片格式。) | 4:3 (Letter Box) | 如果您使用的是傳統 4:3 電視機時，需設置此項。寬螢幕電影在播放時，上下兩側會有黑色條邊。 |
| | 4:3 (Pan & Scan) | 如果您使用的是傳統 4:3 電視機時，需設置此項。寬螢幕電影在播放時會裁掉左右兩側一部分，以利填滿整個螢幕。 |
| | 16:9 (Wide) | 如果您使用的是寬螢幕電視機時，需設置此項。 |
| | 16:9 (Compressed) | 如果您使用的是寬螢幕電視機時，需設置此項。播放 4:3 的內容時，畫面其中一側將顯示黑色條邊。 ² |
| 色差視頻輸出 (另請參閱第 35 頁的使用色差視頻輸出連接。) | 隔行掃描 | 您的電視機若不適用於逐行掃描視頻時，需設置此項。 |
| | 逐行掃描 | 您的電視機如果適用於逐行掃描視頻時，需設置此項（請參閱您電視機操作手冊中的詳細說明）。再按一次 ENTER 確認（或按下 RETURN 取消設置）。 請注意，逐行掃描視頻僅可經由色差視頻插孔輸出。 |

附註

- 1 在表中，預設值會以**粗體字**顯示；其他的設定值則會以**斜體字**顯示在螢幕上。
 - 2 某些設定值，像是**電視機屏幕**、**對白語言**及**字幕語言**可能對 DVD 碟片並不具效用。通常這些設定值亦可從 DVD 的碟片選單中來完成設置。
 - **HDMI 解析度**與**HDMI 色彩**設定值只有在您利用 HDMI 接頭將本播放器連接至 HDMI 相容設備時，才有必要進行設定。
- 當您經由 HDMI 連接方式、並將 HDMI 解析度設為 1920x1080p、1920x1080i 或 1280x720p 時，才能使用此設定。使用此設定值時，您只能使用 HDMI 連接方式。

| 設定值 | 選項 | 說明 |
|--|--|---|
| HDMI 解析度 * (請參閱第 35 頁的使用 HDMI 連接。) | 1920x1080p | 若電視機支援 1920 x 1080 畫素逐行掃描，則請設定此項。 |
| | 1920x1080i | 若電視機支援 1920 x 1080 畫素隔行掃描，則請設定此項。 |
| | 1280x720p | 若電視機支援 1280 x 720 畫素逐行掃描，則請設定此項。 |
| * 預設值會配合電視格式 (PAL/NTSC) 改變。 | 720x480p (NTSC)/ 720x576p (PAL) | 若電視機支援 720 x 480 (NTSC)/720 x 576 (PAL) 畫素逐行掃描，請設定此項。 |
| | 720x480i (NTSC)/ 720x576i (PAL) | 若電視機支援 720 x 480 (NTSC)/720 x 576 (PAL) 畫素隔行掃描，請設定此項。 |
| HDMI 色彩 * (請參閱第 35 頁的使用 HDMI 連接。) | 進階 RGB | 色彩微弱時，可提供更亮麗的色彩及更深的黑色 (此預設值適用於 HDMI 相容的 DVI 設備)。 |
| | RGB | 使用「進階 RGB」設定值時，若色彩太過飽滿，請設定此項。 |
| | 色差 | 可輸出 8-bit 的色差視頻格式 (此預設值適用於 HDMI 相容設備)。 |

語言設定值

| 設定值 | 選項 | 說明 |
|----------|-----------------------|----------------------------------|
| 對白語言 | 英語 / 英語 (台灣機種) | 如果碟片上錄有漢語的音軌，即會播放。 |
| | 同顯示的語言 / 漢語 (台灣機種) | 如果選取了碟片上語言 (或漢語 適用於台灣機種)，即會播放。 |
| | 其他語言 | 選取所顯示以外的語言 (請參閱第 47 頁的使用語言代碼清單)。 |
| 字幕語言 | 英語 / 英語 (台灣機種) | 如果碟片上有漢語字幕，即會顯示。 |
| | 同顯示的語言 / 漢語 (台灣機種) | 會顯示在碟片上選取的字幕語言 (或漢語 適用於台灣機種)。 |
| | 其他語言 | 選取所顯示以外的語言 (請參閱第 47 頁的使用語言代碼清單)。 |
| DVD 菜單語言 | 字幕語言運動 | 可能的話，DVD 碟片選單會以和您所選字幕語言相同的語言顯示。 |
| | 同顯示的語言 | 可能的話，DVD 選單會以所選的語言顯示。 |
| | 其他語言 | 選取所顯示以外的語言 (請參閱第 47 頁的使用語言代碼清單)。 |
| 字幕顯示 | 開 | 字幕會按您所選的字幕語言顯示。 |
| | 關 | 在您播放 DVD 碟片時，字幕會依預設方式保持關閉的狀態。 |

顯示幕設定值

| 設定值 | 選項 | 說明 |
|--------|----------------------|---------------------------------|
| 在屏顯示語言 | 英語／ 英語 (台灣機種) | 在屏顯示畫面會按英語顯示。 |
| | 同顯示的語言／ 中文 (台灣機種) | 在屏顯示畫面會按所選的語言顯示 (或漢語 適用於台灣機種)。 |
| 角度指示燈 | 開 | 在播放 DVD 碟片上的多角度場景期間，螢幕上會顯示相機圖示。 |
| | 關 | 不顯示多角度指示圖示。 |

選項設定值

| 設定值 | 選項 | 說明 |
|-------------|---------|--------------------------------|
| 成人鎖定 | - | 請參閱下列 <i>成人鎖定</i> 。 |
| DivX(R) VOD | Display | 請參閱下列 <i>關於 DivX® VOD 內容</i> 。 |

揚聲器設置

| 設定值 | 選項 | 說明 |
|-------|----|--|
| 揚聲器距離 | - | 可指定揚聲器與聆聽位置的距離 (請參閱第 33 頁的 <i>揚聲器距離</i>)。 |

成人鎖定

- 預設等級：**關**；預設密碼：**無**；預設國家／地區代碼：**us (2119)**

為了讓您可以控制不讓您的小孩使用您的 DVD 播放器觀賞影片，某些 DVD-Video 碟片結合有成人鎖定的分級功能。如果您的播放器設置的等級較碟片為低，碟片便無法播放。

某些碟片也有支援國家／地區代碼功能。本機無法播放這些碟片上的某些場景，視您設置的國家／地區代碼而定。

登錄新密碼

請輸入密碼以變更成人鎖定等級或輸入國家／地區代碼。¹

1 選取「密碼」。



2 使用數字鍵輸入四位數字密碼，然後按下 ENTER。

更換密碼

要更改密碼，請先確認現有密碼，再輸入新的密碼。

- 選取「更換密碼」，輸入現行的密碼，然後按下 **ENTER**。
- 輸入新密碼並按下 **ENTER**。

附註

- 並非所有種類的碟片都適用成人鎖定功能，而且亦無須輸入密碼才能播放。
 - 如果您忘記密碼，您可能需要將播放器重置才能登記新的密碼 (請參閱第 47 頁的 *重新設置系統*)。

設置／改變「成人鎖定」

- 1 選取「改變級別」。
- 2 使用數字鍵輸入您的密碼，然後按下 **ENTER**。
- 3 選取新的等級並按下 **ENTER**。
 - 連續按 **←** 以鎖定在更高的層次（更多碟片需要使用密碼）；按下 **→** 以取消鎖定層次。您不能鎖在等級 1。

設置／變更國家／地區代碼

您可以從第 48 頁的**國家／地區代碼清單**當中找到。

- 1 選取「國家代碼」，輸入密碼，然後按下 **ENTER**。
- 2 選取國家／地區代碼，然後按下 **ENTER**。
在此提供兩種設置的方法：
 - 按字母代碼選取：使用 **↑/↓** 以變更國家／地區代碼。
 - 按數字代碼選取：按下 **→**，然後使用數字鍵輸入四位數字的國家／地區代碼。

在退出碟片後，新的國家／地區代碼便立即生效。

關於 DivX® VOD 內容

爲了讓 DivX VOD（隨選視頻）的內容能在本機上播放，您必須先向您的 DivX VOD 內容供應商登錄本機的資料。您可以藉由產生一組 DivX VOD 登錄代碼，發送給您的供應商來完成登錄作業。¹



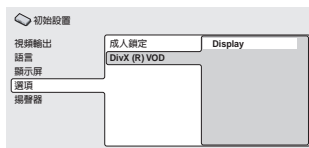
重要提示

- DivX VOD 內容受 DRM（數位版權管理）系統所保護。這會限制只有一些特定、已登錄的裝置才能播放。

- 如果您在本機內置入一片未經授權使用，內含 DivX VOD 內容的碟片，螢幕上即會顯示 **Authorization Error**（授權錯誤）的訊息，同時內容亦無法播放。

顯示您的 DivX VOD 登錄代碼

- 1 按下 **HOME MENU** 並選取「初始設置」。
- 2 選取「選項」，然後是「DivX (R) VOD」。



- 3 選取「Display」。
螢幕上顯示您的八位數字登錄代碼。
請記下代碼，因為在向您的 DivX VOD 供應商登錄時會需要用到。

播放 DivX® VOD 內容

某些 DivX VOD 內容僅能作一定時間的播放。在您置入含有此種 DivX VOD 內容的碟片時，剩餘播放次數便會顯示在螢幕上，然後您便可以選擇要播放碟片（因此可以用上其中一種剩餘播放次數），或停止播放。如果您置入的是含有期限已過的 DivX VOD 內容（例如，內容的剩餘播放次數是零），則螢幕上便會顯示 **Rental Expired**（租期已過）的訊息。

如果您的 DivX VOD 內容允許不限次數的播放，那您便可以將碟片置入本機，並播放您常看的內容，螢幕上亦不會顯示任何訊息。

附註

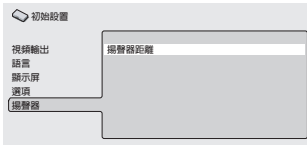
1 重置本機（請參閱第 47 頁的**重新設置系統**乙節說明）不致使您失去您的登錄代碼。

揚聲器距離

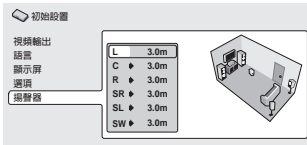
- 預設值：3.0m

想要從您的系統中產生最佳的環繞音效，應將相距聆聽位置兩側的揚聲器設定為同等距離。

- 1 按下 **HOME MENU** 並選取「初始設置」。
- 2 選取「揚聲器」，然後是「揚聲器距離」。



- 3 使用 **↑/↓** 以選取一揚聲器。



- 4 按下 **→** 以變更反白揚聲器的揚聲器間距。

- 5 使用 **↑/↓** 變更間距。

- 在您變更左前置（L）或右前置（R）揚聲器的間距設定值時，所有其他揚聲器的間距亦會相對變更。
- 左／右前置（L/R）揚聲器間距可以每 30 cm 為增加單位，從 30 cm 增至 9 m。¹
- 中置揚聲器（C）可以 -2.1 m 至 0 m 的距離相對於左／右前置揚聲器設置。
- 左／右環繞（SL/SR）揚聲器可以設置從可以 -6.0 m 至 0 m 的距離相對於左／右前置揚聲器設置。²

- 重低音（SW）可以設置從可以 -2.1 m 至 0 m 的距離相對於左／右前置揚聲器設置。

- 6 如果您想要變更其他的揚聲器間距值，請按下 **←** 以返回揚聲器清單，或按下 **ENTER** 以退出揚聲器間距畫面。



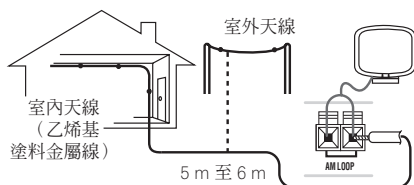
附註

- 1 L 及 R 揚聲器均是成對的；您無法分開來設置。
- 2 在使用加大功率模式（第 16 頁）時，請確實設置以相同的間距。

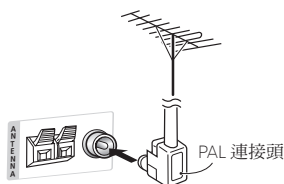
第 9 章 其他接線

連接外部天線

連接外部 AM 天線時，可使用 5 m 至 6 m 乙烯基金屬線並安裝於室內或室外。保留連接的環型天線。限使用隨附的 AM 環形天線。

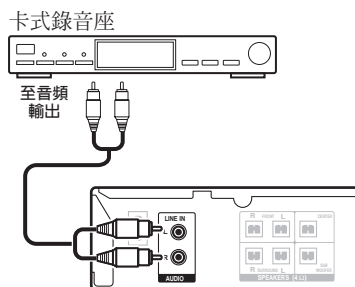


連接外部 FM 天線時，可使用 PAL 連接頭接上一組 FM 天線。



連接輔助音頻設備

使用立體聲類比輸入可連接卡式錄音座或 MD 播放器等外部設備，經由本系統播放。



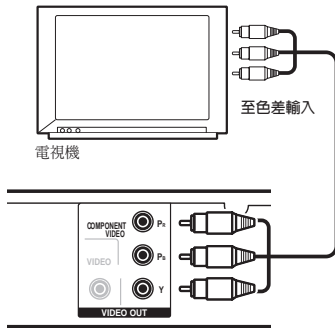
- 連接AUDIO IN插孔至外部播放設備的類比輸出上。

可使用 RCA 針頭型立體聲連接線來連接。

使用色差視頻輸出連接

如果您的電視機有色差視頻輸入，您可以使用這些輸入取代標準視頻輸出以得到更好的畫質。¹

- 使用色差視頻連接線連接 COMPONENT VIDEO OUT 至您電視機上的色差輸入組。



關於逐行掃描視頻

相較隔行掃描視頻，逐行掃描視頻更能有效的加倍影像的掃描頻率，產生相當穩定，無跳動的影像。逐行掃描視頻僅可透過色差視頻輸出端子輸出。

本機與逐行掃描及高傳真電視機之相容性。

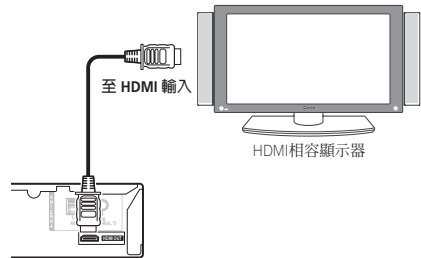
- 本機與逐行掃描視頻 Macro Vision System Copy Guard 相容。²

使用 HDMI 連接

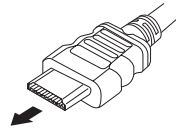
若配備 HDMI 或 DVI (結合 HDCP) 的顯示器或顯示裝置，可利用一般市面上的 HDMI 連接線將它連接至本播放器，以提供高品質的數位視頻。³

欲了解更多關於 HDMI 連接的資訊，請參閱下列關於 HDMI。

- 使用 HDMI 連接線將本播放器的 HDMI OUT 連接端子連接至 HDMI 相容顯示器上的 HDMI 連接端子。



- 連接線接頭的箭頭應朝下精確對準播放器的接頭。



您也可以調整解析度及色彩等 HDMI 設定值。欲了解與這些設定值相關的更多資訊，請參閱第 29 頁的視頻輸出設定值。

附註

- 1 色差視頻輸出可在隔行掃描及逐行掃描格式之間作切換。請參閱第 29 頁的視頻輸出設定值。
- 2 使用 HDMI 線連接播放器時，色差視頻輸出不可在隔行掃描與逐行掃描格式之間切換。HDMI 解析度設為 720x480i (NTSC)/720x576i (PAL) 時，將自動選擇隔行掃描格式。但在其他設定中，則是自動選擇逐行掃描格式。
- 3 • HDMI 連接方式僅適用於與 DVI 及 HDCP (High Bandwidth Digital Content Protection) 相容的 DVI 型設備。若選擇連接至 DVI 接頭，則需使用另外的轉接頭 (DVI→HDMI) 完成連接。然而，DVI 連接方式並不支援音頻信號。欲了解更多相關資訊，請洽當地音響經銷商。
 - 視連接的設備而定，使用 DVI 連接可能導致信號傳輸不穩。
 - 若改變連接至 HDMI 輸出的設備，也必須變更 HDMI 設定值以符合新的設備 (請參閱第 29 頁的視頻輸出設定值完成此項操作)。

切換 HDMI 音頻設定值

欲經由 HDMI 連接端子聆聽音頻，請確定已設好 HDMI 音頻輸出設定值。

- 1 將系統切換成待機狀態。
- 2 按下 **SHIFT+SETUP** 並使用 **←/→** 以選擇 **HDMI OUT**，然後按下 **ENTER**。
- 3 使用 **↑/↓** 選擇想要的設定值，然後按下 **ENTER**。
 - **AUDIO ON**¹ — 音頻信號均透過 HDMI 連接端子輸出
 - **AUDIO OFF** — 關閉 HDMI 音頻

重新設定 HDMI 連接

若出現錯誤訊息（顯示幕屏示 **HDMI ERR**）或若畫面一片空白（如在變更解析度後），則請參閱第 46 頁的疑難排解指南。若仍無法解決問題，則請依下述步驟重新設定 HDMI 連接。

- 1 將系統切換成待機狀態。
- 2 按下 **SHIFT+SETUP** 並使用 **←/→** 選擇 **HDMI INI**，然後按下 **ENTER**。

系統會重新啟動且 HDMI 設定值會自動重新設回原廠預設值。欲了解與這些設定值相關的更多資訊，請參閱第 29 頁的**視頻輸出設定值**。

關於 HDMI

HDMI（High Definition Multimedia Interface）可支援以單一數位連接線連接 DVD 播放器、DTV、機上盒及其他影音設備，並同時提供視頻及音頻。HDMI 的研發是為了提供能將 HDCP（High Bandwidth Digital Content Protection）與 DVI（Digital Visual Interface）兩項技術合而為一的規格。HDCP 是用來保護由 DVI 相容顯示器所傳輸及接收的數位內容。HDMI 擁有能支援標準、增強或高畫質視頻及多聲道環繞聲音效標準的能力。HDMI 的功能包括：未壓縮數位視頻、每秒可達 2.2 GB 頻寬（含 HDTV 信號）、單一接頭（取代數條接線及接線），以及能在影音來源及 DTV 等影音設備間進行通訊等。

HDMI、HDMI 標誌及 High-Definition Multimedia Interface 均為 HDMI Licensing LLC 的商標或註冊商標。

附註

¹ HDMI 端子的音頻輸出僅限於雙聲道線型 PCM。

第 10 章 其他資訊

碟片／內容格式播放相容性

本機適合播放各種類型（媒體）及格式的碟片。可播放的碟片一般在碟片及／或碟片包裝上會有下列其中一種標誌。然而請注意有些類型的碟片，像是可燒錄式 CD 及 DVD，可能仍屬於不可播放的格式。

更多資訊，請參閱下列 碟片相容性參照表。



- 本機可播放 DVD+R/+RW 碟片。
-  是 FUJIFILM Corporation 的商標。
-  是 DVD Format/Logo Licensing Corporation 的商標。
- 本機亦與 KODAK Picture CD 相容。

本播放器可支援能產生優異畫質、雙聲道的 IEC 的超級 VCD 標準，並可支援寬屏畫面。



關於 DualDisc 的播放

DualDisc 是一種全新、雙面的碟片，一面可容納 DVD 格式的影像、聲音等，另一面則可容納非 DVD 格式的內容，如數位音頻媒體內容。

而此種碟片容納非 DVD 音頻的一面因不符 CD-Audio 的規格，故可能會無法播放。

DualDisc 的 DVD 面可在本產品中播放。DVD-Audio 內容不能播放。

有關 DualDisc 規格的更多詳盡資訊，請洽詢碟片製造商或碟片零售商。

碟片相容性參照表

| 媒體 | 相容格式 |
|-----------|---|
| CD-R/-RW | <ul style="list-style-type: none"> • CD-Audio、Video CD/ 超級 VCD、ISO 9660 CD-ROM*，包含 MP3、WMA、MPEG-4 AAC、JPEG 或 DivX 視頻 WMV 檔案。 * 符合 ISO 9660 Level 1 或 2 之標準。CD 實體格式：Mode1、Mode2 XA Form1。與 Romeo 及 Joliet 兩種檔案系統相容。 • 多區段播放：否 • 未最終化碟片播放：否 |
| DVD-R/-RW | <ul style="list-style-type: none"> • DVD-Video（視頻模式）、視頻錄製（VR）*、UDF Bridge DVD-ROM，包含 MP3、WMA、MPEG-4 AAC、JPEG 或 DivX 視頻 WMV 檔案。 * 編輯點可能無法完全按照編輯的方式播放；播放到編輯點時畫面可能有短暫空白的情形。 • 多重邊界播放：否 • 未最終化播放：否 |
| PC 製作碟片 | <ul style="list-style-type: none"> • 使用 PC 錄製的碟片可能會因為用以製作碟片的軟體本身的設置而無法播放。此時，請檢查 DVD-R/-RW 或 CD-R/-RW 軟體手冊或碟片包裝上更多關於相容性的說明。 • 以封包燒錄方式錄製的碟片不相容。 |

媒體 相容格式

音頻壓縮

- MPEG-1 Audio Layer 3 (MP3)、Windows Media Audio (WMA)、MPEG-4 AAC
- 取樣頻率：32 kHz/44.1 kHz/48 kHz
- 位元率：任何傳輸率（建議採用 128 kbps 以上）
- VBR（可變位元率）MP3/WMA/MPEG-4 AAC 播放：否
- WMA 無失真編碼：否
- DRM（數位版權管理）相容性：相容（受 DRM 保護之音樂檔案將無法在本機上播放。）
- 副檔名：.mp3、.wma、.m4a（需使用這些副檔名以利播放器辨識 MP3/WMA/MPEG-4 AAC 檔案）
- 檔案結構（可能有所不同）：一張碟片上最多可儲存 299 個資料夾；每個資料夾中最多可存放 648 資料夾及檔案（合併後）

JPEG 檔案

- Baseline JPEG 及 EXIF 2.2* 靜態影像檔案可達 3072 x 2048 解析度畫素 * 為數位相機專用之檔案格式
- 逐行掃描 JPEG 相容性：否
- 副檔名：.jpg（必須使用這些副檔名，以利本機辨識 JPEG 檔案）
- 檔案結構（可能有所不同）：一張碟片上最多可儲存 299 個資料夾；每個資料夾中最多可存放 648 資料夾及檔案（合併後）

關於 DVD+R/DVD+RW 相容性

僅可播放以「視頻模式（DVD-Video 模式）」錄製並已完成封片的 DVD+R/DVD+RW。然而，有些在錄影期間所完成的編輯內容可能會無法精確地播放。

關於 DivX



DivX 是由來自 DivX, Inc. 的 DivX[®] 視頻編碼技術所建立的一種壓縮數位視頻格式。本機可播放燒錄在 CD-R/RW 及 DVD-R/RW-ROM 碟片上的 DivX 視頻檔案。保有與 DVD-Video 相同的術語，獨特的 DivX 視頻檔案均稱作「標題」。燒錄前，在為 CD-R/RW 或 DVD-R/RW 碟片上的檔案／標題命名時，請記住它們基本上將會按字母的順序播放。

DivX 視頻相容性

- 正式 DivX[®] Certified 產品。
- 採用 DivX[®] 媒體檔案的標準播放方式，播放所有版本的 DivX[®] 影像內容（含 DivX[®] 6）。¹
- 副檔名：.avi 及 .divx（必須使用這些副檔名，以利本機辨識 DivX 視頻檔案）。請注意，所有採用 .avi 副檔名的檔案均會辨識成 MPEG4，但所有這些檔案並非一定是 DivX 視頻檔案，亦因此不見得能在本機上播放。

顯示 DivX 字幕檔案

以下所列為 DivX 外部字幕檔案所適用的字型組。您可以藉由設定能符合字幕檔案的**字幕語言**（在第 30 頁的**語言設定值**），於螢幕上見到正確的字型組合。²

群組 1：Albanian(阿爾巴尼亞語)(sq), Basque(巴斯克語)(eu), Catalan(嘉泰羅尼亞語)(ca), Danish(丹麥語)(da), Dutch(荷蘭語)(nl), English(英語)(en), Faroese(法羅語)(fo), Finnish(芬蘭語)(fi), French(法語)(fr), German(德語)(de), Icelandic(冰島語)(is), Irish(愛爾蘭語)(ga), Italian(義大利語)(it), Norwegian(挪威語)(no), Portuguese(葡萄牙語)(pt), Rhaeto-Romanic(里托羅曼斯語)(rm), Scottish(蘇格蘭語)(gd), Spanish(西班牙語)(es), Swedish(瑞典語)(sv)

附註

- 1 無法播放容量大於 4 GB 的 .avi 視頻檔案。
- 2 在外部字幕檔案部分，本機可支援以下的字幕格式檔案名稱（請注意，這些檔案不會在碟片導向選單中顯示）：.srt、.sub、.ssa、.smi
 - 某些外部字幕檔案可能無法正確顯示或完全無法顯示。
 - 影片檔案的檔名必須重複出現在外部字幕檔案檔名的開頭處。
 - 同一影片檔案能夠切換的外部字幕檔案數量，最限定為 10。

群組 2 : Albanian(阿爾巴尼亞語) (sq), Croatian (克羅埃西亞語) (hr), Czech(捷克語) (cs), Hungarian (匈牙利語) (hu), Polish(波蘭語) (pl), Romanian (羅馬尼亞語) (ro), Slovak(斯洛伐克語) (sk), Slovenian (斯洛維尼亞語) (sl)

群組 3 : Bulgarian(保加利亞語) (bg), Byelorussian (白俄羅斯語) (be), Macedonian(馬其頓語) (mk), Russian(俄語) (ru), Serbian(塞爾維亞語) (sr), Ukrainian (烏克蘭語) (uk)

群組 4 : Hebrew(希伯來語) (iw), Yiddish(意第緒語) (ji)

群組 5 : Turkish(土耳其語) (tr)

DivX、DivX Certified 以及相關標誌均是 DivX, Inc. 的商標，並獲授權使用。

關於 WMV

WMV 是 Windows Media Video 的縮寫，且為 Microsoft Corporation 所研發出來的視頻壓縮技術。可使用 Windows Media Encoder 將 WMV 內容加以編碼。

- 本播放器可播放使用 Windows Media Encoder 9 Series 編碼、使用 .wmv 副檔名的 WMV9 檔案。
- 可使用 720 x 576 畫素/720 x 480 畫素以下的大小。
- 不支援 Advanced Profile。
- 受 DRM 保護之視頻檔案將無法在本機上播放。
- 檔案副檔名 .wmv。
- 可使用 192 kbps 以下的位元率。

關於 MPEG-4 AAC

AAC (Advanced Audio Coding) 是 MPEG-4 AAC 標準的核心技術，主要結合 MPEG-2 AAC，是構成 MPEG-4 音頻壓縮技術的基礎。所使用的檔案格式及副檔名需視用以進行 AAC 檔案編碼的應用程式而定。本機可播放由 iTunes® 所編碼，副檔名為「.m4a」的 AAC 檔案。DRM 所保護的檔案不能播放，以及由某些 iTunes® 版本所編碼的檔案也可能無法播放，或檔名可能無法正確顯示。

Apple 及 iTunes 均是 Apple Inc. 於美國及其他國家註冊的商標。

關於 WMA

本播放器可播放 Windows Media Audio 的內容。

WMA 是 Windows Media Audio 的縮寫，且為 Microsoft Corporation 所研發出來的音頻壓縮技術。WMA 內容可應用 Windows Media Player version 7.7.1，Windows Media Player 用於 Windows XP，或 Windows Media Player 9 Series 等軟體進行編碼。

Windows Media 是 Microsoft Corporation 的商標。

本產品含 Microsoft Corporation 所擁有之技術；未經 Microsoft Licensing, Inc. 授權者，不得任意使用或散佈。

碟片的使用及維護

手拿碟片時

拿取碟片時，請握住其邊緣以免在碟片任何一面留下指紋、灰塵或刮痕。已經損壞或髒污的碟片會影響播放的效能。

如果碟片上留有指紋、灰塵等不潔物，請使用柔軟、乾燥的布料擦拭乾淨。



請直向輕輕由碟片中央向外擦拭。請勿以畫圓的方式擦拭碟片的表面。

如有必要，請用拭布沾上酒精，或市面所購買的 CD/DVD 清潔工具來更徹底清潔碟片。絕不使用揮發劑、稀釋劑或其他設計用來清潔黑膠唱片的清潔劑。

儲放碟片時

避免將碟片留在太冷、太濕或太熱（包括受到陽光直射）的環境中。不要將紙張或貼紙黏在碟片上，或用鉛筆、鋼珠筆或其他尖銳的書寫用具在上面書寫。這樣會損壞碟片。

碟片應避免事項

碟片係以高速在本機內旋轉。如果碟片發生爆裂、碎裂、扭曲或其他損壞情形，請勿冒險置於本機中播放—最終您可能會使本機損壞。

本機在設計上為僅可使用傳統、全圓的碟片。先鋒聲明：對於因使用變形的碟片所引起的所有責任，概不負責。

DVD Video 適用地區

所有的 DVD Video 碟片上均有印上地區標示，以指出該碟片於全球適用的地區。您的 DVD 系統亦有一地區標示（就在背面板上）。來自不相容地區的碟片將無法在本機上播放。標示 **ALL** 的碟片可在任何的播放器上播放。

當您插入一片本播放器無法播放的碟片時，將會出現以下訊息：

非兼容碟片區域碼

無法播放碟片

安裝及保養

安裝提示

本公司希望您未來幾年內都能盡情的享用本系統，因此在選擇安裝部位時，敬請牢記以下各點：

務必 ...

- ✓ 在通風良好的室內使用。
- ✓ 置於平坦、水平的表面，像書桌、擱架或音響架上。

切勿 ...

- ✗ 在高溫或極濕的地點使用，包括暖爐或其他會產生高熱的設備附近。
- ✗ 置於窗檯或其他會使系統受到陽光直射的地點。
- ✗ 在多灰或極濕的環境中使用。
- ✗ 直接擺在擴音器或音響系統裡使用時會逐漸變熱的其他元件上。
- ✗ 在電視機或顯示器附近使用，因為有可能會產生干擾—特別是如果電視機有使用室內天線時。
- ✗ 在廚房或其他會使系統暴露在濃煙或蒸氣之中的地點。
- ✗ 在厚毛毯或地毯上使用，或覆蓋布料—這樣可能會妨礙系統主機的正确散熱效果。
- ✗ 置於不平穩的表面，或面積不足以支撐系統主機四腳的表面上。

清潔讀寫頭時

DVD 播放器的讀寫頭一般使用是不會弄髒的，但如因某些原因積灰或髒污時，請洽詢您所在地的先鋒授權服務中心。雖然讀取頭清潔劑一般市面上都可買得到，但本公司不建議使用以免可能造成讀取頭損壞。

水氣凝結問題

如果將本機由溫暖的室內搬到室外，或室內溫度遽然上升時，內部便可能有水氣凝結。雖然凝結的水氣不會對本機造成損壞，但可能會使效能短時間內受到影響。請讓其有大約一小時的時間恢復至較暖熱的溫度，再行開機。

搬動系統主機

如果您有必要移動到主機，且播放器內有碟片，請先將其取出，然後按下前面板上的

⊖ **STANDBY/ON** 將系統關機。等到螢幕上的 **GOOD BYE** 字樣消失後，再將電源插頭拔下。¹

絕不可在播放期間將主機舉起或搬動 — 可能會使高速旋轉下的碟片損壞。

畫面大小及碟片格式

DVD-Video 碟片能收錄各種的畫面比例，範例從一般為4:3的電視節目到畫面比例高達7:3的CinemaScope 寬螢幕電影² 都可以。

電視機也有各種不同的畫面比例；例如「標準」的4:3以及寬螢幕16:9。³

寬螢幕電視用戶

如果使用寬螢幕電視，則本播放器的**電視機屏幕設定**（第29頁）應設為 **16:9 (Wide)** 或 **16:9 (Compressed)**。

當您使用 **16:9 (Wide)** 設定觀賞以4:3格式所錄製的碟片，您可以使用電視控制功能來選擇影像呈現的方式。您的電視機可能會提供不同的縮放及伸展功能；細節部分請參閱您電視機所附的操作手冊。

請注意，部分電影的畫面比例大於16:9，因此即便使用寬螢幕電視觀賞，仍會以「Letter Box」樣式播放該種碟片（螢幕上下兩側出現黑色條邊）。

標準電視使用者

如果使用標準電視，則本播放器的**電視機屏幕設定**（第29頁）可依您的喜好設為 **4:3 (Letter Box)** 或 **4:3 (Pan & Scan)**。



設置成 **4:3 (Letter Box)** 時，寬螢幕碟片在顯示畫面時，上下都會出現黑色條邊。



設置成 **4:3 (Pan & Scan)** 時，寬螢幕碟片在顯示畫面時，左右邊會有截短的情形。雖然畫面看起來大些，但您看到的不是實際的整個畫面。

請注意，多數寬螢幕碟片會無視播放器的設定，因此無論設定為何，碟片皆會以「Letter Box」格式顯示。

附註

1 如在 **GOOD BYE** 字樣自螢幕上消失前便將主機插頭拔掉，可能會使系統恢復成原廠的設置。

2 許多寬螢幕碟片都會無視系統的設定值，因此不管設定值為何，碟片都會以「letterbox」的格式顯示。

3 如果在標準4:3的電視機上採用 **16:9 (Wide)** 或 **16:9 (Compressed)** 的設定值，或寬螢幕電視機採用任何一種 **4:3** 設定值，便會導致畫面失真。

電視系統設置

不適用於台灣機種

本系統的預設值為 **AUTO**，除非您在播放部分碟片時注意到影像有失真現象，否則請將其設置為 **AUTO**。如果您發現在播放某些碟片時畫面出現失真的情形，請將電視系統設置成符合您所在國家或地區的系統。不過，這樣一來可能會限制您可以觀看的碟片種類。請參閱下列對照表，以了解各種碟片所適用的設定值（**AUTO**、**PAL** 及 **NTSC**）。¹

- 1 將本機切成待機狀態，然後按下 **SHIFT+SETUP**。
- 2 使用 **←/→** 以選擇 **TV SYS**，然後按下 **ENTER**。

電視機系統會切換如下：

- **AUTO** → **NTSC**
- **NTSC** → **PAL**
- **PAL** → **AUTO**

系統會自動開啓，同時您會在見到 **WELCOME** 後，從顯示幕中看見新的電視系統設定值。²

| 媒體類型 | 系統格式 | 播放器設定值 | | |
|---|-------------|--------------|------------|---------------|
| | | NTSC | PAL | AUTO |
| DVD/ 超級 VCD/ VCD/DivX 視頻 / WMV | NTSC PAL | NTSC NTSC | PAL PAL | NTSC PAL |
| CD/MP3/WMA/ MPEG-4 AAC/ JPEG/ 無碟片 | — | NTSC | PAL | NTSC 或 PAL |

頻率間距設置

如果您發現您無法成功調選到電台，則表示頻率間距可能不適用您所在的國家／地區。

- 1 將本機切成待機狀態，然後按下 **SHIFT+SETUP**。
- 2 使用 **←/→** 以選取 **AM 9K/10K**，然後按下 **ENTER**。
- 3 使用 **↑/↓** 以選取 **AM 9K** 或 **AM 10K**，然後按下 **ENTER**。

關閉展示功能

請按照以下步驟關閉自動展示功能（此項功能會在首次插上電源時啓動）：

- 1 配合本機待機按下 **SHIFT+SETUP**。
- 2 使用 **←/→** 選擇 **DEMO**，然後按下 **ENTER**。
- 3 使用 **↑/↓** 選取 **DEMO OFF**，然後按下 **ENTER**。

調暗顯示幕亮度

您可以調整前面板顯示幕文字的亮度。

- 1 按下 **SHIFT+SETUP** 並使用 **←/→** 以選擇 **DIMMER**，然後按下 **ENTER**。
這會顯示在前面板顯示幕上。
- 2 使用 **↑/↓** 以選取 **LIGHT** 或 **DARK**，然後按下 **ENTER**。

附註

1 多數新型的 PAL 電視機系統可偵測 50 Hz (PAL)/60 Hz (NTSC)，並可自動切換垂直振幅，以消除顯示畫面中的垂直收縮現象。不過，有些情況是影像中呈現不出色彩。如果您的 PAL TV 沒有 V-Hold 控制功能，便會因為 NTSC 碟片中畫面搖晃而無法觀看。如果電視機有 V-Hold 控制功能，請動手調整直到畫面停止滾動為止。部分電視機上，畫面會有垂直收縮的現象，致使螢幕上下兩側留有黑色條邊。

2 進行每項設定值變更之前，您必須先將本機切換成待機（按下 **○** **STANDBY/ON**）。

故障排除

人們經常錯將不正確之操作當成系統故障或異常。如果您認為本機有任何問題，請按照以下各點進行檢查。有時問題可能是來自其他裝置。請仔細檢查其他使用中的裝置和電器設備。如果在查證過以下各點後問題還是無法改善，請就近洽詢您的先鋒授權服務中心或經銷商，前來代為維修。

- 如果本系統是因為受到靜電等外來效應致使無法正常操作，請將電源插頭從輸出插座上拔下再插回去，以回復正常的操作狀態。

一般問題

| 問題 | 解決辦法 |
|------------------------------------|--|
| 電源沒有打開，或突然關機（啓動時可能會有一錯誤訊息顯示）。 | <ul style="list-style-type: none"> • 重開機前請等待一分鐘。 • 確定主機上的線束無鬆脫的情形。如有鬆脫，可能會造成系統自動關機。 • 檢查揚聲器連接是否正確。 • 確定主電源的電壓確實適用於本型機種。 • 嘗試降低音量。 • 如果問題仍然存在，請將本機攜至最近的先鋒授權服務中心或您的經銷商處接受維修。 |
| 選擇功能後，沒有聲音輸出。 | <ul style="list-style-type: none"> • 如果您正使用線路輸入，請確定設備連接是否正確（請參閱第 34 頁的連接輔助音頻設備）。 • 按下遙控器上的 MUTE 以關閉靜音功能。 • 調高音量。 |
| 沒有聲音來自環繞聲或中置揚聲器。 | <ul style="list-style-type: none"> • 請參閱第 11 頁的設置聲道音量 檢查揚聲器位準。 • 當 TUNER 或 LINE 選取時，您只能以立體聲聽取來源。將輸入來源切換至 DVD/CD 或 USB 產生多聲道音效。 • 確定您並未選擇 STEREO 的音效模式（請參閱第 15 頁的以環繞聲聆聽）。 • 檢查是否接上麥克風。 • 正確地將揚聲器接上（請參閱「安裝指南」）。 |
| 無法操作遙控器。 | <ul style="list-style-type: none"> • 更換電池（請參閱「安裝指南」）。 • 請在 7 m 內的範圍，以 30° 的角度對準遙控感應器操作（請參閱「安裝指南」）。 • 移除障礙物或從其他位置操作。 • 避免前面板上的遙控感應器受到陽光直射。 • 如要操作其他先鋒設備，請確定已接上控制連接線和類比音頻連接線。 |
| 麥克風的聲音聽不到。 | <ul style="list-style-type: none"> • 您只能使用一隻麥克風並須將其插入 MIC (SUB) 插孔。MIC (SUB) 插孔只有在另外有一隻麥克風插入 MIC (MAIN) 插孔的情況下才能使用。 • 調整 MIC VOL 鈕。 |
| 麥克風打開時有回饋雜音。 | <ul style="list-style-type: none"> • 麥克風正對著揚聲器。移開麥克風不直對著揚聲器。 • 麥克風音量調太高。向下轉動麥克風音量控制鈕。 |
| 顯示幕上會顯示 TRAYLOCK ，同時無法退出碟盤。 | <ul style="list-style-type: none"> • 按住前面板上的 ▲ OPEN/CLOSE 按鍵不放約八秒鐘。接著便可使用 ▲ OPEN/CLOSE 按鍵來開啓或關閉碟盤。 |

問題

解決辦法

螢幕中出 **SND.DEMO** 的字樣，同時本機無法接受控制。

- 按住前面板上的 **■**（停止）按鍵不放約五秒鐘。碟盤會自動退出，表示「音效展示」模式已取消。

DVD/CD/VCD 播放器

問題

解決辦法

碟片在置入後又自動退出。

- 清潔碟片並將碟片正確對準碟片導槽。
- 如果 DVD-video 碟片上的地區代碼與本機上的代碼不相符，該碟片便不能使用（請參閱第 40 頁的 *DVD Video 適用地區*）。在此情況下，螢幕上會出現下列訊息：**非兼容碟片區域碼／無法播放碟片**。
- 讓播放器內部的水氣有時間蒸發。避免在空調設備附近使用本機。

無法進行播放。

- 如果碟片在置入時放反，請重新將碟片標籤面朝上放入。

影像播放中止，且按鍵無法使用。

- 按下 **■**（停止）按鍵，然後按下 **▶**（播放）按鍵開始播放。
- 先將電源關閉，然後再使用前面板上的 **⏻ STANDBY/ON** 按鍵將電源打開。

設定值全部消除。

- 電源發生中斷時，將會消除設定值。

沒有影像／沒有色彩。

- 檢查連線是否正確以及插頭是否完全插入。
- 查閱電視機／顯示器的操作手冊，以確定設定值是否正確。
- 若是選取**逐行掃描**設定值卻已用色差視頻連線來連接逐行掃描信號不相容的電視機，將完全無法看到任何畫面。使用合成或 S-video 端子接上電視機後，請將**色差視頻輸出**設定值變更為**隔行掃描**（請參閱第 29 頁的**視頻輸出設定值**）。

螢幕畫面拉長或比例沒變。

- **電視機屏幕**的設定值不正確。重新設置電視機螢幕的選項，使其與您使用的電視機／顯示器相符（請參閱第 29 頁的**視頻輸出設定值**）。

當在 VCR 上或透過 AV 選擇器進行錄製，便會干擾到影像的播放。

- 本系統為採用防拷技術，以避免透過 VCR 或 AV 選擇器發生錄製或影像方面的問題。這並不是故障。

畫面在播放期間受到干擾或呈現一片漆黑。

- 本播放器與 Macro-Vision System 防拷系統相容。有些碟片內含防拷訊號，而且此種碟片在播放時，在畫面上一些地方會出現如線條等的雜訊（視使用的電視機類型而定）。這並不是故障。
- 碟片對特別的播放器功能反應不同。這可能會導致畫面在功能執行當時，短時間呈現漆黑或輕微晃動的現象。這些問題便因為碟片與碟片內容之間的差異而更加突顯，但並不是本機故障所致。

DVD 與 CD 音量有明顯差異。

- DVD 與 CD 使用的錄製方式不同。這並不是故障。

CD-ROM 碟片無法辨識。

- 確定 CD-ROM 是使用 ISO 9660 的碟片格式錄製。更多關於碟片相容性的資訊，請參閱第 37 頁的**碟片相容性參照表**。

| 問題 | 解決辦法 |
|---------------------------|---|
| 無法辨識 DVD-ROM 碟片。 | • 確定 DVD-ROM 是採用 UDF bridge 格式錄製。更多關於碟片相容性的資訊，請參閱第 37 頁的 <i>碟片相容性參照表</i> 。 |
| 檔案無法在碟片導向／相片瀏覽器當中顯示。 | • 碟片上的檔案必須以正確的副檔名命名：譬如，MP3 檔案採用 .mp3；WMA 檔案採用 .wma；MPEG-4 AAC 檔案採用 .m4a；JPEG 採用 .jpg（大寫或小寫都可以）。請參閱第 37 頁的 <i>碟片相容性參照表</i> 。 |
| 無法播放 WMA 或 MPEG-4 AAC 檔案。 | • 這些檔案為採用 DRM（數位版權管理）所錄製的。這並不是故障。 |
| 無法播放 WMV 檔案。 | • 無法播放位元率超過 192 kbps 的檔案。 |

調諧器

| 問題 | 解決辦法 |
|------------------|--|
| 收聽電台廣播時有明顯的雜音。 | <ul style="list-style-type: none"> • 請接上 AM 天線（請參閱「安裝指南」）並加以調整方向及位置，以得到最佳的接收條件。您也可以另外接一條內部或外部 AM 天線（請參閱第 34 頁的 <i>連接外部天線</i>）。 • 完全伸展開 FM 線型天線，調整至最佳接收的位置，然後固定於牆上。您也可以另外接一組外部 FM 天線（請參閱第 34 頁的 <i>連接外部天線</i>）。 • 關閉其他可能造成雜訊的設備或將其移走。 • 調諧間距不適用您所在的國家或地區。請參閱第 42 頁的 <i>頻率間距設置</i> 的說明以切換調諧間隔。 |
| 自動調諧功能無法接收到某些電台。 | • 電台訊號微弱。自動調諧功能僅能偵測到訊號發射良好的無線電台。想要獲得更加靈敏的調諧條件，可接上一組室外天線。 |

USB 連接

| 問題 | 解決辦法 |
|---------------------------|---|
| 本系統無法辨識 USB 大量儲存裝置。 | <ul style="list-style-type: none"> • 確定已將 USB 接頭完全插入本機內。 • 確認記憶體格式為 FAT16 或 FAT32。 • 不支援內建有 USB 集線器的 USB 裝置。 |
| 檔案無法在導覽器／相片瀏覽器中顯示。 | <ul style="list-style-type: none"> • 檔案必須要有正確的副檔名：譬如，MP3 檔案採用 .mp3；WMA 檔案採用 .wma；MPEG-4 AAC 檔案採用 .m4a；JPEG 採用 .jpg（大寫或小寫都可以）。 • 確定檔案許可權未受限制（透過密碼等）。 |
| 無法播放 WMA 或 MPEG-4 AAC 檔案。 | • 這些檔案為採用 DRM（數位版權管理）所錄製的。這並不是故障。 |

HDMI 連接

| 問題 | 解決辦法 |
|--------------|---|
| 無 HDMI 音頻輸出。 | • 請參閱第 36 頁的 <i>切換 HDMI 音頻設定值</i> 確定已選取 AUDIO ON 。 |

問題

解決辦法

| | |
|--------------|--|
| 無 HDMI 視頻輸出。 | <ul style="list-style-type: none"> • 確定在針對使用設備的設定中，已選取本播放器作為 HDMI 輸入（請參閱設備的操作手冊）。 • 確認 HDMI 連接線已正確接上且未損壞。 • 確認使用 HDMI 介面接上的設備已開啓且與 HDMI 相容（這些設備須與 DVI 及 HDCP（High Bandwidth Digital Content Protection）相容）。 • 視連接的設備而定，使用 DVI 連接可能導致信號傳輸不穩。 • 確定本播放器上的解析度與使用 HDMI 連接的設備一致。請參閱第 29 頁的 視頻輸出設定值 變更解析度。 • 若變更解析度後畫面一片空白，則表示選取的解析度與您的顯示器不符。請參閱第 36 頁的 重新設定 HDMI 連接 重新設回原廠預設值。 |
|--------------|--|

| | |
|---|--|
| 在變更 HDMI 色彩 設定值後，顯示器的色彩出現問題（第 30 頁）。 | <ul style="list-style-type: none"> • 視連接的設備而定，有些 HDMI 色彩 設定值可能造成畫面無法正確顯示。此時，請視狀況使用電視機的視頻輸入設定值選取 RGB。或者可恢復先前的 HDMI 色彩 設定值。 |
|---|--|

錯誤訊息

訊息

說明

| | |
|----------|--|
| EXTRAPWR | • 使用加大功率模式時，無法調整 SFC 模式、音調控制（低音、高音和低音加重）、MP3 擴展器模式、聲音強化器模式。 |
| SND.DEMO | • 音效展示功能啓動。請參閱第 43 頁的 故障排除 的 一般問題 內容說明。 |
| CANNOT | • 因未選取 DVD/CD 或 USB 、耳機接上或在碟片播放期間按下 SHIFT+TEST TONE 而無法操作。 |
| MUTING | • 由於音效被靜音，因此使用操作受到限制（請按下 MUTE ）。 |
| STEREO | • 因未選取 DVD/CD 或 USB 功能而無法操作。 |
| TRAYLOCK | • 碟盤鎖啓動。請參閱第 43 頁的 故障排除 的 一般問題 內容說明。 |
| KEYLOCK | • 按鍵鎖啓用。請參閱下列 設定按鍵鎖 (Key Lock) 。 |
| USB ERR | • 更多與此相關的資訊，請參閱第 25 頁的 使用 USB 介面的重要提示 說明。 |
| HDMI ERR | • 請參閱上述 HDMI 連接 的疑難排解提示。若仍有問題，則請參閱第 36 頁的 重新設定 HDMI 連接 。 |
| EFP ERR | • 維修事宜請洽詢您的先鋒授權服務中心或您的經銷商。 |
| EXIT | • 輸入禁止的訊號或在顯示選單畫面時接上麥克風即會顯示，然後畫面會返回正常畫面。 |
| NO MIC | • 在未插入麥克風時按 SHIFT+KARAOKE 、 SHIFT+ECHO 、 SHIFT+b 或 SHIFT+# 即會顯示。 |
| MIC IN | • 在已插入麥克風時按 SURROUND 、 SOUND 、 FRT. SURR/EXT PWR 或 MP3 EXP/V.ENH 即會顯示。 |

重新設置系統

請使用前面板控制將系統設定值重新設回原廠預設值。

- 配合系統開機按下 **⏻ STANDBY/ON** 並按住 **▶/⏸ USB**。

下次在您開機時，所有系統設定值都將會被重置。

設定按鍵鎖 (Key Lock)

將按鍵鎖功能打開，即可停用前面板上的各項按鍵。

- 1 配合系統待機按下 **SHIFT+SETUP**，使用 **←/→** 選擇 **KEYLOCK**，然後按下 **ENTER**。
這會顯示在前面板顯示幕上。
- 2 使用 **↑/↓** 選取 **LOCK ON** 或 **LOCK OFF**，然後按下 **ENTER**。

使用語言代碼清單

有些語言選項 (請參閱第 30 頁的 *語言設定值*) 能讓您從下列 *語言代碼清單* 的 136 種語言當中設定個人喜好的語言。

- 1 選擇「其他語言」。
- 2 使用 **←/→** 以選擇字母代碼或是數字代碼。
- 3 使用 **↑/↓** 以選擇字母代碼或是數字代碼。
請參閱下列 *語言代碼清單*，列有完整語言種類及代碼的清單。

語言代碼清單

語言（語言字母代碼）、語言代碼

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

國家／地區代碼清單

國家／地區、國家／地區代碼、國家／地區字母代碼

| | | |
|----------------------|-----------------------|----------------------------|
| 阿根廷, 0118, ar | 香港, 0811, hk | 菲律賓, 1608, ph |
| 澳洲, 0121, au | 印度, 0914, in | 葡萄牙, 1620, pt |
| 奧地利, 0120, at | 印尼, 0904, id | 俄國（俄羅斯聯邦）, 1821, ru |
| 比利時, 0205, be | 義大利, 0920, it | 新加坡, 1907, sg |
| 巴西, 0218, br | 日本, 1016, jp | 西班牙, 0519, es |
| 加拿大, 0301, ca | 韓國, 1118, kr | 瑞士, 0308, ch |
| 智利, 0312, cl | 馬來西亞, 1325, my | 瑞典, 1905, se |
| 中國, 0314, cn | 墨西哥, 1324, mx | 台灣, 2023, tw |
| 丹麥, 0411, dk | 荷蘭, 1412, nl | 泰國, 2008, th |
| 芬蘭, 0609, fi | 紐西蘭, 1426, nz | 英國, 0702, gb |
| 法國, 0618, fr | 挪威, 1415, no | 美國, 2119, us |
| 德國, 0405, de | 巴基斯坦, 1611, pk | |

規格

• 擴大器部分

RMS 功率輸出：

前置、中置、環繞聲 每個聲道 60 W
(1 kHz, 10 % T.H.D., 4 Ω)

重低音
. 60 W (100 Hz, 10 % T.H.D., 4 Ω)

• 碟片部分

類型 DVD 系統, VCD/ 超級 VCD
系統及碟片數位音響系統
抖動率 測量限制
(±0.001 % W.PEAK) 或以下 (JEITA)

• FM 調諧器部分

頻率範圍 87.5 MHz 至 108 MHz
天線 75 Ω, 不平衡式

• AM 調諧器部分

頻率範圍：
採用 9 kHz 間距 531 kHz 至 1602 kHz
採用 10 kHz 間距 530 kHz 至 1700 kHz
天線 環型天線

• 其他

電源需求：

新加坡、印尼、香港、馬來西亞、
菲律賓機種
. AC 220 V 至 240 V, 50 Hz/60 Hz

台灣機種 AC 110 V, 50 Hz/60 Hz

消耗功率 50 W

待機消耗功率 0.42 W

尺寸

. 420 mm (寬) x 60 mm (高) x 339 mm (深)

重量 2.7 kg

• 配件 (DVD/CD 接收器)

遙控器 1

AA/R6 乾電池 (用以確認系統操作) 2

視頻連接線 (黃色插頭) 1

AM 環型天線 1

FM 天線 1

電源線 1

安裝指南

本操作手冊

S-DV170 揚聲器系統

• 前置揚聲器

外箱 封閉式書架型 (防磁)
系統 7.7 cm 1-way 系統

揚聲器 7.7 cm 圓錐體型

阻抗 4 Ω

頻率範圍 90 Hz 至 20 kHz

最大輸入功率 60 W

尺寸

. 105 mm (寬) x 115 mm (高) x 114 mm (深)

重量 0.60 kg

• 中置揚聲器

外箱 封閉式書架型 (防磁)
系統 7.7 cm 1-way 系統

揚聲器 7.7 cm 圓錐體型

阻抗 4 Ω

頻率範圍 90 Hz 至 20 kHz

最大輸入功率 60 W

尺寸

. 115 mm (寬) x 105 mm (高) x 114 mm (深)

重量 0.60 kg

• 環繞揚聲器

外箱 封閉式書架型 (防磁)
系統 7.7 cm 1-way 系統

揚聲器 7.7 cm 圓錐體型

阻抗 4 Ω

頻率範圍 98 Hz 至 20 kHz

最大輸入功率 60 W

尺寸

. 105 mm (寬) x 118 mm (高) x 114 mm (深)

重量 0.63 kg

• 重低音

外箱 低音反射落地型
系統 16 cm 1-way 系統

揚聲器 16 cm 圓錐體型

阻抗 4 Ω

頻率範圍 28 Hz 至 2.0 kHz

最大輸入功率 60 W

尺寸

. 190 mm (寬) x 360 mm (高) x 317 mm (深)

重量 3.9 kg

- 配件

| | |
|-----------|----|
| 小型防滑墊 | 12 |
| 大型防滑墊 | 4 |
| 固定托架 | 4 |
| 螺絲（固定托架用） | 4 |

S-DV373 揚聲器系統

- 前置／環繞揚聲器

| | |
|--------|------------------------------|
| 外箱 | 封閉式書架型（防磁） |
| 系統 | 6.6 cm 1-way 系統 |
| 揚聲器 | 6.6 cm 圓錐體型 |
| 阻抗 | 4 Ω |
| 頻率範圍 | 82 Hz 至 20 kHz |
| 最大輸入功率 | 60 W |
| 尺寸 | 96 mm（寬）x 96 mm（高）x 96 mm（深） |
| 重量 | 0.44 kg |

- 中置揚聲器

| | |
|--------|------------------------------|
| 外箱 | 封閉式書架型（防磁） |
| 系統 | 6.6 cm 1-way 系統 |
| 揚聲器 | 6.6 cm 圓錐體型 |
| 阻抗 | 8 Ω |
| 頻率範圍 | 82 Hz 至 20 kHz |
| 最大輸入功率 | 30 W |
| 尺寸 | 96 mm（寬）x 96 mm（高）x 96 mm（深） |
| 重量 | 0.44 kg |

- 重低音

| | |
|--------|---------------------------------|
| 外箱 | 低音反射落地型 |
| 系統 | 16 cm 1-way 系統 |
| 揚聲器 | 16 cm 圓錐體型 |
| 阻抗 | 4 Ω |
| 頻率範圍 | 34 Hz 至 1.2 kHz |
| 最大輸入功率 | 60 W |
| 尺寸 | 216 mm（寬）x 391 mm（高）x 393 mm（深） |
| 重量 | 5.5 kg |

- 配件

| | |
|---------------|----|
| 揚聲器連接線 | 6 |
| 托架 | 2 |
| 固定托架 | 6 |
| 螺絲（用於托架和固定托架） | 8 |
| 小型防滑墊 | 18 |
| 大型防滑墊 | 4 |

S-DV270T 揚聲器系統

- 前置揚聲器

| | |
|--------|----------------------------------|
| 外箱 | 封閉式落地型（防磁） |
| 系統 | 2-way 系統 |
| 揚聲器： | |
| 低音 | 7.7 cm 圓錐體型 |
| 高音 | 2.6 cm 半圓型 |
| 阻抗 | 4 Ω |
| 頻率範圍 | 62 Hz 至 20 kHz |
| 最大輸入功率 | 60 W |
| 尺寸 | 260 mm（寬）x 1097 mm（高）x 260 mm（深） |
| 重量 | 3.9 kg |

- 中置揚聲器

| | |
|--------|--------------------------------|
| 外箱 | 封閉式書架型（防磁） |
| 系統 | 7.7 cm 1-way 系統 |
| 揚聲器 | 7.7 cm 圓錐體型 |
| 阻抗 | 4 Ω |
| 頻率範圍 | 72 Hz 至 20 kHz |
| 最大輸入功率 | 60 W |
| 尺寸 | 220 mm（寬）x 90 mm（高）x 100 mm（深） |
| 重量 | 0.70 kg |

- 環繞揚聲器

| | |
|--------|---------------------------------|
| 外箱 | 封閉式書架型（防磁） |
| 系統 | 7.7 cm 1-way 系統 |
| 揚聲器 | 7.7 cm 圓錐體型 |
| 阻抗 | 4 Ω |
| 頻率範圍 | 84 Hz 至 20 kHz |
| 最大輸入功率 | 60 W |
| 尺寸 | 100 mm（寬）x 100 mm（高）x 100 mm（深） |
| 重量 | 0.54 kg |

- 配件

| | |
|---------|---|
| 揚聲器連接線 | 5 |
| 小型防滑墊 | 8 |
| 大型防滑墊 | 8 |
| 揚聲器基座 | 2 |
| 螺絲（底座用） | 6 |

S-DV272T 揚聲器系統

• 前置／環繞揚聲器

同 **S-DV270T** 前置揚聲器（如上述）。

• 中置揚聲器

與 **S-DV270T** 中置揚聲器相同（如上述）。

• 配件

| | |
|---------------|----|
| 揚聲器連接線 | 5 |
| 大型防滑墊 | 16 |
| 揚聲器基座 | 4 |
| 螺絲（底座用） | 12 |

S-DV35W 揚聲器系統

• 重低音

| | |
|--------------|--------------------------------------|
| 外箱 | 低音反射落地型 |
| 系統 | 16 cm 1-way 系統 |
| 揚聲器 | 16 cm 圓錐體型 |
| 阻抗 | 4 Ω |
| 頻率範圍 | 34 Hz 至 1.2 kHz |
| 最大輸入功率 | 60 W |
| 尺寸 | 216 mm (寬) x 391 mm (高) x 393 mm (深) |
| 重量 | 5.5 kg |

• 配件

| | |
|--------------|---|
| 揚聲器連接線 | 1 |
| 大型防滑墊 | 4 |

 附註

- 為求產品改良，規格及設計如有變更，恕不另行通知。

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