

Pioneer

DCS-585

XV-DV585

DVD/CD Receiver
Récepteur-lecteur DVD/CD

S-DV585

Speaker System
Enceintes Acoustiques

DCS-590

XV-DV590

DVD/CD Receiver
Récepteur-lecteur DVD/CD

S-DV595T

Speaker System

S-DV595SW

Enceintes Acoustiques

DCS-FS30

XV-DV30FS

DVD/CD Receiver
Récepteur-lecteur DVD/CD

S-DV30FS

Speaker System
Enceintes Acoustiques



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Operating Instructions
Mode d'emploi

HDMI

RW
COMPATIBLE

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.

D3-4-2-1-1_A1_En

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_A_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

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_A1_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.

S002*_En

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

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*_A1_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

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



D3-4-2-1-8* _C_ En

Information for users on collection and disposal of old equipment and used batteries

(Symbol for equipment)



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

(Symbol examples for batteries)



By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

These symbols are only valid in the European Union.

For countries outside the European Union:

If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

K058a_A1_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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Chapter 1

Speaker Setup Guide

Home theater sound setup

Not applicable to the DCS-FS30 model

Depending on the size and characteristics of your room, you can place your speakers in one of two ways using this system. For the speaker configuration, see the Setup Guide.

5 spot/4 spot speaker layout

This is a standard multichannel surround sound speaker setup for optimal 5.1 channel home theater sound.¹

3 spot/2 spot speaker layout

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.²

Preparing the speakers**Preparation common to all models****Attaching non-skid pads**

- **Attach the smaller non-skid pads to the base of each of speakers. The four large non-skid pads are for the subwoofer.**

Use the supplied adhesive to attach 3 or 4 pads to the base (flat surface) of each speaker.

Preparation only for the DCS-590

The layouts of the 5/4 spot speaker and 3/2 spot speaker are the same:

Assembling the speaker stands

- **Attach the speaker stand bases to the stems using the screws provided.**

Once you have aligned the stem and base, secure with the small screws at the points see the Setup Guide. Note that the speaker should face in the direction of the base of the isosceles triangle.

**CAUTION**

- Be careful not to tighten screws excessively.
- If excessive force is used to tighten screws, the threads of screw and/or nut may be damaged. Use a middle-sized manual screwdriver during assembly.
- Do not use power screwdrivers or oversized screwdrivers that may exert excessive force on the screws and nuts.
- Confirm that no foreign matter is stuck to the stand base or the tall speaker during assembly.
- If the unit is assembled with foreign matter stuck between the stand base and the tall speaker the unit may not be assembled securely, resulting in tipping or falling.
- Do not stand on the speaker stand base of the tall speaker to push or swing the speaker. The speaker may fall and break, or someone may be injured. Pay special attention to children.

Note

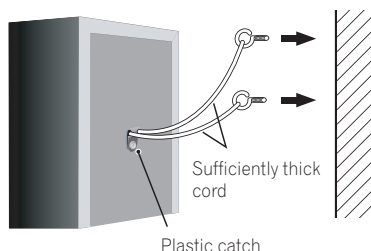
¹ The front left and right speaker should be about 1.8 m to 2.7 m apart.

² The surround left and right speakers should be about 1.5 m apart.

Securing your front and surround speakers

- **Secure each of the front and surround speakers using the plastic catch provided.**

Screw two supporting hooks into the wall behind the speaker. Pass a thick cord around the hooks and through the plastic catch so that the speaker is stabilized (make sure to test that it supports the weight of the speaker). After installing, make sure the speaker is securely fixed.



CAUTION

- The plastic catch is not a mounting fixture, and the speaker should not be hung directly from the wall using this catch. Always use a cord when stabilizing the speaker.
- Pioneer disclaims all responsibility for any losses or damage resulting from improper assembly, installation, insufficient strength of the installation materials, misuse, or natural disasters.
- When placing this unit, ensure that it is firmly secured and avoid areas where it may be likely to fall and cause injury in the event of a natural disaster (such as an earthquake).

Preparation only for the DCS-FS30

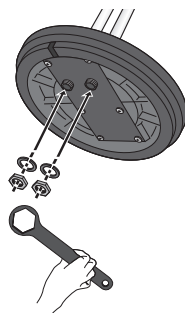
Assembling the speaker stands and securing your front speakers

- 1 **Install the pole with a circular nut attached onto the speaker stand base, using the hexagon nuts and washers provided.**

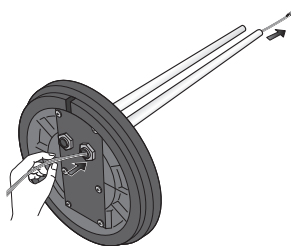
Use the spanner provided for installation.

CAUTION

- Be careful that the stand does not fall over when installing the pole.

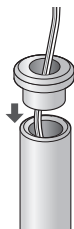


- 2 **Lay the speaker stand on its side, and pass the speaker cables into the hole in the speaker stand base and through the pole.**



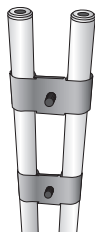
3 Fit the provided cap into the top of the pole.

Pass the speaker cables through the middle of the cap as shown in the illustration and fit the cap.



4 Attach the provided metal catches to the pole.

- Attach the metal catches so that they sandwich the pole and then insert the screw into the screw hole.
- Use caution so that the metal catches do not slip or come off until the speaker is installed.



CAUTION

The shape of the front-side metal catch is different from that of the rear-side one. Pay attention to the installation direction of the metal catches.



Front side

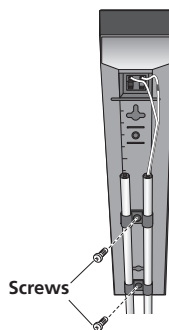


Rear side

5 Install the speaker.

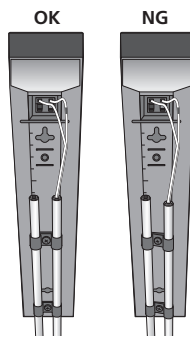
- Connect the speaker cables to the connectors of the speaker.
- Fit the screws (M5 x 12 mm) through the metal catches that were attached in step 4 and into the screw holes in the speaker, and temporarily tighten the screws.

- Referring to the scale on the rear side of the speaker, adjust the positions of the right and left speaker stands to the same height according to your preference, and tighten the screws.



6 Finely adjust the positions of the two poles.

Adjust the poles so that they are straight and level when viewed directly from the side or above.



Preparation only for the DCS-585

Stack the speakers and fix the brackets

Each speaker is provided with a color-coded indicator on the model label on the rear side to assist identification. Refer to the color indicators and install the speakers correctly.

As shown in the illustration, stack the speakers. Align the bracket with the respective upper and lower screw holes as shown in each figure below and fasten the screws securely.

4 spot/3 spot speaker layout:

4 spot:

Left	Right
Green	Green
White	Red

Center speaker
Front speaker

3 spot:

Left	Right
Blue	Gray
White	Red

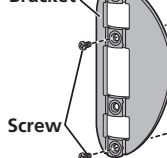
Surround speaker
Front speaker

Model label



Color indicator

Bracket



Screw

Front speaker

2 spot speaker layout:

Model label

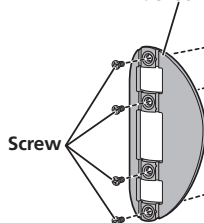


Color indicator

Left	Right
Blue	Gray
Green	Green
White	Red

Surround speaker
Center speaker
Front speaker

Bracket



Screw

Surround speaker

Center speaker

Front speaker

CAUTION

- Do not attempt to carry the speakers when they are connected with the bracket. Doing so may cause damage to the bracket or worsen damage to the bracket and speakers in the event they are dropped.

Wall mounting the speakers

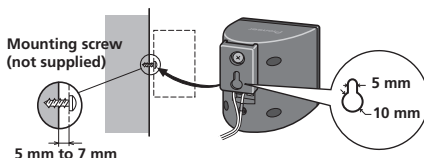
For the DCS-585, attached mounting brackets for the front, center and surround speakers have mounting holes. For the DCS-590, only the center speaker has a mounting hole. For the DCS-FS30, the front speaker have mounting holes.

Before mounting

- Remember that the speaker system is heavy and that its weight could cause the screws to work loose, or the wall material to fail to support it, resulting in the speaker falling. Make sure that the wall you intend to mount the speakers on is strong enough to support them. Do not mount on plywood or soft surface walls.
- Mounting screws are not supplied. Use screws suitable for the wall material and support the weight of the speaker.

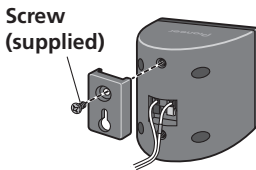
CAUTION

- If you are unsure of the qualities and strength of the wall, consult a professional for advice.
- Pioneer is not responsible for any accidents or damage that result from improper installation.



Attaching the brackets only for the DCS-585

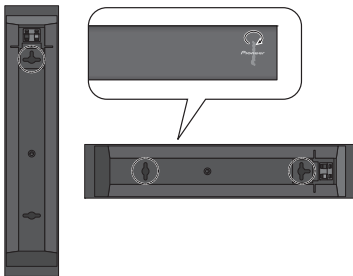
- Make sure to tighten the supplied screw as securely as possible when attaching the bracket to the back of the speaker.
- Please do not attach the brackets to the center speaker.



Attaching the speakers only for the DCS-FS30

The front speaker of the DCS-FS30 can be hung vertically or horizontally on the wall. Use one hole to hang it vertically and two holes to hang it horizontally. When the speaker is horizontally installed, turn the logo on the front grill side.

The illustration below shows the front right speaker.



Additional notes on speaker placement

- Install the main front left and right speakers at an equal distance from the TV.
- When using the 5 spot speaker layout, install the surround speakers slightly above ear level for optimum effect.

Precautions:

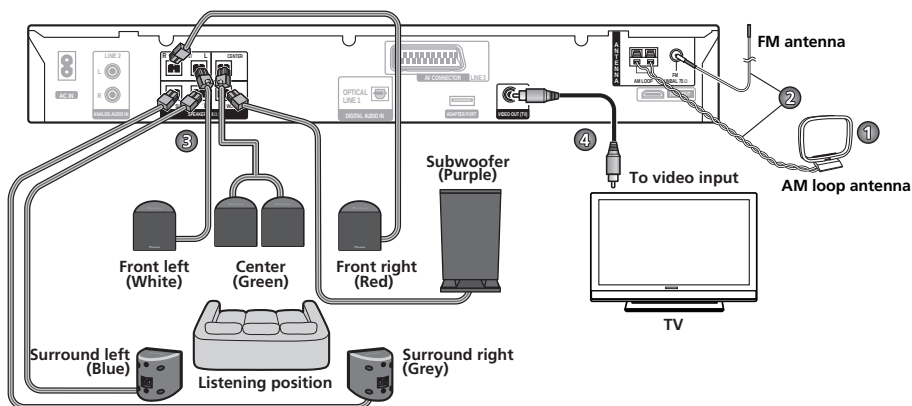
- When installing the center speaker on top of the TV, be sure to secure it with tape or some other suitable means. Otherwise, the speaker may fall from the TV due to external shocks such as earthquakes, endangering those nearby or damaging the speaker.
- Make sure that all the bare speaker wire is twisted together and inserted fully into the speaker terminal. If any of the bare speaker wire touches the back panel it may cause the power to cut off as a safety measure.
- The front, center and surround speakers supplied with this system are magnetically shielded. However, depending on the installation location, color distortion may occur if the speaker is installed extremely close to the screen of a television set. If this case happens, turn the power switch of the television set OFF, and turn it ON after 15 min. to 30 min. If the problem persists, place the speaker system away from the television set.
- The subwoofer is not magnetically shielded and so should not be placed near a TV or monitor. Magnetic storage media (such as floppy discs and tape or video cassettes) should also not be kept close to the subwoofer.
- Do not attach the center speaker (only of the DCS-585) and subwoofer to a wall or ceiling. They may fall off and cause injury.

Chapter 2

Connecting up

Basic connections

For the best surround sound, setup your speakers as below. The speakers in the illustration below are the DCS-585.



Important

- When connecting this system or changing connections, be sure to switch power off and disconnect the power cord from the wall socket. After completing all connections, connect the power cords to the wall socket.



WARNING

- Pioneer bears no responsibility for accidents resulting from faulty assembly or installation, insufficient mounting strength of walls, mounting fixtures (or other building fixtures), misuse or natural disasters.

1 Assemble the AM loop antenna.

fig. a



fig. b



fig. c



- Bend the stand in the direction indicated by the arrow.
- Clip the loop onto the stand.
- If you want to fix to a wall or other surface, perform step b after first securing the stand with screws.

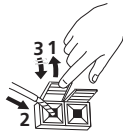
It is recommended that you determine the reception strength before securing the stand with the screws.

2 Connect the AM and FM antennas.¹

- a. Pull off the protective shields of both AM antenna wires. Connect one wire of the AM loop antenna to each AM antenna terminal.²



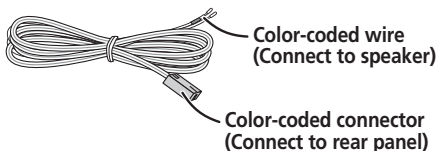
For each terminal, press down on the tab to open; insert the wire, then release to secure.



- b. Push the FM antenna³ plug onto the center pin of the FM antenna socket.

3-1 Connect each speaker.

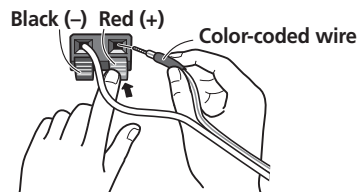
- Connect the wires to the speaker.



- Twist and pull off the protective shields on each wire.

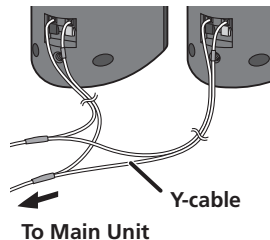


- Match the color-coded wire with the color indicator on the label, then insert the color-coded wire into the red (+) side and the other wire into the black (-) side.



DCS-585 only:

- a. When connecting the center speakers, connect the Y-cable dual end to the two center speakers in the same way.



When you select a 4-spot, 3-spot or 2-spot layout where the brackets are used for assembling, also follow step **b** below.

- b. When connections are completed, secure the speaker cables. Fix the cables to the groove in the brackets.



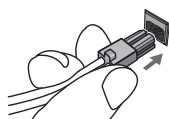
Note

- Keep antenna cables away from the receiver and other cables.
- If reception with the supplied antenna is poor, see *Improving poor FM reception* on page 20.
- Do not attach any antenna other than the provided loop antenna, or an external antenna as described on page 45.
- Don't let it come into contact with metal objects and avoid placing near computers, television sets or other electrical appliances.
- If radio reception is poor, you may be able improve it by re-inserting each antenna wire into the opposite terminal.
- For best reception, do not untwist the AM loop antenna wires or wrap them around the loop antenna.
- To ensure optimum reception, make sure the FM antenna is fully extended and not coiled or hanging at the rear of the unit.

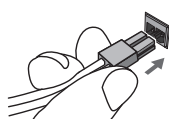
3-2 Connect each speaker terminals on the receiver.

- Connect the other end to the color-coded speaker terminals on the rear of the receiver. Make sure to insert completely.

The small lug at the wire-end of the speaker plug should face up or down depending on whether it's being plugged into one of the upper or lower speaker terminals. Please make sure to connect correctly.



Upper terminal



Lower terminal

CAUTION

- These speaker terminals carry **HAZARDOUS LIVE voltage**. To prevent the risk of electric shock when connecting or disconnecting the speaker cables, disconnect the power cord before touching any uninsulated parts.
- Do not connect any speakers other than those supplied to this system.
- Do not connect the supplied speakers to any amplifier other than the one supplied with this system. Connection to any other amplifier may result in malfunction or fire.
- After connecting the plugs, pull lightly on the cables to make sure that the ends of the cables are securely connected to the terminals. Poor connections can create noise and interruptions on the sound.

- If the cable's wires happen to be pushed out of the terminals, allowing the wires to come into contact with each other, it places an excessive additional load on the amp. This may cause the amp to stop functioning, and may even damage the amp.

4 Connect one end to a video input on your TV.

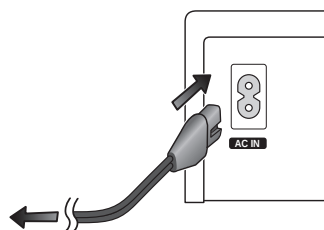
- Use the supplied video cable.

5 Connect the other end to the video output of the receiver.

- This unit is equipped with copy protection technology. Do not connect this unit to your TV via a VCR using AV cables, as the picture from this unit will not appear properly on your TV.

6 Connect the power cord.¹

- Connect the power cord to AC inlet on the receiver. Connect the power cord to a wall socket.



To AC outlet

Note

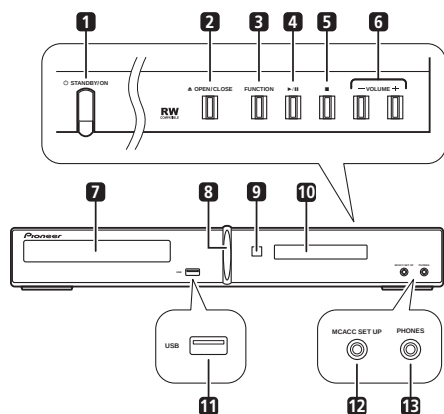
- Do not use any power cord other than the one supplied with this system.
- Do not use the supplied power cord for any purpose other than connecting to this system.

Chapter 3

Controls and displays

Front panel

The illustration shows the DCS-585/590.



1 STANDBY/ON (page 17, 18, 33, 46, 55 and 57)

Switches the system on or into standby.

2 OPEN/CLOSE (page 19, 33 and 56)

Opens/closes the disc tray.

3 **Function**

4

5

6 **VOLUME +/-** (page 19)

7 **Disc tray** (page 19)

8 **Power indicator (Blue)**

9 **Remote Sensor** (page 16)

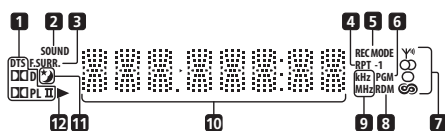
10 **Display**

11 **USB interface** (page 32)

12 **MCACC jack (DCS-585/595 only)** (page 18)

13 **PHONES jack** (page 24)

Display



1 **Decord indicators** (page 22)

DTS lights during playback of a DTS source.

DOLBY DIGITAL II lights during **DOLBY** Dolby Pro Logic II decoding and **DOLBY DIGITAL** lights during playback of Dolby Digital sources.

2 **SOUND** (page 24)

Lights when the Sound Retriever is active.

3 **SURR.** (page 22 and 24)

Lights when one of the Advanced Surround modes or **PHONESUR** (virtual surround sound for headphones) mode is selected.

F.SURR. (page 23)

Lights when one of the Front Stage Surround Advance mode is selected.

4 **RPT and RPT-1** (page 29)

RPT lights during repeat play. **RPT-1** lights during repeat one-track play.

5 **REC MODE** (page 43)

Lights when Line out mode is **LT/RT**.

6 **PGM** (page 28 and 30)

Lights during program play.

7 **Tuner indicators** (page 20 and 36)

Lights when a broadcast is being received,

Lights when a stereo FM broadcast is

being received, Lights when FM mono

reception is selected and Lights when one of the RDS display or search modes is selected.

8 RDM (page 29)

Lights during random play.

9 kHz/MHz

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

10 Character display

11 (page 50)

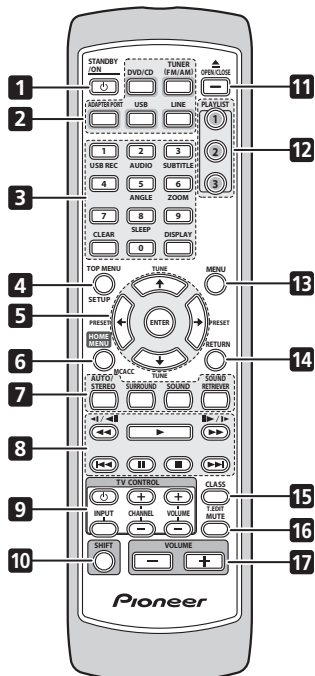
Lights when sleep timer is active.

12

Lights during playback.

Remote control

The illustration shows the DCS-585/590.



1  **STANDBY/ON** (page 17, 18, 33, 46, 55 and 57)

2 **Function select buttons**

3 **Number buttons**

CLEAR

DISPLAY (page 31 and 36)

SHIFT+SLEEP (page 50)

SHIFT+USB REC (page 33)

SHIFT+AUDIO (page 31)

SHIFT+SUBTITLE (page 31)

SHIFT+ANGLE (page 31)

SHIFT+ZOOM (page 31)

4 **TOP MENU** (page 20 and 31)

SHIFT+SETUP (page 17, 20, 21, 44, 46, 47, 49, 50 and 60)

5 **Cursor buttons**

ENTER

TUNE (page 20)

PRESET (page 21)

6 **HOME MENU**

SHIFT+MCACC (DCS-585/595 only) (page 18)

7 **Sound controls**

AUTO/STEREO (page 22 and 24)

SURROUND (page 22, 23 and 24)

SOUND (page 24 and 25)

SOUND RETRIEVER (page 24)

8 **Playback controls** (page 19 and 26)

9 **TV CONTROL buttons**

These control Pioneer flat screen TVs.¹

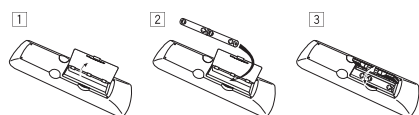
10 **SHIFT**

11  **OPEN/CLOSE** (page 19, 33 and 56)

12 **PLAYLIST buttons** (page 28)

Note

1 Hold down the number button **1** for over three seconds with the **CLEAR** pressed. If the TV refuses to respond, hold down the number button **2**. After control is properly switched over, the power to the TV can be operated by directing the **TV CONTROL**  toward the TV and pressing it.

13 MENU (page 20, 27 and 31)**14 RETURN****15 Tuner controls****CLASS (page 21)****SHIFT+T.EDIT (page 21)****16 MUTE****17 VOLUME +/- (page 19)****Putting the batteries in the remote control**

1 Open the battery compartment cover on the back of the remote control.

2 Insert two AA/R6 batteries into the battery compartment following the indications (+, -) inside the compartment.

3 Close the cover.

**CAUTION**

Incorrect use of batteries can result in hazards such as leakage and bursting. Please observe the following:

- Always insert batteries into the battery compartment correctly matching the positive ⊕ and negative ⊖ polarities, as shown by the display inside the compartment.
- Never mix new and used batteries.
- Batteries of the same size may have different voltages, depending on brand. Do not mix different brands of batteries.
- When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.

- In order to prevent battery leakage, remove the batteries when not using the remote control for an extended period (one month or more). If leakage occurs, carefully wipe away any battery fluid inside the compartment, and replace the batteries with new ones.
- Do not allow books or other objects to rest on top of the remote control, since the buttons may be depressed, causing faster exhaustion of the batteries.
- Do not use or store batteries in direct sunlight or excessively hot places, such as inside a car or near a heater. This can cause batteries to leak, overheat, explode or catch fire. It can also reduce the life or performance of batteries.

Using the remote control

The remote control can be used within a range of about 7 meters from the remote sensor on the front panel, and within a 30 degree angle.

- The remote control may not work if there is an obstacle between the remote control and the display unit, or if the remote control is not directed towards the remote sensor of the display unit at the correct angle.
- The remote control may not work properly if strong light such as direct sunlight or fluorescent light is shining onto the unit's remote sensor.
- The remote control may not work properly when this unit is used near devices emitting infrared rays, or when remote controls of other devices which use infrared rays are used. Also, the use of this remote control may cause other devices to work improperly.
- When the operating range of the remote becomes too short, replace the batteries.

Chapter 4

Getting started

Setting Speaker Layout

Not applicable to the DCS-FS30 model

Select the speaker layout for the speaker setting you arranged to your listening area environment.

First time you switch on the system, the following speaker layout setting appears. If you switch off the system without finishing this setting, the same appears again next time you switch on the system.

1 Press $\odot$ STANDBY/ON and confirm WELCOME is shown on the display.

2 SELECT SPEAKER LAYOUT will run on the display for about 10 seconds.

3 Use $\uparrow/\downarrow$ to select appropriate speaker layout.

The speaker layouts you can select vary with the model to be used.

See the Setup Guide for more details about speaker layout and mode description.

- **5 SPOT** – Optimal for 5.1 channel home theater sound by placing the two surround speakers in the rear of the listening position.
- **4 SPOT (DCS-585 only)** – This is the standard layout for listening to the surround sound, which is similar to the 5 spot speaker layout. The two center speakers are separated to the right and left sides, and neatly arranged around the TV.
- **3 SPOT** – This is the classic layout for the Front Surround mode. The two surround speakers are placed in front of the listening position.

- **2 SPOT (DCS-585 only)** – This layout for the Front Surround mode is the same as the 3 spot speaker layout. The two center speakers are separated to the right and left sides, and neatly arranged around the TV.

4 Press ENTER to confirm.¹

Using the Auto MCACC setup for optimal surround sound

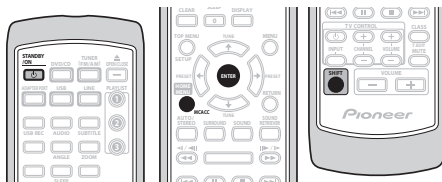
Not applicable to the DCS-FS30 model

The Multichannel Acoustic Calibration (MCACC) system measures the acoustic characteristics of your listening area, taking into account ambient noise and testing for channel delay and channel level. After you have set up the microphone provided with your system, the receiver uses the information from a series of test tones to measure reverb, optimizing the speaker settings and equalization (Acoustic Calibration EQ) for your particular room.²



Important

- These test tones are loud; however, do not turn the volume down during setup as this may result in a sub-optimal calibration.
- Make sure the mic and speakers are not moved during the MCACC setup.

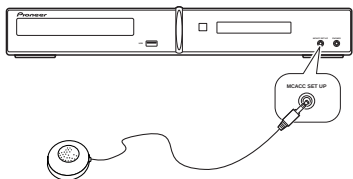


Note

¹ To change the setting, press **SHIFT+SETUP**, use $\leftarrow/\rightarrow$ to select **SYS SET**, then use $\leftarrow/\rightarrow$ to select **LAYOUT** to start setting procedure.

² You only need to use the Auto MCACC setup once (unless you change the placement of your speakers or your room layout).

1 Connect the microphone to the MCACC MIC jack on the front panel.



2 Place the microphone at your normal listening position.

Place it about ear height, and make sure it is level by using a table or chair.

Make sure there are no obstacles between the speakers and the microphone.

3 If the system is off, press **⏻** **STANDBY/ON** to turn the power on.

When the speaker layout menu appears, see *Setting Speaker Layout* on page 17 and select a proper setting.

4 Press **SHIFT+MCACC**.

Try to be as quiet as possible after pressing **SHIFT+MCACC**. The volume increases automatically and the system outputs a series of test tones.

- Press **SHIFT+MCACC** to cancel and revert to the previous Auto MCACC settings.
- If the noise level is too high, **NOISY** blinks in the display for five seconds. To exit and check the noise levels¹, press **SHIFT+MCACC**, or to try again, press **ENTER** when **RETRY** shows in the display.

- If you see an **ERR MIC** or **ERR SP** message in the display, there may be a problem with your mic or the speaker connections. To try again, press **ENTER** when you see **RETRY**.²

When MCACC setup is complete, the volume level returns to normal and **COMPLETE**³ shows in the display, indicating that the MCACC setup is complete and Acoustic Calibration EQ has been activated.⁴

- Be sure to disconnect the microphone from this unit upon completion of the Auto MCACC 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.⁵



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

Note

- 1 • If the room environment is not optimal for the Auto MCACC setup (too much ambient noise, echo off the walls, obstacles blocking the speakers from the microphone) the final settings may be incorrect. Check for household appliances (air conditioner, fridge, fan, etc.), that may be affecting the environment and switch them off if necessary.
 - Some older TVs may interfere with the operation of the mic. If this seems to be happening, switch off the TV during the Auto MCACC setup.
- 2 If this doesn't work, press **SHIFT+MCACC**, turn off the power, and check the problem indicated by the error message, then try the Auto MCACC setup again.
- 3 If **COMPLETE** doesn't appear, it is likely an error occurred during the setup. Please check all connections and try again.
- 4 See *Listening with Acoustic Calibration EQ* on page 24 to switch on/off Acoustic Calibration EQ.
- 5 The screen saver will appear after five minutes of inactivity.

**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

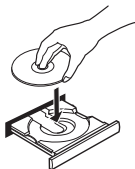
The basic playback controls for playing DVD, CD, Video CD/Super VCD, DivX video/WMV and WMA/MP3/MPEG-4 AAC discs are covered here. Further functions are detailed in chapter 6.

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.

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 20 to navigate these.

If you loaded a disc containing JPEGs, a slideshow will start. See *Playing a JPEG slideshow* on page 26 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 6.

Button	What it does
▶	Starts/resumes normal playback. • 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).
II	Pauses/unpauses a disc.
■	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. • 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.

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.

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. See also *More tuner features: RDS* on page 36.

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 TUNERSET then press ENTER.**
- 3 Use ←/→ to choose FM MODE then press ENTER.**
- 4 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).

Reducing AM reception noise

If AM reception seems particularly poor, or the AM radio station you're listening to seems noisy, try using the Noise Cut feature for better sound quality.

- 1 **Tune to an AM radio station then press SHIFT+SETUP.**
- 2 **Use ◀/▶ to choose TUNERSET then press ENTER.**
- 3 **Use ◀/▶ to choose NOISECUT then press ENTER.**
- 4 **Use ↑/↓ to select the noise cut mode then press ENTER.**

Select an effect level between 1 or 2.

Memorizing stations

This system can memorize up to 30 stations, stored in three banks, or classes (A, B and C) of 10 stations each.

- 1 **Tune to an AM or FM radio station.**
Select mono or auto-stereo reception (FM) as necessary. These settings are saved along with the preset.
- 2 **Press SHIFT+T.EDIT.**
- 3 **Press CLASS to select one of the three classes, then use the PRESET buttons to select the station preset you want.**
You can also use the number buttons to select a preset.

- 4 **Press ENTER.**

After pressing **ENTER**, the preset class and number stop blinking and the system memorize station.

Listening to station presets

You will need to have some presets stored to do this.

- 1 **Make sure the TUNER function is selected.**
- 2 **Press CLASS to select the class in which the channel is stored. Press repeatedly to cycle through classes A, B and C.**
- 3 **Use the PRESET buttons to select a station preset.**
 - You can also use the number buttons to do this.

Audio input settings from the TVs (TV Input)

To listen to audio from a flat screen TV on this device, you will need to connect an audio cable other than an HDMI cable. From this menu, set the audio input to that which you would like to connect. This setting is effective only when KURO LINK is set to **LINK ON** and this unit is connected with a KURO LINK-compatible Pioneer flat screen TV (see *KURO LINK Setup* on page 48).

Select from inputs **DIGITAL AUDIO (LINE1)**, **ANALOG AUDIO (LINE2)** and **AV CONNECTOR (LINE3)**.

- 1 **Press SHIFT+SETUP and use ◀/▶ to select SYS SET then press ENTER.**
- 2 **Use ◀/▶ to select TV INPUT, then press ENTER.**
- 3 **Use ↑/↓ to adjust the setting then press ENTER to confirm.**

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 components* on page 42 for more on this.

- To connect a USB device to the USB terminal, see *USB playback and Recording* on page 32.
- **Bluetooth ADAPTER** is selectable when it is plugged and detected. See *Bluetooth® ADAPTER for Wireless Enjoyment of Music* on page 45 for more on this.

- 1 **Make sure that the external source (TV, satellite receiver, etc.) is switched on.**
- 2 **Press LINE to select the source.**
Each press switches between **LINE1**, **LINE2** and **LINE3**.
- 3 **If necessary, start playback of the source.**

Chapter 5

Listening to your system

 Important

- This unit's audio function may be restricted depending on the sound source, Line Output setting (page 43), and HDMI audio setting (page 44). In this event, the menus may not appear, or a message may be displayed instead (page 59).

Selecting Listening mode

Various listening modes are available for enjoyment of diverse sound effects and for sound field correction according to your preference. Depending on the speaker layout you have chosen in the *Home theater sound setup* on page 6, the listening mode you can set differs. Read the following and proceed with each setting.

- **5 spot/4 spot speaker layout**

When you have chosen 5 spot/4 spot speaker layout, select one listening mode from the surround sound mode. See *Listening in surround sound* below.

- **3 spot/2spot speaker layout**

When you have chosen 3 spot/2 spot speaker layout, select one listening mode from the Front Stage Surround Advance mode. See *Using Front Stage Surround Advance* on page 23.

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 AUTO/STEREO to select the AUTO listening mode.¹**

The mode is automatically selected according to the speaker layout setting.²

Source	5 SPOT 4 SPOT	3 SPOT 2 SPOT
two-ch	STEREO	STEREO
multi-ch	STANDARD	FOCUS5.1
Dolby surround	MOVIE	FOCUS5.1

Listening in surround sound

For DCS-585/590:

When you set up the system for 5 spot/4 spot speaker layout, the surround sound mode is available.

You can listen to stereo or multichannel source in surround sound. 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.

- **STANDARD** – Standard decoding mode (This mode can be selected only when the source is multi channel)
- **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)

 Note

¹ If the source is Dolby Digital or DTS, the corresponding indicator lights in the front panel display.
² DCS-FS30 only: Two-channel is set to **STEREO**, and multichannel and Dolby Surround are set to **FOCUS**.

- **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)
- **DOLBY PL** (Dolby Pro Logic) – 4.1 channel surround sound (use with any two-channel source)

Each mode shown below is a Pioneer original sound field mode and is called an “Advanced Surround” mode.

- **ACTION** – Designed for action movies with dynamic soundtracks
- **UNPLUGGED** – Suitable for acoustic music sources
- **EXPANDED** – Creates an extra wide stereo field.
- **TV SURR** – Provides surround sound for both mono and stereo TV sources.
- **SPORTS** – Suitable for sports programs
- **ADV.GAME** – Suitable for video games
- **X-STEREO** (Extended Stereo)– Gives multichannel sound to a stereo source, using all of your speakers.

Dolby Pro Logic II Music settings

When listening in Dolby Pro Logic II Music mode, there are three settings you can adjust: Center Width, Dimension, and Panorama.

1 With Dolby Pro Logic II Music mode active, press SOUND.

2 Use ←/→ to select C.WIDTH, DIMEN or PANORAMA then press ENTER.

- **C.WIDTH** (Center Width) – Provides a better blend of the front speakers by spreading the center channel between the front right and left speakers, making it sound wider (higher settings) or narrower (lower settings).
- **DIMEN** (Dimension) – Adjusts the depth of the surround sound balance from front to back, making the sound more distant (minus settings), or more forward (positive settings).

- **PANORAMA** – Extends the front stereo image to include the surround speakers for a ‘wraparound’ effect.

3 Use ↑/↓ to adjust each setting.

- **C.WIDTH** is adjusted within a range of **0** and **7**.
- **DIMEN** is adjusted within a range of **–3** and **+3**.
- For **PANORAMA**, select from **PNRM OFF** and **PNRM ON**.

4 Press ENTER to confirm.

Using Front Stage Surround Advance

The Front Stage Surround Advance modes are effective when you are using the 3spot/2spot speaker layout as described on page 17.

• **Press SURROUND repeatedly to select a Front Stage Surround Advance mode.**

- **FOCUS5.1** – Use to provide a rich surround sound effect directed to the center area where the left and right speakers' sound projection converges.
- **WIDE5.1** – Use to provide a surround sound effect to a wider area than **FOCUS5.1** mode.
- **EXTRAPWR** – Outputs stereo sound (in the case of multi-channel sources, down-mixed stereo sound) from the surround speakers for powerful stereo effect.

Only for DCS-FS30:

- **FOCUS** – equivalent to **FOCUS5.1** above
- **WIDE** – equivalent to **WIDE5.1** above

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.

In the Auto level control stereo mode (A.L.C.), this unit equalizes playback sound levels if each sound level varies with the music source recorded in a portable audio player.

- Press **AUTO/STEREO** repeatedly to select **STEREO** or **A.L.C.** mode.

Listening with headphones

When headphones are connected, only the **STEREO** (default), **A.L.C.** or **PHONESUR** (virtual surround sound for headphones) modes are available.

- With headphones connected, press **AUTO/STEREO** or **SURROUND** to select **STEREO**, **A.L.C.** or **PHONESUR**.

Listening with Acoustic Calibration EQ

You can listen to sources using the Acoustic Calibration Equalization set in *Using the Auto MCACC setup for optimal surround sound* on page 17.¹

- 1 Press **SOUND** and use **←/→** to select **MCACC EQ** then press **ENTER**.
- 2 Use **↑/↓** to select **EQ ON** or **EQ OFF** then press **ENTER** to confirm.
 - If you select **EQ OFF**, equalization is set to off but speaker settings (channel delay and channel level) remain in effect.
 - **EQ ON** is selected automatically after the Auto MCACC setup is completed.

Using the Sound Retriever

When audio data is removed during the WMA/MP3/MPEG-4 AAC compression process, sound quality often suffers from an uneven sound image. The Sound Retriever feature employs new DSP technology that helps bring CD quality sound back to compressed two-channel audio by restoring sound pressure and smoothing jagged artifacts left over after compression.

- While listening to a stereo source, press **SOUND RETRIEVER** to select **RTRV ON** or **RTRV OFF**.

Enhancing dialogue

The Dialogue Enhancement feature is designed to make the dialogue stand out from other background sounds in a TV or movie soundtrack.

- 1 Press **SOUND** and use **←/→** to select **DIALOGUE** then press **ENTER**.
- 2 Use **↑/↓** to select the amount of dialogue enhancement then press **ENTER** to confirm.
Select between **OFF**, **MID**, **MAX** or **AUTO**.

Using the Tone controls

You can change the tonal balance of the sound by using the tone control menu.

- 1 Press **SOUND** and use **←/→** to select **TONE** then press **ENTER**.
- 2 Use **←/→** to select the option you want to adjust and press **ENTER**.
The Bass/Treble, Quiet and Midnight features cannot be used at the same time.

Note

¹ Acoustic Calibration EQ is not available when headphones are connected.

Adjusting the bass and treble

Use the tone controls to adjust the bass and treble.

- Use **←/→** to select **BASS** or **TREBLE** then use **↑/↓** to adjust the tone. Press **ENTER** to confirm.
 - Bass and Treble can be adjusted from **-6dB** to **+6dB**.

Quiet and Midnight modes

The Quiet listening feature reduces excessive bass or treble in a sound source.

The Midnight listening feature allows you to hear effective surround sound of movies at low volume levels.

- **After pressing ENTER, the setting switches on/off.**
 - To cancel the Quiet or Midnight listening modes, select **BASS/TRE**.

Boosting the bass level

There are two bass modes you can use to enhance the bass in a source.¹

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

Note

¹ The Bass Mode is not available when headphones are connected.

Chapter 6

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.

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.

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.

Disc playback features

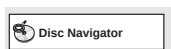
While the slideshow is running:

Button	What it does
II	Pauses the slideshow (or audio); press again to restart.
I◀◀	Jumps to the previous picture (or audio file with audio playback).
▶▶I	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).

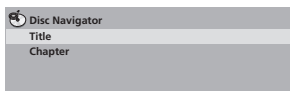
Browsing DVD or Video CD/ Super VCD discs with the Disc Navigator

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 I◀◀/▶▶I.

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



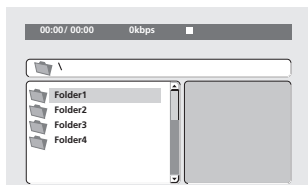
You can use either ↑/↓/◀/▶ and **ENTER** to select a thumbnail, or the number buttons.

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.



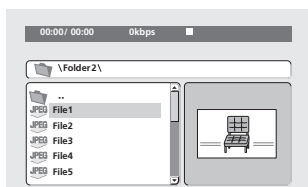
2 Use ↑/↓/←/→ and ENTER to navigate.

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.

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

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.



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.**

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.

- 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 30).

- 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'.**

- 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.



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.

- 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

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.

- To set audio language preferences, see *Language settings* on page 39.

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, use the SHIFT+ZOOM button 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.⁴

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 39.
- See *Displaying DivX subtitle files* on page 53 for more on DivX subtitles.

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 40).

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

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

When playing a Video CD/Super VCD, you can switch between stereo, just the left channel or just the right channel.

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

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 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.

⁴ • 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 7

USB playback and Recording

Using the USB interface

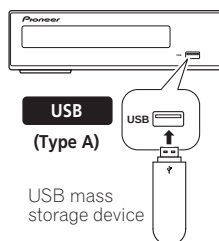
It is possible to listen to two-channel audio¹ and watch DivX video/WMV/JPEG files using the USB interface on the front of this unit. Connect a USB mass storage device² as shown below.

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.

Recording the tracks of a music CD on a USB device

The tracks of a music CD loaded in this unit can be recorded on a USB connected to the USB port.

Recording all the tracks

1 Load the music CD.

Press **■** to stop playback.

Note

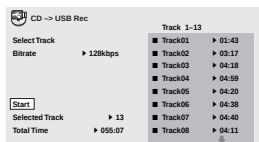
¹ This includes playback of DivX video/WMV/WMA/MP3/MPEG-4 AAC files (except files with copy-protection or restricted playback).

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.

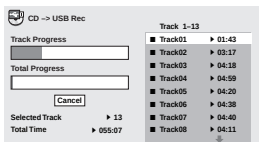
- With large amounts of data, it may take longer for the system to read the contents of a USB device.
- Some USB devices may not be properly recognized.
- Even when they are in a supported format, some files may not play or display depending on the content.

2 Press **SHIFT+USB REC** to display the 'CD -> USB Rec' screen.



3 Press **ENTER** to start recording.

Recording starts. The screen shown below is displayed during recording.¹



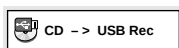
Recording specific tracks

1 Load the music CD.

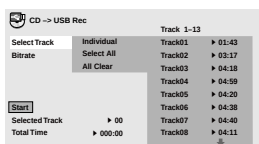
Press **■** to stop playback.

2 Press **HOME MENU** and select 'CD ->USB Rec'.

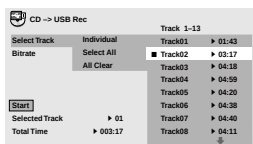
CD -> USB Rec can only be selected when the music CD is stopped.



3 Make setting using **↑/↓/←/→** and **ENTER**.



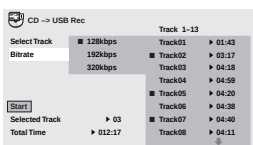
4 Select the track you want to record.



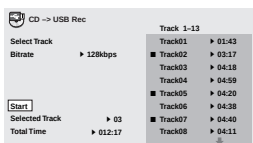
- **Individual** — Select one track at a time.
- **Select All** — Select all the tracks.
- **All Clear** — Clear all selected tracks.

5 Select the bit rate (transfer rate).

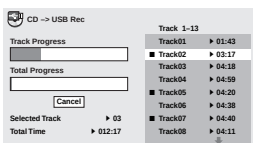
Select **128 kbps**, **192 kbps** or **320 kbps**.



6 Select '**Start**' using the **↑/↓/←/→**, then press **ENTER**.²



Recording starts.



Note

¹ Recording cannot be started if there is not enough free space on the USB device. In this case, "Available USB space is low" is displayed.

² • When recording is finished, a folder named "PIONEER" is created automatically on the USB device. The recorded tracks are stored in this folder.

- Up to 99 "PIONEER" folders can be created.
- Recording is not possible if the USB device contains 300 folders or more.
- When recording on a USB device is under way, all DVD-related key operations are disabled except for the operation of **⏻ STANDBY/ON** and **⏏ OPEN/CLOSE** buttons and switchover of the functions.

• When the sleep timer is ON, it is cancelled once recording on a USB device is started.

Chapter 8

Surround sound settings

Using the Sound Setup menu

From the Sound Setup menu you can access all the surround sound settings of the system, including channel levels, speaker distances, dynamic range, CD Type and Sound Field adjustment. The Auto MCACC feature (page 17) should give you the best surround sound setup. However you may find that by further adjustment of the surround sound settings you can improve the surround sound in your listening room.

1 Press SHIFT+SETUP and use ◀/▶ to select SOUNDSET then press ENTER to choose the setting you want to adjust.

The available settings are shown in the front panel display.¹

2 Use ↑/↓ to adjust then press ENTER to confirm and exit.

- Note that using the Auto MCACC (page 17) again overwrites the speaker settings.

Channel level setting (CH LEVEL)

Not applicable to the DCS-FS30 model

Set the relative channel levels from your main listening position.²

Use ◀/▶ to switch between channels in the following order:

- **L** – Front left speaker
- **C** – Center speaker

- **R** – Front right speaker
- **SR** – Surround right speaker
- **SL** – Surround left speaker
- **SW** – Subwoofer

The channel level range is ± 10 dB.

Speaker distance setting (DISTANCE)

Not applicable to the DCS-FS30 model

Specifies the distance from your listening position to your speakers.

When **DISTANCE** appears, press **ENTER**, then use ↑/↓ to adjust the distance, and ◀/▶ to switch between the following speakers:

- **L** – Front left speaker
- **C** – Center speaker
- **R** – Front right speaker
- **SR** – Surround right speaker
- **SL** – Surround left speaker
- **SW** – Subwoofer

Each speaker can be adjusted between **0.1 m** and **9.0 m**. The default setting is **3.0 m**.

Dynamic Range Control (D.R.C.)

Specifies dynamic range adjustment to Dolby Digital or some DTS soundtracks. If low level sound or dialogue seem difficult to hear properly, this can help by bringing up the low level sounds, while controlling high level peaks.

 Note

¹ The setup menu is exited automatically after five minutes of inactivity.

² • The Channel level setting is not available when headphones are connected.

• The speaker volume can be adjusted at any time by using **VOLUME +/-** and then using ↑/↓ to adjust the channel levels. When **TESTTONE** is selected, the test tone automatically moves from speaker to speaker in the order listed above. You should hear the test tone at the same volume from each speaker when seated in the main listening position. Press **ENTER** when you're finished.

• Since the subwoofer produces ultra-low frequencies it may seem quieter than it actually is.
• When the speaker volume is set to **51** or more, **TESTTONE** cannot be selected and the channel level setting range is restricted. In addition, if the channel level range of any speaker is set to the + side, the maximum speaker volume is also restricted.

- **OFF** (*default*) – No dynamic range adjustment (use when listening at higher volumes)
- **MID** – Mid setting
- **HIGH** – Dynamic range is reduced (loud sounds are reduced in volume while quieter sounds are increased)

DTS CD setting (CD TYPE)

If you play a DTS-encoded CD, you will need to change this setting to hear the decoded signal.

- **NORMAL** – Regular CD playback; some DTS-encoded CDs output a noisy signal.
- **DTS-CD** – Proper decoding of DTS-encoded CDs; the beginning of regular CD tracks may be skipped.

Dual mono setting (DUALMONO)

Specifies how dual mono encoded Dolby Digital soundtracks should be played. This setting can also be used to change the audio channels for DVD-RW discs recorded in bilingual audio, and external inputs with bilingual audio.

- **Press SHIFT+AUDIO repeatedly to select a setting.**

Select one of the following while a disc is playing dual mono audio.¹

- **CH1 MONO** – Only channel 1 is played
- **CH2 MONO** – Only channel 2 is played
- **CH1/CH2** – Both channels are played through the front speakers

Effective Sound for optimum sound (S.FIELD)

With the uniquely shaped high-quality speakers supplied with this unit, the Effective Sound mode enables the following Pioneer exclusive audio technologies designed to maximize the real experience of sound originally inherent in movies and music.

Turn on the Effective Sound mode under normal circumstances to maximize the capabilities of this unit.²

- **Dynamic Range Compression**
Resuscitates detailed sound susceptible to ambient noise to create an acoustic environment where you feel as if you are right in the action.
- **Frequency Characteristic Correction**
Realizes the playback characteristic optimized for long hours of listening in addition to the added features of the supplied speaker units.
- **EFFECT** (Effective Sound) – Plays the sound with the characteristics optimized for the included speakers.
- **DIRECT** (Direct Sound) – Turns off the Effective Sound mode.

Note

¹ When DVD function is selected, the displayed setting items are **L**, **R** and **L+R** (displayed on OSD).

² The Sound Field will not affect the headphone outputs.

Chapter 9

More tuner features: RDS

An introduction to RDS

Radio Data System (RDS) is a system used by most FM radio stations to provide listeners with various kinds of information — the name of the station and the kind of show they're broadcasting, for example.

One feature of RDS is that you can search by type of program. For example, you can search for a station that's broadcasting a show with the program type, **JAZZ**.

You can search the following program types:¹

NEWS – News	FINANCE – Stock market reports, commerce, trading, etc.
AFFAIRS – Current Affairs	CHILDREN – Programs for children
INFO – General Information	SOCIAL – Social affairs
SPORT – Sport	RELIGION – Programs concerning religion
EDUCATE – Educational	PHONE IN – Public expressing their views by phone
DRAMA – Radio plays, etc.	TRAVEL – Holiday-type travel rather than traffic announcements
CULTURE – National or regional culture, theater, etc.	LEISURE – Leisure interests and hobbies
SCIENCE – Science and technology	JAZZ – Jazz
VARIED – Usually talk-based material, such as quiz shows or interviews.	COUNTRY – Country music
POP M – Pop music	NATION M – Popular music in a language other than English
ROCK M – Rock music	OLDIES – Popular music from the '50s and '60s
EASY M – Easy listening	FOLK M – Folk music
LIGHT M – 'Light' classical music	DOCUMENT – Documentary
CLASSICS – 'Serious' classical music	
OTHER M – Music not fitting above categories	
WEATHER – Weather reports	

Displaying RDS information

Use the **DISPLAY** button to display the different types of RDS information available.²

- **Press DISPLAY for RDS information.**

Each press changes the display as follows:

- **Radio Text (RT)** – Messages sent by the radio station. For example, a talk radio station may provide a phone number as RT.
- **Program Service Name (PS)** – The name of the radio station.
- **Program Type (PTY)** – This indicates the kind of program currently being broadcast.
- **SEARCH** – PTY search (see below)
- Current tuner frequency

Searching for RDS programs

You can search for a program type listed above.

- 1 **Press the TUNER button for the FM band.**³

- 2 **Press DISPLAY repeatedly until SEARCH appears in the display.**

- 3 **Use ←/→ to select the program type you want to hear.**

- 4 **Press ENTER to start the search.**

The system searches the station presets for a match. If it finds one, searching stops for five sec.

- 5 **If you want to keep listening to the station, press ENTER within the five seconds.** If you don't press **ENTER**, searching resumes.

Note

¹ In addition, there are three other program types, **TEST**, **ALARM**, and **NONE**. **ALARM** and **TEST** are used for emergency announcements. You can't search for these, but the tuner will switch automatically to this RDS broadcast signal. **NONE** appears when a program type cannot be found.

² • If any noise is picked up while displaying the RT scroll, some characters may be displayed incorrectly.
 • If you see **NO RADIO TEXT DATA** in the RT display, it means no RT data is sent from the broadcast station. The display will automatically switch to the PS data display (if no PS data, the frequency is displayed).
 • In the PTY display, **NO DATA** or **NONE** may be shown. In this case, the PS display is shown after a few seconds.

³ RDS is only possible in the FM band.

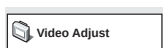
Chapter 10

Video Adjust menu

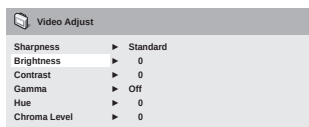
Video Adjust menu

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.

Chapter 11

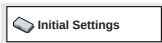
Initial Settings menu

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

Digital Audio Out settings

DCS-FS30 only

Setting	Option	What it means
Dolby Digital Out	Dolby Digital	Dolby Digital encoded digital audio is output when playing a Dolby Digital DVD disc.
	<i>Dolby Digital > PCM</i>	Dolby Digital audio is converted to PCM audio before being output.
DTS Out	DTS	DTS encoded digital audio is output when playing a DTS disc. (Noise will be output if your amplifier/receiver is not compatible with DTS audio.)
	<i>DTS > PCM</i>	No digital audio is output when playing a DTS disc. DTS audio is converted to PCM audio before being output.

Video Output settings

Setting	Option	What it means
TV Screen (See also Screen sizes and disc formats on page 55.)	4:3 (Letter Box)	Set if you have a conventional 4:3 TV. Widescreen movies are shown with black bars top and bottom.
	4:3 (Pan & Scan)	Set if you have a conventional 4:3 TV. Widescreen movies are shown with the sides cropped so that the image fills the screen.
	16:9 (Wide)	Set if you have a widescreen TV.
	16:9 (Compressed)	Set if you have a widescreen TV. 4:3 material is shown with black bars on either side of the screen. ²

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 **AV Connector Out** setting only needs to be set if you have connected this player to your TV using a SCART cable.
• 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
AV Connector Out (See <i>Connecting auxiliary components</i> on page 42.)	Video	Standard video, compatible with all TVs.
	<i>S-Video</i>	Higher quality, but check your TV for compatibility.
	<i>RGB</i>	Best quality, but check your TV for compatibility.
HDMI Resolution* (See <i>Connecting using HDMI</i> on page 44.) * Default changes with TV format (PAL/NTSC).	<i>1920x1080p</i>	Set if your TV supports 1920 x 1080 pixel progressive-scan video.
	<i>1920x1080i</i>	Set if your TV supports 1920 x 1080 pixel interlace video.
	<i>1280x720p</i>	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.
	<i>720x480i (NTSC)/ 720x576i (PAL)</i>	Set if your TV supports 720 x 480 (NTSC)/720 x 576 (PAL) pixel interlace video.
HDMI Color* (See <i>Connecting using HDMI</i> on page 44.) * Default changes depending on device connected.	<i>Full range RGB</i>	If colors are weak, this gives brighter colors and deeper black (default setting for HDMI-compatible DVI devices).
	<i>RGB</i>	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	If there is an English soundtrack on the disc, it is played.
	<i>Languages as displayed</i>	If there is a language selected 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 60).
Subtitle Language	English	If there are English subtitles on the disc they are displayed.
	<i>Languages as displayed</i>	The subtitle language selected 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 60).
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 60).
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	On-screen displays of the player are in English.
	<i>Languages as displayed</i>	On-screen displays are shown in the language selected.
Angle Indicator	On	A camera icon is displayed on-screen during multi-angle scenes on a DVD disc.
	<i>Off</i>	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.

Parental Lock

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

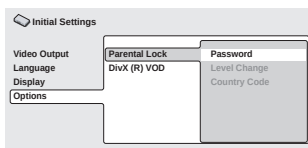
To give you some control over what your children watch on your DVD player, some DVD-Video discs feature a Parental Lock level. If your player is set to a lower level than the disc, the disc won't play.

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.

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.

Note

- 1 • 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 60).

Setting/changing the Country/Area code

You can find the *Country/Area code list* on page 61.

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



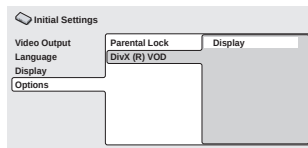
Important

- 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

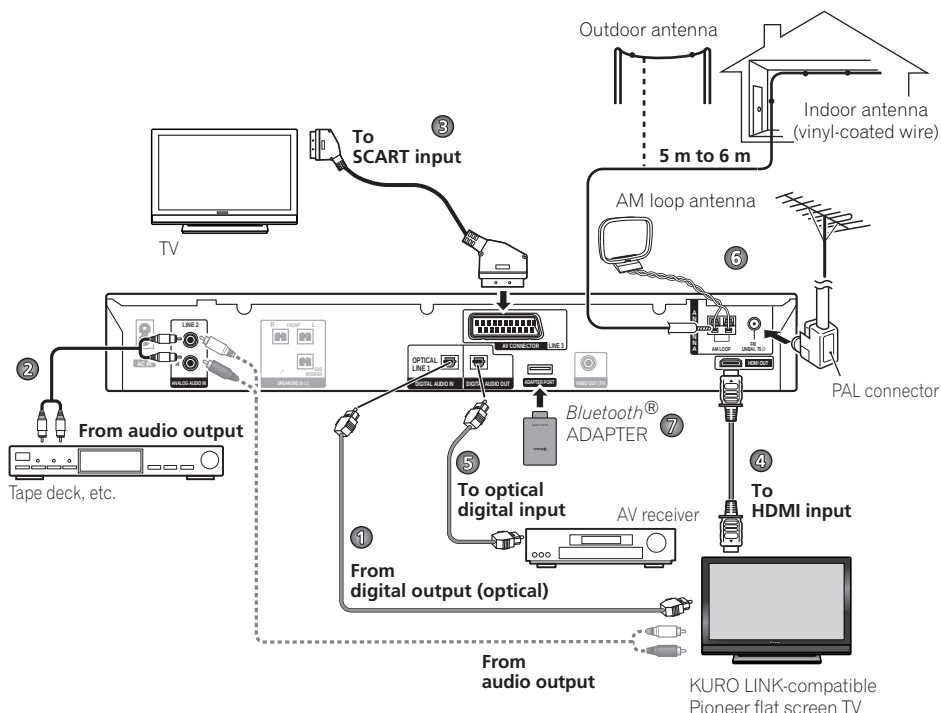
¹ Resetting the player (as described in *Resetting the system* on page 60) will not cause you to lose your registration code.

Chapter 12

Other connections

**Important**

- When making or changing connections on the rear panel of this unit, be sure to switch power off and disconnect the power cord from the wall socket.
After completing all connections, connect the power cord to the wall socket.



Connecting auxiliary components

You can connect both analog and digital external audio sources to this system. Digital audio sources include digital satellite receivers, CD recorders, etc.

We recommend using an HDMI cable to connect sources that have HDMI terminals. For more information see *Connecting using HDMI* on page 44.

To listen to audio from a TV, connect the TV's audio cable to one of the inputs on this unit.

Connecting for digital audio

This system has optical-type digital inputs. Use these to connect external components, such as your digital TV, MD or CD recorder.

For the connection diagram, see 1 on page 42.

- **Connect the DIGITAL AUDIO IN (LINE1) jack to the digital output of an external playback component.**

These include digital components such as a digital TV, an MD player, digital satellite, or a game system.

DCS-FS30 only:

This system has an optical-type digital output for providing surround playback.

For the connection diagram, see 5 on page 42.

- **Connect the DIGITAL AUDIO OUT jack to the digital input on your multichannel AV receiver.**

Connecting an analog audio component

You can use the **ANALOG AUDIO IN (LINE 2)** jacks to connect an analog audio component, such as a tape player.

For the connection diagram, see 2 on page 42.

- **Connect the ANALOG AUDIO IN (LINE 2) jacks to the analog outputs of an external playback component.**

Connect using RCA pin-plug stereo cables.

Using the SCART AV output

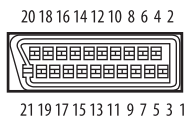
The SCART output should give you better picture quality than the standard composite video output. The SCART AV connector functions as both a video and audio output.¹

- **Use a commercially available SCART cable to connect the AV CONNECTOR (LINE 3) to your TV.**

For the connection diagram, see 3 on page 42.

SCART pin assignment

The diagram below shows the SCART 21-pin connector assignment. This connector provides the video and audio signals for connection to a compatible color TV/monitor.



Pin No.	Assignment	Pin No.	Assignment
1	Audio R OUT	12	No connection
2	Audio R IN	13	GND (video)
3	Audio L OUT	14	GND (video)
4	GND (audio)	15	R or C OUT
5	GND (video)	16	BLANK OUT
6	Audio L IN	17	GND (video)
7	B OUT	18	GND (video)
8	Status	19	Video or Y OUT
9	GND (video)	20	No connection
10	No connection	21	GND (video)
11	G OUT		

Line Output setting

Use to select the audio down-mix method when outputting Dolby Digital multi-channel sound sources from the **AV CONNECTOR**.²

- 1 Press **SHIFT+SETUP** and use **←/→** to select **SOUNDSET** then press **ENTER**.
- 2 Select **Sound Setup**, then press **ENTER**.
- 3 Use **←/→** to select **LINE OUT**, then press **ENTER**.
- 4 Use **↑/↓** to select a setting then press **ENTER** to confirm and exit.

Note

¹ SCART cables are available in several configurations. Make sure that the one you get will work with this system and your TV/monitor (see *SCART pin assignment* below).

² • When the Line Output is switched to **LT/RT**, the sound function will be fixed at the current setting and cannot be changed.

The display will briefly flash **LINE OUT** if an attempt is made to use a prohibited function.

• When the Line Output is to **LO/RO**, the audio from the SCART output may be interrupted, depending on the operation.

• When using DTS multi-channel sound sources, output is in **LO/RO**.

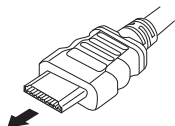
- **LO/RO** – A simple stereo downmix (left-only/right-only, or Lo/Ro) is output (suitable for playback on a two-channel stereo system or on headphones).
- **LT/RT** – A surround-compatible downmix (left-total/right-total, or Lt/Rt) of Dolby multichannel sources is output, (suitable for Dolby Surround Pro Logic or other matrix decoding).

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.¹

For the connection diagram, see 4 on page 42.

- **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 38.

Switching the HDMI audio setting

You can select the system speaker or the TV through the HDMI to output the audio sound of the DVD/CD or USB function. You cannot use a number of sound functions of this system when HDMI audio is set to **TV**.

Note

¹ • 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 38 to do this).

² This makes it possible to use the TV's built-in speakers to listen to the audio input from a **DVD** and **USB** device. Audio output from the HDMI terminal is 2 channel linear PCM only. In this event, no sound will be heard from this unit's speakers (or headphones). All other audio sources (including **TUNER**) are output from this unit normally.

- 1 Press **SHIFT+SETUP**.
- 2 Use **←/→** to select **HDMI SET** then press **ENTER**.
- 3 Use **←/→** to choose **HDMI MODE** then press **ENTER**.
- 4 Use **↑/↓** to choose the setting you want then press **ENTER**.
 - **AMP** – Output audio sound of the DVD/CD and USB function signal from this system.
 - **TV** – Output audio sound of the DVD/CD and USB function signal from a TV or flat screen TV.²

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 58. If this doesn't solve the problem, follow the steps below to reset the HDMI connection.

- 1 Press **SHIFT+SETUP**.
- 2 Use **←/→** to select **INITIAL** then press **ENTER**.
- 3 Use **←/→** to choose **HDMIINIT** then press **ENTER**.
- 4 Press **ENTER** while **INIT OK** is blinking.

The system will restart and the HDMI settings are automatically reset to the factory defaults. See *Video Output settings* on page 38 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 five 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.

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.

For the connection diagram, see 6 on page 42.

Bluetooth® ADAPTER for Wireless Enjoyment of Music

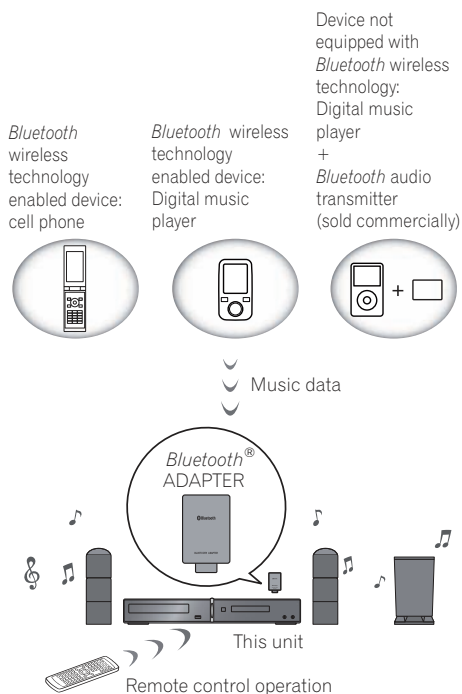
Wireless music play

When the *Bluetooth* ADAPTER (Pioneer Model No. AS-BT100) is connected to this unit, a product equipped with *Bluetooth* wireless technology (portable cell phone, digital music

player, etc.) can be used to listen to music wirelessly.¹ Also, by using a commercially available transmitter supporting *Bluetooth* wireless technology, you can listen to music on a device not equipped with *Bluetooth* wireless technology. The AS-BT100 model supports SCMS-T contents protection, so music can also be enjoyed on devices equipped with SCMS-T type *Bluetooth* wireless technology.

Remote control operation

The remote control supplied with this system allows you to play and stop media, and perform other operations.²



Note

- 1 It may be necessary that the *Bluetooth* wireless technology enabled device supports A2DP profiles.
- 2 • It may be necessary that the *Bluetooth* wireless technology enabled device supports AVRCP profiles.
 - Remote control operations cannot be guaranteed for all *Bluetooth* wireless technology enabled devices.

Connecting Optional *Bluetooth* ADAPTER

1 Switch the system into standby and connect *Bluetooth* ADAPTER to the ADAPTER PORT located in the rear panel.

For the connection diagram, see 7 on page 42.

2 Press  STANDBY/ON.

3 Press ADAPTER PORT and to switch to BT AUDIO input mode.¹

Pairing *Bluetooth* ADAPTER and *Bluetooth* wireless technology device

"Pairing" must be done before you start playback of *Bluetooth* wireless technology content using *Bluetooth* ADAPTER. Make sure to perform pairing first time you operate the system or any time pairing data is cleared.

"Pairing" is the step necessary to register *Bluetooth* wireless technology device to enable *Bluetooth* communications.² For more details, see also the operating instructions of your *Bluetooth* wireless technology device.

1 Press SHIFT+SETUP to select BT SETUP, then press ENTER.

2 Use / to select PAIRING, then press ENTER.

3 Select the PIN code to be used from 0000/1234/8888 using /, then press ENTER. PAIRING blinks.



CAUTION

- You can use any of 0000/1234/8888 PIN codes. *Bluetooth* wireless technology device using any other PIN code cannot be used with this system.

4 Switch on the *Bluetooth* wireless technology device that you want to make pairing, place it near the system and set it into the pairing mode.

5 Check to see that the *Bluetooth* ADAPTER is detected by the *Bluetooth* wireless technology device.

When the *Bluetooth* wireless technology device detects the *Bluetooth* ADAPTER, the adapter's identification "AS-BT100" appears in the *Bluetooth* wireless technology device list.³

6 From the *Bluetooth* wireless technology device list, select *Bluetooth* ADAPTER and enter the PIN code selected in the step 3.⁴

Listening to Music Contents of *Bluetooth* wireless technology device with Your System

1 Press ADAPTER PORT and to switch to BT AUDIO input mode.

2 Connect the *Bluetooth* wireless technology device to the *Bluetooth* ADAPTER.

Note

¹ When the *Bluetooth* ADAPTER is not plugged in the ADAPTER PORT, BT AUDIO input mode cannot be entered even if ADAPTER PORT is pressed.

² • Pairing is required when you first use *Bluetooth* wireless technology device and *Bluetooth* ADAPTER.

• To enable *Bluetooth* communication, pairing should be done with both of your system and *Bluetooth* wireless technology device.

³ When a *Bluetooth* wireless technology device does not appear in the list of detected devices or has no display, the *Bluetooth* wireless technology device list does not appear. In some cases, you may pair the *Bluetooth* ADAPTER and that *Bluetooth* wireless technology device by using the pairing mode.

⁴ PIN code may in some case be referred to as PASSKEY.

Other connections

When *Bluetooth* wireless technology device is connected:

Bluetooth wireless technology device name appears in the system display.¹

When *Bluetooth* wireless technology device is not connected:

NODEVICE appears in the system display.

3 Start playback of music contents stored in *Bluetooth* wireless technology device.

The following operations are now possible for *Bluetooth* wireless technology devices, using the button at the top of the system and remote controller.²

Button	What it does
▶/ (system)	Starts normal playback and pauses/unpauses playback.
▶ (remote control)	Starts normal playback.
 (remote control)	Pauses playback.
■ (system/ remote control)	Stops playback.
◀◀ (remote control)	Press to start fast reverse scanning.
▶▶ (remote control)	Press to start fast forward scanning.
◀◀ (remote control)	Skips to the start of the current file, then previous files.
▶▶ (remote control)	Skips to the next file.

Clearing Pairing³

1 Press **SHIFT+SETUP**, select **BT SETUP**, then press **ENTER**.

2 Use **←/→** to select **PAIR CLR**, then press **ENTER**.

3 When **CLR OK** appears, press **ENTER**.

The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Pioneer Corporation is under license. Other trademarks and trade names are those of their respective owners.

Note

¹ The system can display alphanumeric characters only. Other characters may not be displayed correctly.

² • *Bluetooth* wireless technology device should be compatible with AVRCP profile.

• Depending on *Bluetooth* wireless technology device you use, operation may differ from what is shown in this table.

³ • Clearing should be done with *Bluetooth* wireless technology device being disconnected.

• When you connect *Bluetooth* wireless technology device again after clearing, repeat the pairing steps referring to *Pairing Bluetooth ADAPTER and Bluetooth wireless technology device* on page 46.

Chapter 13

KURO LINK

By connecting this unit to a KURO LINK-compatible Pioneer flat screen TV with a HDMI cable, you can control this unit from the remote control of a connected flat screen TV, as well as have the connected flat screen TV automatically change inputs in response to operations carried out on this unit.

In addition, when language information is input from the connected flat screen TV, this unit's GUI display language automatically changes (only when playback is stopped and GUI screen is not displayed, with DVD/CD function only).

Refer to the operating instructions for your flat screen TV for more information about which operations can be carried out by connecting via HDMI cable.

- You cannot use this function with components that do not support KURO LINK.
- We cannot guarantee this unit will work with KURO LINK-compatible components other than those made by Pioneer.

Making the KURO LINK connections

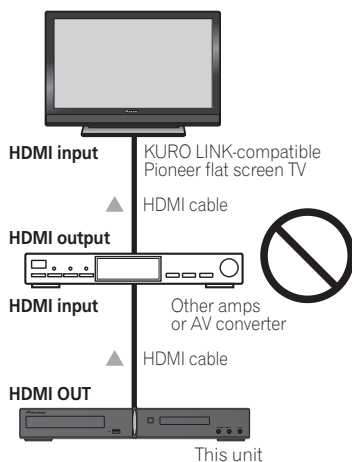
You can use synchronized operation for a connected flat screen TV.

Be sure to connect the flat screen TV's audio cable to the audio input of this unit.

For the connection diagram, see 4 on page 42.

- KURO LINK may not operate properly if you do not use a High Speed HDMI cable.

- Connect the flat screen TV directly to this unit. Interrupting a direct connection with other amps or an AV converter (such as an HDMI switch) can cause operational errors.



Important

- When connecting this system or changing connections, be sure to switch the power off and disconnect the power cord from the wall socket. After completing all connections, connect the power cords to the wall socket.

KURO LINK Setup

You must adjust the settings of this unit as well as KURO LINK-compatible connected components in order to make use of the KURO LINK function. For more information see the operating instructions for each component.

Setting the KURO LINK mode

Choose whether to set this unit's KURO LINK function **ON** or **OFF**. You will need to set it to **LINK ON** to use the KURO LINK function.

- When using a TV that does not support the KURO LINK function, set this to **LINK OFF**.

1 Press SHIFT+SETUP.

2 Use ◀/▶ to select HDMI SET then press ENTER.

3 Use ◀/▶ to select KURO LINK, then press ENTER.

4 Use ↑/↓ to select the setting then press ENTER to confirm.

- **LINK ON** – Enables the KURO LINK function.
- **LINK OFF** – The KURO LINK is disabled. Synchronized operations cannot be used.

Before using synchronization

Once you have finished all connections and settings, you must:

1 Put all components into standby mode.

2 Turn the power ON for all components, with the power for the flat screen TV being turned on last.

3 Choose DVD/CD and see if video output displays properly on the screen or not.

Synchronized amp mode

The synchronized amp mode can be set from the KURO LINK-compatible TV's remote control. See the explanation below for operations in the synchronized amp mode.

These functions are set from the TV's menu screen. For more information, refer to the operating instructions of the KURO LINK-compatible TV.

Synchronized amp mode operations

When using the synchronized amp mode, the KURO LINK-compatible component connected to this unit operates in sync as described below.

- The unit's volume can be set and the sound can be muted using the TV's remote control.
- When the TV's power is set to standby, the unit's power is also set to standby. (The unit's power is automatically turned off when the TV's power is turned off while a video DVD is being played on the unit. However, the unit's power may not turn off automatically in some cases, for example, if you are listening to a CD or radio and turn off the output device.)
- The unit's input switches automatically when the TV's channel is switched.
- The synchronized amp mode remains in effect even if the unit's input is switched to a function other than the DVD/CD.

The operations below can also be used on Pioneer KURO LINK-compatible flat screen TVs.

- When the unit's volume is adjusted or the sound is muted, the volume status is displayed on the flat screen TV's screen.
- When the OSD language is switched on the flat screen TV, the unit's language setting also switches accordingly.

Canceling synchronized amp mode

- When the synchronized amp mode is canceled, the unit's power turns off if you were viewing a TV program on the TV.
- When in the synchronized amp mode, the synchronized amp mode is canceled when the unit's power is turned off. To turn the synchronized amp mode back on, select the synchronized amp mode using the TV's remote control.
- When in the synchronized amp mode, the synchronized amp mode is canceled if an operation that produces sound from the TV is performed from the TV's menu screen, etc.

Chapter 14

Additional information

Optional system settings

See the notes in each section for more information about the settings. The first setting in each section is the default.

1 Press **SHIFT+SETUP** and use **←/→** to select **SYS SET** then press **ENTER**.

2 Use **←/→** then **ENTER** to choose the setting you want to adjust.

The available settings are shown in the front panel display.¹

3 Use **↑/↓** to adjust then press **ENTER** to confirm and exit.

Dimming the display

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

- **LIGHT** – Brighter setting
- **DARK** – Darker setting

Key lock setting

- **LOCK ON** – Makes the front panel buttons and controls inoperative.
- **LOCK OFF** – Restores regular use of the front panel buttons and controls.

TV system setting

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**).²

• After using **←/→** to choose **TV SYS** (step 3 above), press **ENTER** to change the TV system as follows:

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

• Press **ENTER** while **CHANGE** is blinking.

The system will automatically enter standby mode, then turn on again. You'll see the new TV system setting in the display after seeing **POWER ON**.

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/WMV/ MPEG-4 AAC/ JPEG/no disc	—	NTSC	PAL	NTSC or PAL

Setting the sleep timer

The sleep timer switches off the system after about an hour so you can fall asleep without worrying about it.³

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

Choose between the following options:

Note

1 The setup menu is exited automatically after 5 minutes of inactivity.

2 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.

3 The display dims when the sleep timer is set.

- **SLP ON** – Switches off after about an hour.
The  indicator lights.
- **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):



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.
- **DVD** 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.



Super Video CD (Super VCD)

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	• 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	• 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

Media	Compatible formats
PC-created disc	- 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.
Compressed audio	- 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	- Baseline JPEG and EXIF 2.2* still image files up to a resolution of 3072 x 2048 <i>*File format for digital still cameras</i> - 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 digital video format created by DivX, Inc. This player can play DivX videos recorded on DVDs, CDs, or USB storage devices.

Keeping the same terminology as DVD-Video, individual DivX video files are called "Titles".

DivX video compatibility

- Plays DivX[®] video¹
- 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.*

Note

¹ Playback of .avi video files larger than 4 GB is not possible.

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 39) to match the subtitle file.¹

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), 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® is registered trademarks of DivX, Inc. and is 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.

Note

¹ • 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.

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 benzine, 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. In this instance, the following message appears on-screen:

**Incompatible disc region number
Can't play disc**

Discs marked **ALL** play in any player.

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 **-OFF-** 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 40) 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 38) 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 **-OFF-** 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.

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.
- For audio-related problems, please also check the settings of the audio playback device. See the operating instructions for the device for detailed information.

General

Problem	Remedy
The power does not turn on, or switches off suddenly (an error message may be displayed at startup).	• 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.	• If you're using the line input, make sure the component is connected correctly (see <i>Connecting auxiliary components</i> on page 42). • No audio is output from the speakers connected to this unit if HDMI audio mode is set to TV (page 44). • Press MUTE on the remote control to turn muting off. • Turn up the volume.
No sound from surround or center speakers.	• Refer to <i>Channel level setting</i> (CH LEVEL) on page 34 to check the speaker levels. • Check that you haven't selected the STEREO or A.L.C mode (see <i>Listening to your system</i> on page 22). • Connect the speakers properly (see <i>Basic connections</i> on page 11). • If the source is 96 kHz, it will be played in stereo. • Confirm audio output settings for the external component connected by optical digital cable.
Can't operate the remote control.	• Replace the batteries (see <i>Putting the batteries in the remote control</i> on page 16). • Operate within 7 m, 30° of the remote sensor (see <i>Using the remote control</i> on page 16). • Remove any obstacles or operate from another position. • Avoid exposing the remote sensor on the front panel to direct light.
TRAYLOCK shows in the display and the tray can't be ejected.	• Press and hold ▲ OPEN/CLOSE on the front panel for about eight seconds. Then the tray can be opened/closed using ▲ OPEN/CLOSE.
DDID or DTS does not light when playing Dolby/DTS software. * DCS-FS30 only	• If Dolby Digital Out settings is set to PCM, speaker audio output are converted to PCM. Make sure that the player is set to Dolby Digital or DTS (see <i>Digital Audio Out settings</i> on page 38).

DVD/CD/Video CD player

Problem	Remedy
The disc is ejected automatically after loading.	• 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 54). In this instance, the following message 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.	• If the disc is loaded upside down, reload the disc with label side face up.
Picture playback stops and buttons cannot be used.	• 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.	• When the power is cut, settings will be canceled.
No picture/No color.	• 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.
Screen is stretched or aspect doesn't change.	• 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 38).
When recorded on a VCR or passed through an AV selector, there is disturbance in the playback picture.	• 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.	• 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.	• DVDs and CDs use different recording methods. This is not a malfunction.
CD-ROM disc is not recognized.	• Make sure that the CD-ROM was recorded using the ISO 9660 disc format. See <i>Disc compatibility table</i> on page 51 for more on disc compatibility.
DVD-ROM disc is not recognized.	• Make sure that the DVD-ROM was recorded using the UDF bridge format. See <i>Disc compatibility table</i> on page 51 for more on disc compatibility.
Files don't show up in the Disc Navigator/Photo Browser.	• 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 51.
Can't play WMA or MPEG-4 AAC files.	• The files were recorded using DRM (digital rights management). This is not a malfunction.
Can't play WMV files.	• 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.	• Connect the AM antenna (refer to <i>Basic connections</i> on page 11) 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 45). • 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 45). • Turn off other equipment that may be causing the noise or move it further away.
Auto tuning does not pick up some stations.	• 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.	• 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.	• 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.	• The files were recorded using DRM (digital rights management). This is not a malfunction.

HDMI connection

Problem	Remedy
No HDMI video output.	• 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 38 to change the HDMI resolution. • If the screen goes blank after changing the resolution, it means the resolution you selected is incompatible with your monitor. See <i>Resetting the HDMI connection</i> on page 44 to reset to the factory defaults.
Color problems occur with your monitor after changing the HDMI Color setting (page 39).	• 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.
No picture or sound.	• If the problem still persists when connecting your HDMI component directly to your monitor, please consult the component or monitor manual or contact the manufacturer for support.
No HDMI audio output	• See <i>Switching the HDMI audio setting</i> on page 44 to make sure that TV is selected.

Problem	Remedy
KURO LINK does not function.	• Verify that the HDMI cable is firmly connected. • Make sure that this unit's KURO LINK mode is set to LINK ON (page 48). • Check whether the connected component supports KURO LINK or not. For more information refer to the operating manual of your flat screen TV. • KURO LINK may not work properly if a SCART cable and an HDMI cable are connected simultaneously. Set KURO LINK mode to LINK OFF when connecting SCART and HDMI cables simultaneously.
Your TV automatically change inputs.	• The connected TV automatically may change inputs in response to this unit starting playback DVD or having the GUI screen (ex. Disc Navigator) displayed, etc. If you do not want your TV to change inputs in this way, set this unit KURO LINK mode to LINK OFF (page 48).

Bluetooth connection

Problem	Remedy
The <i>Bluetooth</i> wireless technology device cannot be connected or operated. Sound from the <i>Bluetooth</i> wireless technology device is not emitted or the sound is interrupted.	• Check that no object that emits electromagnetic waves in the 2.4 GHz band (microwave oven, wireless LAN device or <i>Bluetooth</i> wireless technology apparatus) is near the unit. If such an object is near the unit, set the unit far from it. Or, stop using the object emitting the electromagnetic waves. • Check that the <i>Bluetooth</i> wireless technology device is not too far from the unit and that obstructions are not set between the <i>Bluetooth</i> wireless technology device and the unit. Set the <i>Bluetooth</i> wireless technology device and the unit so that the distance between them is less than about 10 m and no obstructions exist between them. • Check that the <i>Bluetooth</i> ADAPTER and the ADAPTER PORT of the unit are correctly connected. • The <i>Bluetooth</i> wireless technology device may not be set to the communication mode supporting the <i>Bluetooth</i> wireless technology. Check the setting of the <i>Bluetooth</i> wireless technology device. • Check that pairing is correct. The pairing setting was deleted from this unit or the <i>Bluetooth</i> wireless technology device. Reset the pairing. • Check that the profile is correct. Use a <i>Bluetooth</i> wireless technology device that supports A2DP profile and AVRCP profile.

Error Messages

Message	Description
2CH ONLY	• An operation is prohibited because it is only applicable to 2 channel sources, while the current source is a multichannel source.
96K	• An operation is prohibited because the source is 96 kHz digital.
LINE OUT	• An operation is prohibited because the Line Out mode is LT/RT (page 43).
NOISY	• Background noise is too high to complete MCACC setup successfully.
ERR MIC	• An error occurred during MCACC setup because the microphone is not connected or is not connected properly.
ERR SP	• An error occurred during MCACC setup because the speakers are not connected or are not connected properly.
MUTING	• An operation is prohibited because the sound is muted (press MUTE).

Message	Description
OC ERR 1 OC ERR 2	Check whether the speaker cables are short-circuited. If the error message continues to be displayed, contact your Pioneer authorized service center or your dealer for servicing.
OVER TEMP	Try lowering the volume. If this problem is not fixed by removing and inserting the power cable, this unit may be damaged. In such an event, please contact a Pioneer-authorized service center or your nearest dealer.
BT ERR	Power consumption by <i>Bluetooth</i> ADAPTER is too high to supply the power. Reconnect the <i>Bluetooth</i> ADAPTER.
TV AUDIO	Indicator is lit for two seconds if the listening mode is changed while HDMI audio mode is set for TV.
CANNOT	- Operation is prohibited because DVD/CD or USB isn't selected. - Appears when DVD/CD is not selected and SHIFT+USB REC is pressed.
TRAYLOCK	The tray lock is on. See <i>General</i> in <i>Troubleshooting</i> on page 56.
KEYLOCK	The key lock is enabled. See <i>Setting the sleep timer</i> on page 50.
PHONESIN	An operation is prohibited because the headphones are connected.
HDMI ERR	See <i>HDMI connection</i> above for troubleshooting tips. See also <i>Resetting the HDMI connection</i> on page 44 if the problem persists.
USB ERR	See <i>Important</i> in <i>Using the USB interface</i> on page 32 for more on this.
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.

Resetting the system

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

1 With the system on, press SHIFT+SETUP.

2 Use ◀/▶ to select INITIAL then press ENTER.

3 Use ◀/▶ to select ALL INIT then press ENTER.

- INIT OK is displayed.

4 Press ENTER while INIT OK is blinking.¹

Using the language code list

Some of the language options (see *Language settings* on page 39) 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 ◀/▶ to select either a code letter or a code number.

3 Use ↑/↓ to select a code letter or a code number.

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

Note

¹ Do not operate the unit without reason or pull the power cord because the system's power automatically turns on.

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 (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

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:

For XV-DV585/590

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)

For XV-DV30FS

Front. 100 W per channel
(1 kHz, 10 % T.H.D., 4 Ω)

Subwoofer 100 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

• FM tuner section

Frequency range. 87.5 MHz to 108 MHz

Antenna. 75 Ω , unbalanced

• AM tuner section

Frequency range. 531 kHz to 1602 kHz

Antenna. Loop antenna

• Miscellaneous

Power requirements

. AC 220 V to 240 V, 50 Hz/60 Hz

Power consumption:

For XV-DV585/590 55 W

For XV-DV30FS 70 W

Power consumption in standby:

KURO LINK ON 0.73 W

KURO LINK OFF. 0.48 W

Dimensions

. 420 mm (W) x 62 mm (H) x 331 mm (D)

Weight:

For XV-DV585/590 2.8 kg

For XV-DV30FS 2.9 kg

• Accessories (DVD/CD receiver)

Remote control 1

AA/R6 dry cell batteries 2
(to confirm system operation)

Video cable (yellow plugs) 1

AM loop antenna 1

FM antenna 1

Microphone (for Auto MCACC setup)¹ 1

Power cord 1

Warranty card 1

Setup Guide

Operating instructions (This document)

S-DV585 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 100 W

Dimensions

. 96 mm (W) x 96 mm (H) x 96 mm (D)

Weight 0.5 kg

• Center speaker

Enclosure Closed-box bookshelf type
(magnetically shielded)

System 6.6 cm 1-way system

Speakers. 6.6 cm cone type

Impedance 8 Ω

Frequency range 82 Hz to 20 kHz

Maximum input power 50 W

Dimensions

. 96 mm (W) x 96 mm (H) x 96 mm (D)

Weight 0.5 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 kHz

Maximum Input Power 100 W

Dimensions

. 230 mm (W) x 380 mm (H) x 360 mm (D)

Weight 5.4 kg

• Accessories

Speaker cables. 5

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-DV595T Speaker system

• Front/surround 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 100 W

Dimensions

. 260 mm (W) x 1097 mm (H) x 260 mm (D)

Weight 3.8 kg

• Center speaker

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 72 Hz to 20 kHz

Maximum input power 100 W

Note

¹ For DCS-585/590 model only.

Additional information

Dimensions

.....220 mm (W) x 90 mm (H) x 100 mm (D)
Weight 0.7 kg

• Accessories

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

S-DV595SW Speaker system

• Subwoofer

Same as **S-DV585** Subwoofer (see above)

• Accessories

Non-skid pads (large) 4

S-DV30FS Speaker system

• Front speakers

Enclosure Closed-box floorstanding type
(magnetically shielded)

System 2-way system

Speakers:

Woofer 5.2 cm cone type x2

Tweeter 2.6 cm semi-dome type

Impedance 4 Ω

Frequency range 200 Hz to 20 kHz

Maximum input power 100 W

Dimensions:

Without speaker stand

..... 77 mm (W) x 395 mm (H) x 55 mm (D)

With speaker stand

..... 150 mm (W) x 414 mm (H)¹ x 150 mm (D)

Weight:

Without speaker stand 1.0 kg

With speaker stand 1.3 kg

• Subwoofer

Same as **S-DV585** Subwoofer (see above)²

• Accessories

Speaker cables 2

Speaker stand bases 2

Poles (with circular nuts) 4

Metal catches (For front side) 4

Metal catches (For rear side) 4

Screws 4

Caps 4

Hexagon nuts 4

Washers 4

Spanner 1

Non-skid pads (large) 4



Note

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

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For DCS-585/590



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For DCS-FS30



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Note

- Max. height by adjusting the speaker stand 567 mm
- The maximum input power of this model is 100 W.

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<http://www.pioneer.fr>

<http://www.pioneer.eu>

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PIONEER CORPORATION

4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654, Japan

PIONEER ELECTRONICS (USA) INC.

P.O. BOX 1540, Long Beach, California 90801-1540, U.S.A. TEL: (800) 421-1404

PIONEER ELECTRONICS OF CANADA, INC.

300 Allstate Parkway, Markham, Ontario L3R 0P2, Canada TEL: 1-877-283-5901, 905-479-4411

PIONEER EUROPE NV

Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium TEL: 03/570.05.11

PIONEER ELECTRONICS ASIACENTRE PTE. LTD.

253 Alexandra Road, #04-01, Singapore 159936 TEL: 65-6472-7555

PIONEER ELECTRONICS AUSTRALIA PTY. LTD.

178-184 Boundary Road, Braeside, Victoria 3195, Australia, TEL: (03) 9586-6300

PIONEER ELECTRONICS DE MEXICO S.A. DE C.V.

Blvd.Manuel Avila Camacho 138 10 piso Col.Lomas de Chapultepec, Mexico,D.F. 11000 TEL: 55-9178-4270

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