

Pioneer

X-HM32VD-K

DVD Receiver System



Discover the benefits of registering your product online at
<http://www.pioneer.co.uk> (or <http://www.pioneer.eu>).

Operating Instructions

Made for



iPod



iPhone



iPad

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.

D3-4-2-1-1_B1_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_A1_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_A1_En

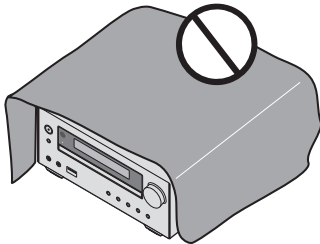
VENTILATION CAUTION

When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 25 cm at top, 10 cm at rear, and 5 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*_A1_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*_A2_En

WARNING

Store small parts out of the reach of children and infants. If accidentally swallowed, contact a doctor immediately.

D41-6-4_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_A1_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 plug 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*_A1_En

CAUTION

This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007.

CLASS 1 LASER PRODUCT

D58-5-2-2a_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*_A1_En

Do not install your speakers overhead on the ceiling or wall. The grill is designed to be detachable, and as such it may fall and cause damage or personal injury if installed overhead.

SGK004_A1_En

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

(Symbol for equipment)



(Symbol examples for batteries)



Pb

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.

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

Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (Microwave ovens and Cordless phones, etc.). In this event noise appears in your television image, there is the possibility this unit (including products supported by this unit) is causing signal interference with the antenna input connector of your television, video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and this unit (including products supported by this unit).

- Pioneer is not responsible for any malfunction of the compatible Pioneer product due to communication error/malfunctions associated with your network connection and/or your connected equipment. Please contact your Internet service provider or network device manufacturer.
- A separate contract with/payment to an Internet service provider is required to use the Internet.

For Norway customers

Utstyr som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av utstyret til kabel-TV nettet installeres en galvanisk isolator mellom utstyret og kabel-TV nettet.

For Sweden customers

Utrustning som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk för brand.

För att undvika detta skall vid anslutning av utrustningen till kabel-TV nät galvanisk isolator finnas mellan utrustningen och kabel-TV nätet.

D3-11-15-5-2_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:

Before you start

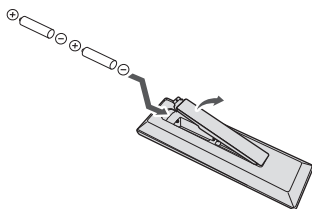
What's in the box

Please confirm that the following accessories are in the box when you open it.

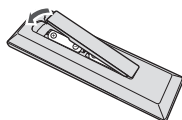
- Remote control
- Power cord
- Video cable (1.5 m)
- DAB/FM wire antenna
- AAA batteries (R03) x 2
- Speaker wire x 2
- iPhone/iPad stand
- Warranty card
- Operating instructions (this document)

Loading the batteries in the remote control

1 Open the rear lid and load the batteries as illustrated below.



2 Close the rear lid.



⚠ CAUTION

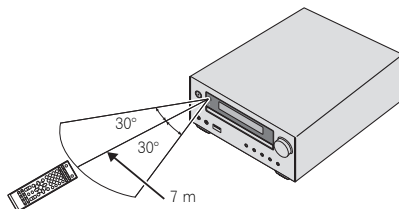
- When inserting the batteries, make sure not to damage the springs on the battery's $\ominus$ terminals. This can cause batteries to leak or over heat.
- Do not use any batteries other than the ones specified. Also, do not use a new battery together with an old one.
- When loading the batteries into the remote control, set them in the proper direction, as indicated by the polarity marks ($\oplus$ and $\ominus$).

- Do not heat batteries, disassemble them, or throw them into flames or water.
- Batteries may have different voltages, even if they are the same size and shape. Do not use different types of batteries together.
- To prevent leakage of battery fluid, remove the batteries if you do not plan to use the remote control for a long period of time (1 month or more). If the fluid should leak, wipe it carefully off the inside of the case, then insert new batteries. If a battery should leak and the fluid should get on your skin, flush it off with large quantities of water.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.
- **WARNING**

Do not use or store batteries in direct sunlight or other excessively hot place, 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 has a range of about 7 m at an angle of about 30° from the remote sensor.



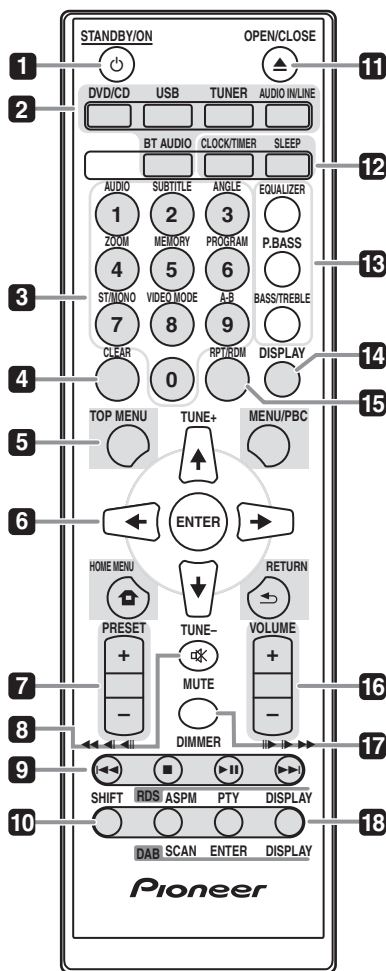
Keep in mind the following when using the remote control:

- Make sure that there are no obstacles between the remote and the remote sensor on the unit.
- Remote operation may become unreliable if strong sunlight or fluorescent light is shining on the unit's remote sensor.
- Remote controllers for different devices can interfere with each other. Avoid using remotes for other equipment located close to this unit.
- Replace the batteries when you notice a fall off in the operating range of the remote.

Chapter 2:

Part names and functions

Remote control



1 STANDBY/ON

Switches the receiver between standby and on (page 16).

2 Input function buttons

Use to select the input source to this receiver (pages 20, 21, 27, 29, 34 and 35).

BT AUDIO

Use to set up or play the audio file using the Bluetooth network (pages 33).

3 Numeric buttons (0 to 9)

Use to enter the number (page 22).

AUDIO*

For discs or files including multiple audio streams/channels, the audio stream/channel can be switched during playback. For files stored in iPod/iPhone/iPad, this button is not available.

SUBTITLE*

On DVD-Video or DivX discs containing subtitles in multiple languages, the subtitle can be switched during playback. For files stored in iPod/iPhone/iPad, this button is not available.

ANGLE*

On DVD-Video discs containing multiple angles, the angle can be switched during playback.

ZOOM*

Zooming on the image. For images stored in iPod/iPhone/iPad, this button is not available.

MEMORY*

Use to memory the radio station (page 29).

PROGRAM*

Use to program the DVD-Video, MP3/WMA disc or USB mass storage device (page 24).

ST/MONO*

Use to switch the sound mode between stereo and monaural (page 29).

VIDEO MODE*

Use to change the output resolution (HDMI only) (page 39).

A-B*

The specified section within a single title or track is played repeatedly.

4 CLEAR

Press to clear the selected item.

Use this for example if you use to clear the programmed play (page 24).

5 DVD Receiver control buttons TOP MENU

Press to display the top menu of the DVD-Video.

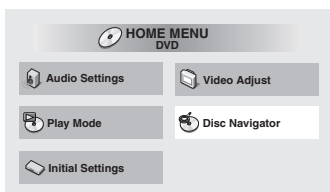
MENU/PBC

Use to access the DVD menu or VCD PBC menu.

HOME MENU

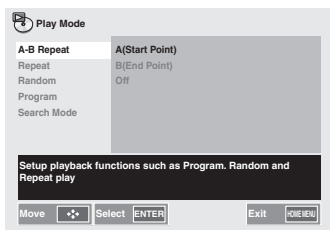
Press to display the menu screen.

Use this to change initial settings of the unit (page 38).



- **Audio Settings** (page 38)
- **Video Adjust** (page 38)
- **Play Mode**

The **Play Mode** function may not work for some discs or files. For files stored on iPod/iPhone/iPad, this function is not available.



A-B Repeat (page 22)

The specified section within a single title or track is played repeatedly.

Repeat (page 23)

Plays titles, chapters, tracks or files repeatedly.

Random (page 23)

Plays titles, chapters or tracks in random order.

Program (page 24)

Plays titles, chapters, tracks or files in the order in which you program them.

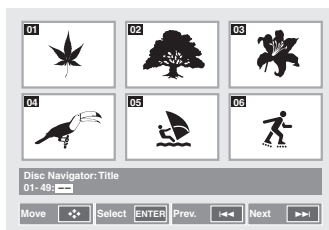
Search Mode (page 25)

Plays the specified number or time within the title, chapter, track or file.

- **Disc Navigator**

Select and plays title, chapter, track or file from the **Disc Navigator**.

Ex.: DVD-Video Disc Navigator



- **Initial Settings** (page 38)

RETURN

Press to return to the previous screen. Also, use to cancel the clock setting or the sound setting.

6 ↑/↓/←/→ (TUNE +/-), ENTER

Use to select/switch system settings and modes, and to confirm actions.

Use **TUNE +/-** can be used to find radio frequencies (page 29).

7 PRESET +/-

Use to select preset radio stations (page 30).

8 MUTE

Mutes/unmutes the sound (page 16).

9 Playback control buttons

Use to control each function after you have selected it using the input function buttons (page 21).



Press to start playback.



Press to stop playback.



- Press to return to the beginning of the currently playing track or file. Press twice to move back to the beginning of the previous track or file.
- Press and hold during playback to fast-reverse.
- Press in the pause mode to move backward frame-by-frame. (DVD-Video only)
- Press and hold in the pause mode for slow play in the reverse direction. (DVD-Video only)



- Press during playback to skip ahead to the beginning of the next track or file.
- Press and hold during playback to fast-forward.
- Press in the pause mode to move forward frame-by-frame. (DVD-Video, Video CD or DivX files only)
- Press and hold in the pause mode for slow play in the forward direction. (DVD-Video, Video CD or DivX files only)

10 SHIFT

Press to access the 'blue' commands (above the buttons) on the remote. These buttons are marked with an asterisk (*) in this section.

11 OPEN/CLOSE

Use to open or close the disc tray (page 21).

12 DVD Receiver control buttons CLOCK/TIMER

Use for setting the clock, as well as for setting and checking the timers (page 16).

SLEEP

See *Using the sleep timer* on page 18.

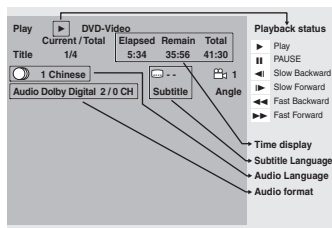
13 Sound control buttons

Adjust the sound quality (page 17).

14 DISPLAY

Press to change the display for DVD-Video, Video CD, CD or MP3.

Ex.: DVD-Video DISPLAY



15 RPT/RDM

Press to change the repeat play or randomize order play setting from a DVD-Video, Video CD, CD or iPod (page 22).

16 Volume control buttons

Use to set the listening volume (page 16).

17 DIMMER

Dims or brightens the display. The brightness can be controlled in four steps (page 32).

18 Tuner control buttons

RDS ASPM

Use to search for RDS Auto station program memory (page 30).

RDS PTY

Use to search for RDS program types (page 30).

RDS DISPLAY

Press to change the RDS display for information mode (page 30).

DAB SCAN

Use to scan for DAB radio station (page 32).

DAB ENTER

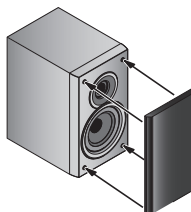
Use to confirm the DAB radio station (page 32).

DAB DISPLAY

Press to change the DAB display for information mode (page 33).

Detaching and replacing the front grille

The front grille of this speaker system is removable. Proceed as follows:

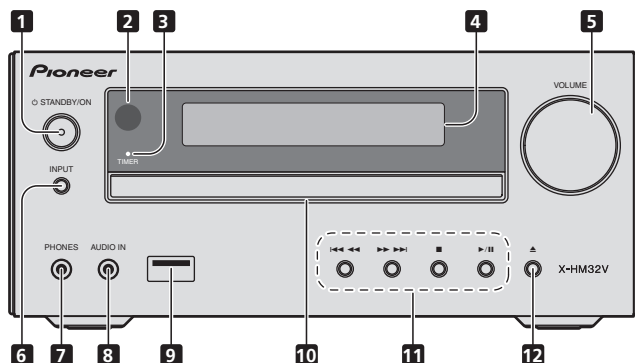


1 Grab the bottom of the grille, and gently pull it toward you to remove the bottom portion.

2 Next, grab the top part of the grille and gently pull it toward you to remove the top portion.

3 To install the grille, align the projections on the speaker with the receptacles on the top and at the base of the grille and push them into place.

Front panel



1 STANDBY/ON button

Switches the receiver between standby and on (page 16).

2 Remote sensor

Receives the signals from the remote control.

3 TIMER indicator

Lights when the unit power is off but when the timer setting is activated.

4 Character display

See *Display* on page 11.

5 Volume control

Use to set the listening volume (page 16).

6 INPUT button

Selects the input source.

Long press to change to **BT STANDBY** mode.

7 Headphone socket

Use to connect headphones. When the headphones are connected, there is no sound output from the speakers (page 18).

8 AUDIO IN socket

Use to connect an auxiliary component using a stereo minijack cable (page 34).

9 USB terminal

Use to connect your USB mass storage device or Apple iPod/iPhone/iPad as an audio source (pages 20 and 27).

10 Disc tray

Place the disc, label side up (page 21).

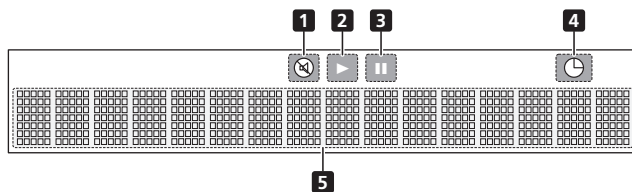
11 Playback control buttons

Select the desired track or file to be played back. Stop current playback. Stop playback or resume playback from the point where it was paused.

12 Disc tray open/close button

Use to open or close the disc tray (page 21).

Display



1 

Lights when the sound is muted.

Note

- The mute icon will be displayed in red.

2 

Start playback.

3 

Pause playback.

4 

Timer function is set.

5 Character display

Displays various system information.

Chapter 3:

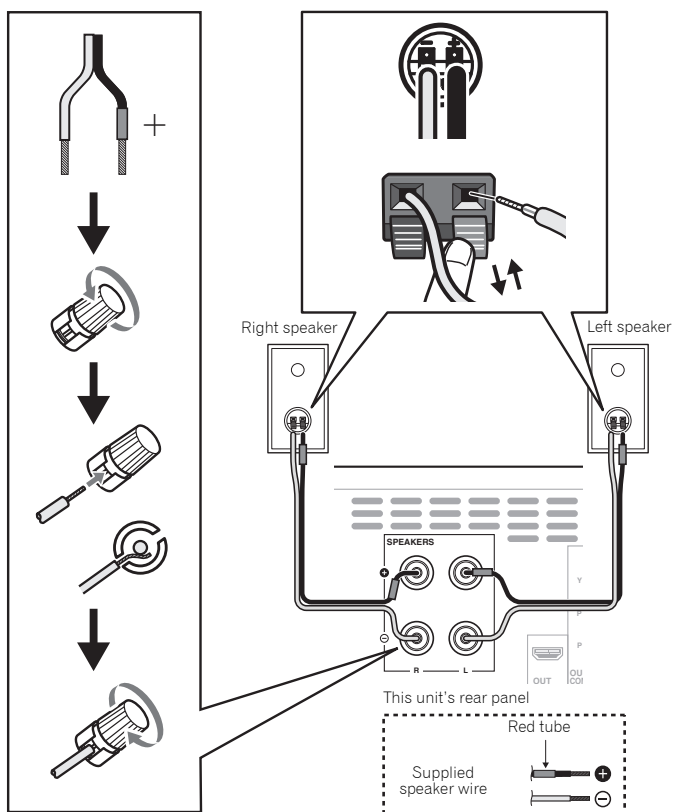
Connections

⚠ CAUTION

- Be sure to turn off the power and unplug the power cord from the power outlet whenever making or changing connections.
- Connect the power cord after all the connections between devices have been completed.

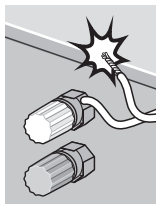
Speaker connection

- The provided speaker wire with the red tube is for the (+) terminal. Connect the wire with red tube the (+) terminal, and other wire to the (–) terminal.



CAUTION

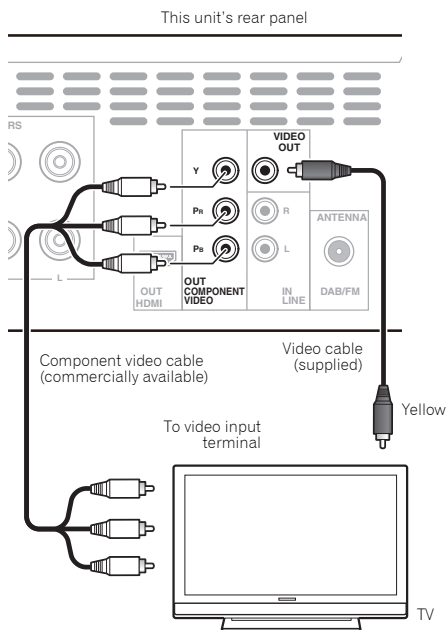
- These speaker terminals carry **HAZARDOUS LIVE voltage**. To prevent the risk of electric shock when connecting or disconnecting the speaker cables, disconnect the power cord before touching any uninsulated parts.
- Do not connect any speakers other than those supplied to this system.
- Do not connect 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.
- Do not attach these speakers to the wall or ceiling. They may fall off and cause injury.
- These speakers are magnetically shielded. However, depending on the installation location, color distortion may occur if the speaker system is installed extremely close to the screen of a television set. If this happens, turn off the television set, and then turn it on after 15 to 30 minutes. If the problem persists, move the speaker system away from the television set.
- Make sure that the speaker cable cores do not become exposed and make contact with other cable cores. This may cause malfunction of the product.
- Do not allow the speaker cable core to come into contact with the receiver body.



- If the speaker cable core comes into contact with any metal portion of the receiver's body, it may damage the speakers and cause smoke and fire. Insert speaker cables securely into the terminals and check that the cable does not come out of easily.

Note

- There is no difference between L and R speakers.



Connecting using an HDMI cable

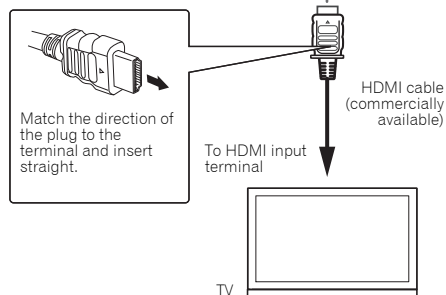
By using an HDMI cable, digital signals can be transferred to an HDMI-compatible TV on a single cable with no loss of picture or sound quality. After connecting, make this unit's resolution and HDMI color settings according to the HDMI-compatible TV. Also refer to the operating instructions with the HDMI-compatible TV.

Note

- When playing a disc or USB storage device content, this unit can transfer digital signals by the **HDMI OUT** terminal. Use the video cable for playing other content.
- This unit's interface is designed based on the High-Definition Multimedia Interface specification.
- When an HDMI-compatible device is connected, the resolution is displayed on the front panel display.
- The resolution of the video signals output from this unit's **HDMI OUT** terminal is changed manually. Change the **HDMI Resolution** setting (page 39).

- # ומה

This unit's rear panel

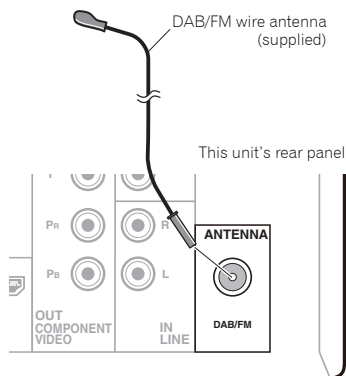


- 44.1 kHz to 96 kHz, 16-bit/ 20-bit/ 24-bit 2-channel linear PCM audio (including 2-channel downmixing)
- Dolby Digital 5.1-channel audio
- MPEG audio



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

Connect the DAB/FM antenna plug onto the center pin of the DAB/FM antenna socket.



 Note

- To ensure optimum reception, make sure the DAB/FM antenna is fully extended and not coiled or hanging at the rear of the unit.

To customers in Norway and Sweden

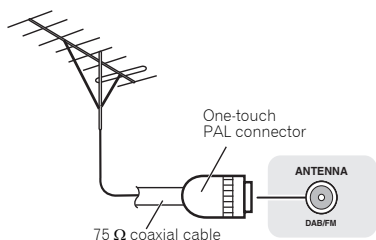
⚠ CAUTION

- "Apparater som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr - og er tilkoplet et koaksialbasert kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av apparater til kabel-TV nett installeres en galvanisk isolator mellom apparatet og kabel-TV nettet."
- "Apparater som er kopplade till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk för brand. För att undvika detta skall vid anslutning av apparaten till kabel-TV nät galvanisk isolator finnas mellan apparaten och kabel-TV nätet."

Using external antennas

To improve DAB/FM reception

Use a PAL connector (not supplied) to connect an external DAB/FM antenna.



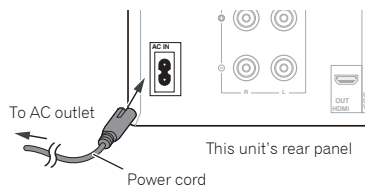
Plugging in

⚠ CAUTION

- Do not use any power cord other than the one supplied with this unit.
- Do not use the supplied power cord for any purpose other than that described below.

Before making or changing the connections, switch off the power and disconnect the power cord from the AC outlet.

After you've finished making all connections, plug the unit into an AC outlet.



Chapter 4:

Getting started

To turn the power on

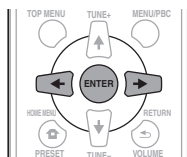
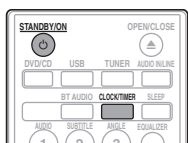
Press the **STANDBY/ON** to turn the power on.

After use:

Press the **STANDBY/ON** to enter the power stand-by mode.

**Note**

- In standby mode, if iPod/iPhone/iPad is connected, the unit turns charge mode.

Setting the clock

- Press **STANDBY/ON** to turn the power on.
- Press **CLOCK/TIMER** on the remote control. "CLOCK" is shown on the main display.
- Press **ENTER**.
- Press **←/→** to set the day, then press **ENTER**.
- Press **←/→** to set the hour, then press **ENTER**.
- Press **←/→** to set the minute, then press **ENTER** to confirm.
- Press **ENTER**

To confirm the time display:

Press the **CLOCK/TIMER**. The time display will appear for about 10 seconds.

To readjust the clock:

Perform "Setting the clock" from step 1.

**Note**

- When power supply is restored after unit is plugged in again or after a power failure, reset the clock.

General control**Input function**

When the **INPUT** on main unit is pressed, the current function will change to different mode. Press the **INPUT** repeatedly to select desired function.

**Display brightness control**

Press **DIMMER** to dims the display brightness. The brightness can be controlled in four steps.

Volume auto set-in

If you turn off and on the main unit with the volume set to 31 or higher, the volume starts at 30.

Volume control

Turn the volume knob towards **VOLUME** (on main unit) or press **VOLUME +/-** (on remote control) to increase or decrease the volume.

CAUTION

- The sound level at a given volume setting depends on speaker efficiency, location, and various other factors. It is advisable to avoid exposure to high volume levels. Do not turn the volume on to full at switch on. Listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.

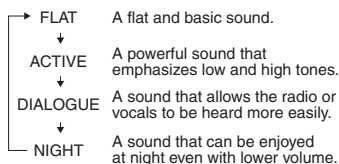
Muting

The volume is muted temporarily when pressing the **MUTE** on the remote control. Press again to restore the volume.

Sound controls

Equalizer

When the **EQUALIZER** is pressed, the current mode setting will be displayed. To change to a different mode, press the **EQUALIZER** repeatedly until the desired sound mode appears.



P.BASS control

Each time the **P.BASS** button on the remote control is pressed, the bass frequency mode will change.

Note

- **P.BASS** control is initially set to **ON**.

Bass/treble control

Press the **BASS/TREBLE**, then press **↑/↓/←/→** to adjust the bass or treble.

Note

- The **EQUALIZER** and **P.BASS** cannot operate simultaneously. The most recently selected of these two functions will be the one used.
- **BASS/TREBLE** can operate alongside either the **EQUALIZER** or **P.BASS**.

When one of the above two functions is selected, the function that is not selected will be displayed as follows.

- 1 When **P.BASS** setting (**ON/OFF**) is changed
 - **EQUALIZER** : **FLAT**
- 2 When **EQUALIZER** setting is changed
 - **P.BASS** : **OFF**

Setting the wake-up timer

Used to change the existing timer setting, or to set a new timer.

- 1 Press **⏻** **STANDBY/ON** to turn the power on.
- 2 Press and hold **CLOCK/TIMER**.
- 3 Press **←/→** to select "**ONCE**" or "**DAILY**", then press **ENTER**.
 - ONCE** – Works once only at a preset time.
 - DAILY** – Works at the preset time on a preset day.
- 4 Press **←/→** to select "**TIMER SET**", then press **ENTER**.
- 5 Press **←/→** to select the timer playback source, then press **ENTER**.
 - **DVD/CD, DAB, FM, USB/iPod, AUDIO IN, BT AUDIO** and **LINE** can be selected as the playback source.
- 6 Press **←/→** to select the timer day, then press **ENTER**.
- 7 Press **←/→** to set the hour, then press **ENTER**.
- 8 Press **←/→** to set the minute, then press **ENTER**.
 - Set the time to finish as in steps 7 and 8 above.
- 9 Adjust the volume press **VOLUME +/-**, then press **ENTER**.
- 10 Press **⏻** **STANDBY/ON** to enter the power standby mode.
 - The **TIMER** indicator lights up.

Calling the wake-up timer

An existing timer setting can be reused.

- 1 Follow steps 1 to 3 in "Setting the wake-up timer".
- 2 Press **←/→** to select "TIMER ON", then press **ENTER**.

Cancelling the wake-up timer

Turn off the timer setting.

- 1 Follow steps 1 to 3 in "Setting the wake-up timer".
- 2 Press **←/→** to select "TIMER OFF", then press **ENTER**.

Using the wake-up timer

- 1 Press **⏻** STANDBY/ON to turn the power off.
- 2 At the wake-up time, this unit will turn on automatically and play the selected input function.



Note

- If at the wake-up time iPod/iPhone/iPad is not connected to this unit or a disc is not inserted, this unit will be turned to on and not play back the track.
- Some discs may not be played automatically at the wake-up time.
- When setting the timer set at least one minute between the start and end time.

Using the sleep timer

The sleep timer switches off the unit after a specified time so you can fall asleep without worrying about it.

- 1 Press **SLEEP** repeatedly to select a switch off time.

Choose between 10 min, 20 min, 30 min, 60 min, 90 min, 120 min, 150 min, 180 min or OFF. The newly set value displays for 5 seconds, and then the setting is completed.

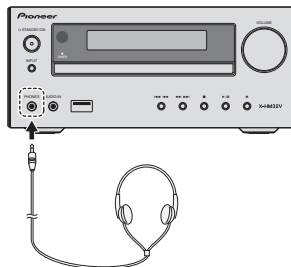


Note

- The sleep timer can be set by pressing **SLEEP** while the remaining time is displayed.

Using Headphones

Connect the headphones plug to the **PHONES** terminal. When the headphones are connected, there is no sound output from the speakers.



- Do not turn the volume on to full at switch on and listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.
- Before plugging in or unplugging the headphone, reduce the volume.
- Be sure your headphone has a 3.5 mm diameter plug and impedance between 16 Ω and 50 Ω . The recommended impedance is 32 Ω .
- Audio from the iPod/iPhone/iPad cannot be heard via the headphones connected to the unit. "HP MUTE" will be displayed if you connect the headphones when the iPod/iPhone/iPad function is selected.

Chapter 5:

iPod/iPhone/iPad playback

Merely by connecting your iPod/iPhone/iPad to this unit, you can enjoy high-quality sound from your iPod/iPhone/iPad. This unit can not transfer music, movies and images from an iPod/iPhone/iPad via the **HDMI OUT** and **COMPONENT VIDEO** terminal. Playback setting for iPod/iPhone/iPad music and images can be performed from this unit or the iPod/iPhone/iPad itself.

Confirming what iPod/iPhone/iPad models are supported

The iPod/iPhone/iPad playable on this unit are shown below.

iPod/iPhone/iPad	USB Terminal (Audio only)
iPod nano (3/4/5/6/7G)	✓
iPod touch (1/2/3/4/5G)	✓
iPhone 5	✓
iPhone 5s	✓
iPhone 5c	✓
iPhone 4s	✓
iPhone 4	✓
iPhone 3GS	✓
iPhone 3G	✓
iPhone	✓
iPad mini	✓
iPad Air	✓
iPad mini with Retina display	✓
iPad (3/4G)	✓
iPad/iPad 2	✓

 Note

- Pioneer does not guarantee that this unit plays iPod/iPhone/iPad models other than the ones specified.
- Some functions may be restricted depending on the model or software version.
- iPod/iPhone/iPad is licensed for reproduction of non-copyrighted materials or materials the user is legally permitted to reproduce.
- Features such as the equalizer cannot be controlled using this system, and we recommend switching the equalizer off before connecting.
- Pioneer cannot under any circumstances accept responsibility for any direct or indirect loss arising from any inconvenience or loss of recorded material resulting from iPod/iPhone/iPad failure.

- For detailed instructions on using the iPod/iPhone/iPad, please refer to the manual supplied with the iPod/iPhone/iPad.
- This system has been developed and tested for the software version of iPod/iPhone/iPad indicated on the website of Pioneer (<http://pioneer.jp/homeav/support/ios/eu/>).
- Installing software versions other than indicated on the website of Pioneer to your iPod/iPhone/iPad may result in incompatibility with this system.
- This unit cannot be used to record CD, tuner or other content on an iPod/iPhone/iPad.

Connecting your iPod/iPhone/iPad

 CAUTION

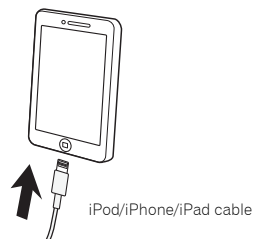
- When connecting iPod/iPhone/iPad devices, use the iPod/iPhone/iPad cable provided with iPod/iPhone/iPad devices, or a commercially available iPod/iPhone/iPad cable designed to support iPod/iPhone/iPad.
- An iPod/iPhone/iPad cable is not supplied with this unit.

 Important

- If you are mounting the protective cover of a commercially available iPod/iPhone/iPad, you may not be able to connect iPod/iPhone/iPad to this unit.

Connecting iPod/iPhone/iPad using supplied stand

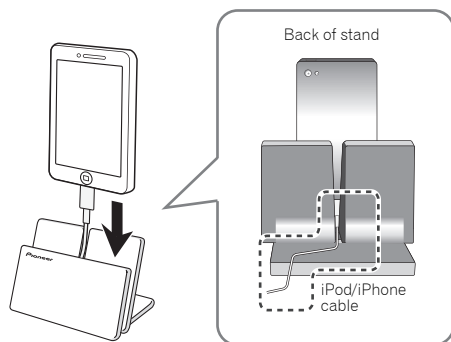
- 1 Connect the unit to an iPod/iPhone/iPad with a iPod/iPhone/iPad cable.



2 Set up to stand the iPod/iPhone/iPad.

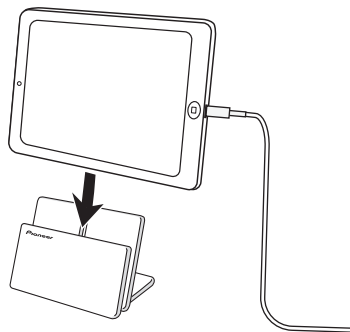
When using an iPod/iPhone

Make sure the iPod/iPhone cable is aligned along the groove for it on the back of the stand that comes with the unit.



When using an iPad

Make sure to place the iPad in a horizontal direction on the stand.



⚠ CAUTION

- When your iPod/iPhone/iPad is connected to this unit and you wish to operate the iPod/iPhone/iPad directly, be sure to steady the iPod/iPhone/iPad with the other hand to prevent malfunctions due to faulty contacts.

✎ Note

- For detailed instructions on using the iPod/iPhone/iPad, please refer to the manual supplied with the iPod/iPhone/iPad.
- iPod/iPhone/iPad recharging occurs whenever an iPod/iPhone/iPad is connected to this unit. (This function is supported in standby mode as well.)
- When input is switched from USB/iPod to another function, iPod/iPhone/iPad playback is temporarily stopped.
- When iPod/iPhone/iPad is not playing and no operations have been performed for more than 20 minutes, the unit will automatically power off. In this case it is required that the Auto power off is switched to **ON**.
- Auto power off can be switched to **ON/OFF** (page 47).

🔍 Important

If this unit cannot play your iPod/iPhone/iPad, perform the following troubleshooting checks:

- Check whether the iPod/iPhone/iPad is supported by this unit.
- Reconnect the iPod/iPhone/iPad to the unit. If this doesn't seem to work, try resetting your iPod/iPhone/iPad.
- Check the iPod/iPhone/iPad software is supported by this unit.

If the iPod/iPhone/iPad cannot be operated, check the following items:

- Is the iPod/iPhone/iPad connected correctly? Reconnect the iPod/iPhone/iPad to the unit.
- Is the iPod/iPhone/iPad experiencing a hangup? Try resetting the iPod/iPhone/iPad, and reconnect it to the unit.

Playing iPod/iPhone/iPad

1 Connect your iPod/iPhone/iPad.

- If an iPod/iPhone/iPad is connected while the unit is turned on, playback of the iPod/iPhone/iPad will not begin.

2 Press USB as the input source.

"USB/iPod" is shown on the main display.

3 When the recognition is completed, will begin playing automatically.

- The available iPod/iPhone/iPad playback control from the unit are **▶/II**, **◀◀**, **▶▶**.

Chapter 6:

Disc playback

Playing discs or files

1 Press **⏻** STANDBY/ON to turn the power on.

The selected input is displayed on the front panel display.

- When playing discs or files, turn the TV on and switch TV input before starting.
- You can change the screen display language of the unit (*Display settings* on page 39).

2 Press **DVD/CD** on the remote control or **INPUT** repeatedly on the main unit to select DVD/CD input.

Please wait until you see the "NO DISC".

When a disc is already on the disc tray, press **⏻** OPEN/CLOSE to eject the disc.

3 Press **⏻** OPEN/CLOSE to open the disc tray.

4 Place the disc on the disc tray, label side up.

5 Press **⏻** OPEN/CLOSE to close the disc tray.6 Press **▶II** to start playback.

⚠ CAUTION

- Do not place two discs in one disc tray.
- Do not play discs of special shapes (heart, octagon, etc). It may cause malfunctions.
- Do not push the disc tray whilst it is moving.
- If the power fails whilst the tray is open, wait until the power is restored.
- Be sure to place 8 cm disc in the middle of the disc tray.

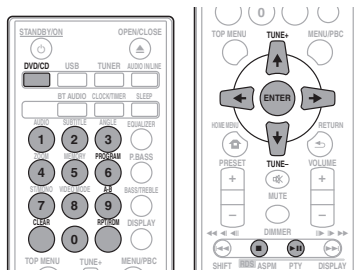
📌 Note

- Due to the structure of the disc information, it takes longer to read the disc has written by many files than a normal CD (approximately 20 to 90 seconds).
- When the beginning of the first track is reached during fast reverse, the unit will enter the playback mode.
- Rewritable multi-session discs with unfinished writing, can still be played.
- If TV or radio interference occurs during DVD/CD operation, move the unit away from the TV or radio.

⚙ Tip

- When no operation has done in DVD/CD mode and the audio file is not played for more than 20 minutes, the power will automatically turn off. In this case it is required that the Auto power off is switched to **ON**.
- Auto power off can be switched to **ON/OFF** (page 47).

Advanced DVD, CD disc playback



Direct track search

By using the number buttons (0 to 9), you can specify and play the title, chapter, track or file you want to view/listen to.

Use the numeric buttons on the remote control to select the desired title, chapter, track or file whilst playing the selected disc.



Note

- The title, chapter, track or file number higher than the number of titles, chapters, tracks or files on the disc cannot be selected.
- During random play, direct track search is not possible.

To stop playback:

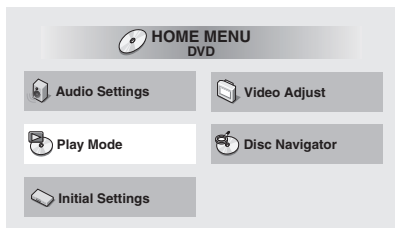
Press ■.

A-B Repeat play

The specified section within a single title or track is played repeatedly.

1 Press HOME MENU.

The HOME MENU is displayed.

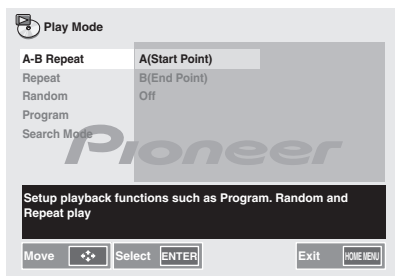


2 Use ↑/↓ to select Play Mode, then press ENTER.

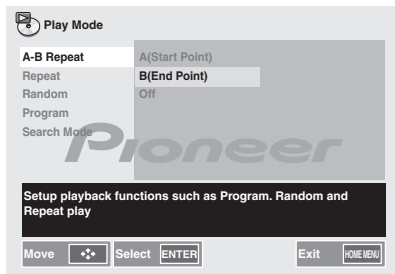
The Play Mode screen is displayed.

3 Use ↑/↓ to select A-B Repeat, then press ENTER or →.

4 Use ↑/↓ to select the A(Start Point).



5 Use ↑/↓ to select the B(End Point).

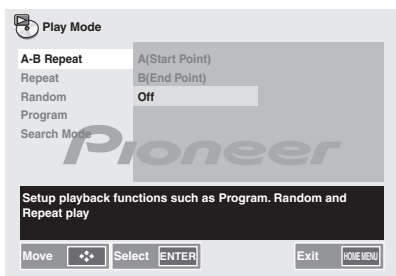


Note

- When A-B repeat playback starts, "A-B repeat" will be displayed on the screen.
- A-B repeat play is disabled on some discs.
- A-B repeat play for DVD is possible only within a title.
- A-B repeat play for CD is possible only within a track.
- Some scenes on DVD may not allow A-B repeat play.

To cancel A-B repeat play:

- Use **↑/↓** to select the Off.

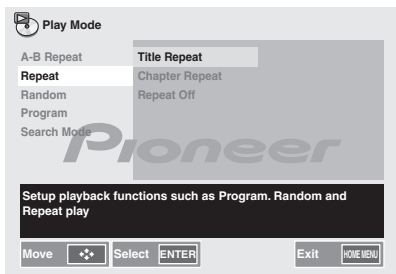


Repeat play

Plays titles, chapters, tracks or files repeatedly.

- Follow steps 1 to 2 in "A-B Repeat play".
- Use **↑/↓** to select Repeat, then press ENTER or **→**.
- Use **↑/↓** to select the Title Repeat.

"REPEAT TITLE" is displayed on the main display.



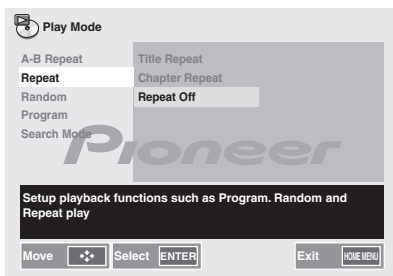
Note

- The display shown is when DVD is played.
- After performing repeat play, be sure to press **■**. Otherwise, the disc will play continuously.
- During repeat play, random play is not possible.

To cancel repeat play:

- Use **↑/↓** to select the Repeat Off.

"REPEAT OFF" is displayed on the main display.

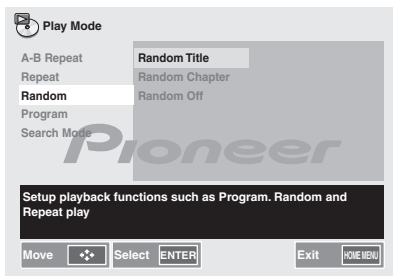


Random play

Plays titles, chapters or tracks in random order.

- Follow steps 1 to 2 in "A-B Repeat play".
- Use **↑/↓** to select Random, then press ENTER or **→**.
- Use **↑/↓** to select the Random Title.

"RANDOM TITLE" is displayed on the main display.



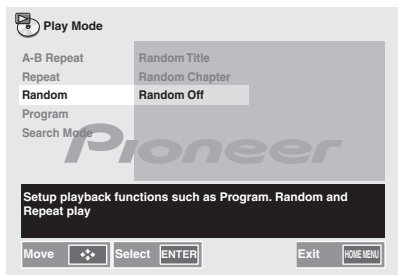
Note

- The display shown is when DVD is played.
- If you press the **▶▶** during random play, you can move to the track selected next by the random operation. On the other hand, the **◀◀** does not allow you to move to the previous track. The beginning of the track being played will be located.
- In random play, the unit will select and play tracks automatically. (You cannot select the order of the tracks.)
- During random play, repeat play is not possible.

To cancel random play:

1 Use $\uparrow/\downarrow$ to select the Random Off.

"RANDOM OFF" is displayed on the main display.



Programmed play

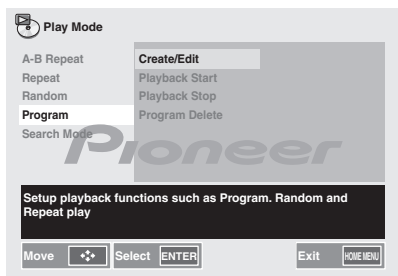
You can choose up to 24 selections for playback in the order you like.

1 Follow steps 1 to 2 in "A-B Repeat play".

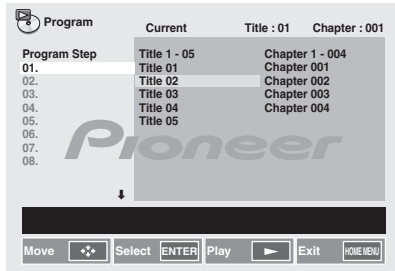
2 Use $\uparrow/\downarrow$ to select Program, then press ENTER or $\rightarrow$.

3 Use $\uparrow/\downarrow$ to select Create/Edit, then press ENTER.

The **Create/Edit** screen differs according to the disc or file.



4 Use $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select the title, chapter, track or file, then press ENTER.



- To add to a program, first select the place in the program (the program step), next select the title, chapter or track, then press **ENTER** (files are added at the end of program).
- Press **RETURN** to return to the previous screen. If you return to the previous screen when inputting it, the settings you have programmed are cleared.
- To delete a step, highlight it and press **CLEAR**.

5 Press $\blacktriangleright$.

Playback will start.

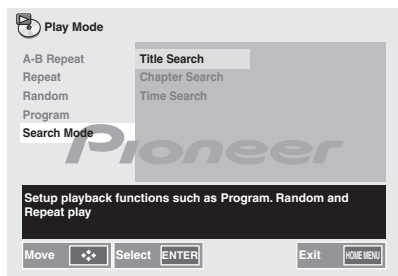
Note

- To play a program that has already been set, select **Playback Start** from the program screen, then press **ENTER**.
- To resume normal playback, select **Playback Stop** from the program screen, then press **ENTER**. The program remains in memory.
- To cancel the entire program, select **Program Delete** from the program screen, then press **ENTER**.
- Programs can be played repeatedly. Select **Program Repeat** from **Repeat** on the **Play Mode** screen during programmed playback.
- Programs cannot be played in random order (random play is not possible during programmed play).

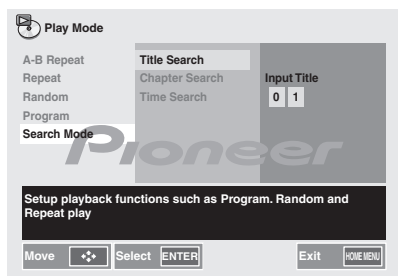
Search mode

Plays the specified number or time within the title, chapter, track or file.

- 1 Follow steps 1 to 2 in "A-B Repeat play".
- 2 Use $\uparrow/\downarrow$ to select Search Mode, then press ENTER.
- 3 Use $\uparrow/\downarrow$ to select Title search, then press ENTER or $\rightarrow$.



- 4 Use the numeric buttons to select Input Title.



About downloading MP3/WMA

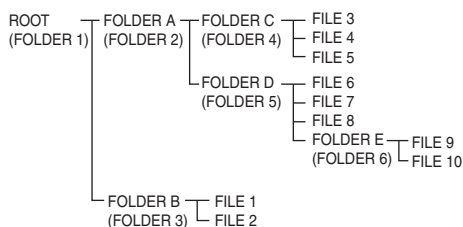
There are many music sites on the internet that you can download MP3/WMA music files. Follow the instructions from the website on how to download the music files. You can then play back these downloaded music files by burning them to a CD/DVD disc.

- Your downloaded song/files are for personal use only. Any other usage of the song without owner's permission, is against the law.

About playback order

Will be played in order from the file that is stored in the upper folder.

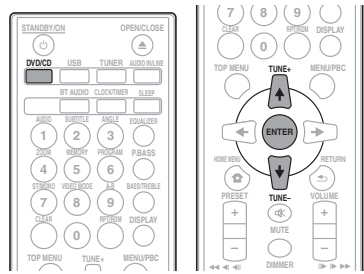
Ex.



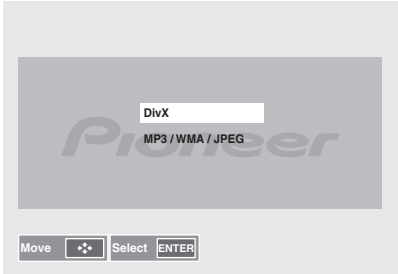
The file will be played in order listed above.

Procedure to playback DivX or MP3/WMA/JPEG file

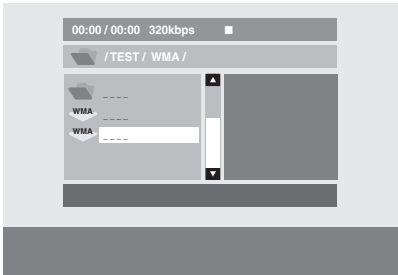
To play by specifying a file.



- 1 Press DVD/CD.
 - 2 Press **↑/↓** to select DivX or MP3/WMA/JPEG.
- If DivX, MP3, WMA or JPEG files are mixed in the disc.



- 3 Press **↑/↓** to select desired playback the file.



- 4 Press **ENTER**.
- Playback will start.

Chapter 7: USB playback

Playing USB storage devices

It is possible to listen to two-channel audio using the USB interface on the front of this receiver.

- Pioneer does not guarantee that any file recorded on a USB storage device will play or that power will be supplied to a USB storage device. Also note that Pioneer will accept no responsibility whatsoever for loss of files on USB storage devices caused by connection to this unit.

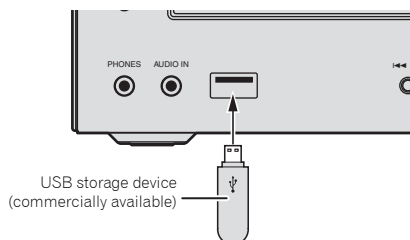
1 Press USB as the input source.

"USB/iPod" is shown on the main display.

2 Connect the USB storage device.

"GUI" appear on the main display automatically.

- This receiver does not support a USB hub.
- If an iPod/iPhone/iPad is connected to the unit, the unit will automatically begin charging it.



3 When the recognition is completed, press ►/II to start playback.

- When changing to a different input source, stop the USB memory playback first before changing.

4 Disconnect USB storage device from the USB terminal.

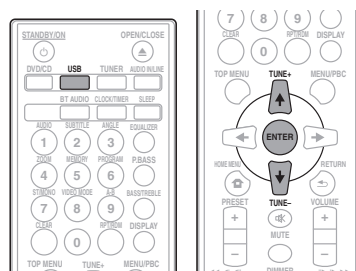
Turn the power off before removing the USB storage device.

Note

- USB flash drive that supports USB 2.0 can be used.
- This unit may not recognize a USB storage device, play files or supply power to a USB storage device. For details, see *When a USB storage device is connected* on page 41.
- When a USB storage device is not playing and no operations have been performed for more than 20 minutes, the unit will automatically power off. In this case it is required that the Auto power off is switched to **ON**.
- Auto power off can be switched to **ON/OFF** (page 47).

Procedure to playback DivX or MP3/WMA/JPEG file

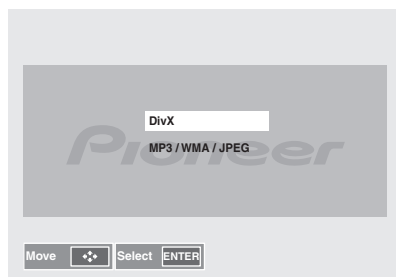
To play by specifying a file.



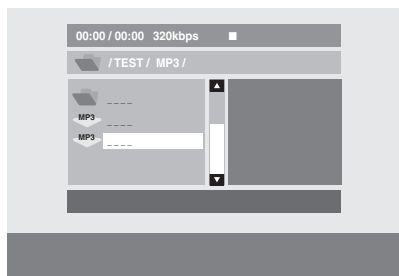
1 Press USB.

2 Press ↑/↓ to select DivX or MP3/WMA/JPEG.

If DivX, MP3, WMA or JPEG files are mixed in the USB storage device.



- 3 Press **↑/↓** to select desired playback file.



- 4 Press **ENTER**.

Playback will start.

Playing in the desired order (Programmed Play)

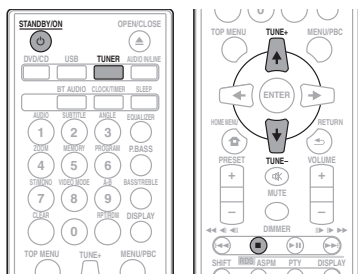
This unit can play repeatedly folders stored in the USB storage device. For details, see *Programmed play* on page 24.

Chapter 8:

Using the tuner

Listening to the radio broadcasts

The following steps show you how to tune in to FM radio broadcasts using the automatic (search) and manual (step) tuning functions. Once you are tuned to a station you can memorize the frequency for recall later. See *Saving station presets* below for more on how to do this.



Tuning

- 1 Press the **STANDBY/ON** to turn the power on.
- 2 Press **TUNER**.
- 3 Press **TUNE +/-** on the remote control to tune in to the desired station.

Automatic tuning:

Press and hold **TUNE +/-**, scanning will start automatically and the tuner will stop at the first receivable broadcast station.

Manual tuning:

Press the **TUNE +/-** repeatedly to tune in to the desired station.

Note

- When radio interference occurs, automatic tuning may stop automatically at that point.
- Automatic tuning will skip weak signal stations.
- To stop the automatic tuning, press **■**.
- When an RDS (Radio Data System) station is tuned in, the frequency will be displayed first. Finally, the station name will appear.
- Full auto tuning can be achieved for RDS stations using Auto Station Program Memory (ASPM) mode, see page 31.

To receive an FM stereo transmission:

- Press **ST/MONO** to select stereo mode and "AUTO" will be displayed.

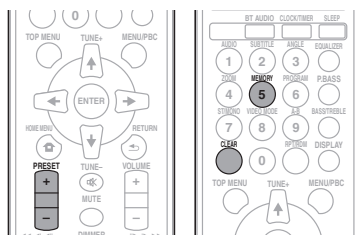
Improving poor FM reception:

1 Press ST/MONO repeatedly to select MONO.

This will change the tuner from stereo to mono and usually improve the reception.

Saving station presets

If you often listen to a particular radio station, it's convenient to have the receiver store the frequency for easy recall whenever you want to listen to that station (Preset tuning). This saves the effort of manually tuning in each time. This unit can memorize up to 40 stations.



1 Tune to a station you want to memorize.

See *Tuning* above for more on this.

2 Press MEMORY.

The preset number will flash.

3 Press PRESET +/- to select the preset channel number.

4 Press MEMORY to store that station in memory.

If the preset number has changed from flashing to lighting, before the station is memorised, repeat the operation from step 2.

- Repeat steps 1 - 4 to set other stations, or to change a preset station. When a new station is stored in the memory, the station previously memorised for that preset channel number will be erased.

Note

- The backup function protects the memorised stations for a few hours should there be a power failure or the AC power cord become disconnected.

To recall a memorised station

- 1 Press **PRESET +/-** to select the desired station.

To scan the preset stations

The stations saved in the memory can be scanned automatically. (Preset memory scan)

- 1 Press and hold **PRESET +/-**.

The preset number will appear and the programmed stations will be tuned in sequentially, for 5 seconds each.

- 2 Press **PRESET +/-** again when the desired station is located.

To erase entire preset memory

- 1 Press **TUNER** on the remote control.
- 2 Press **CLEAR** until "MEMORY CLEAR" appears.



Note

- All stations will be erased.

Using the Radio Data System (RDS)

Areas that do not support the RDS cannot use the RDS function.

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:

News – News

Current Affairs – Current Affairs

Information – General Information

Sport – Sport

Education – Educational

Drama – Radio plays, etc.

Cultures – National or regional culture, theater, etc.

Science – Science and technology

Varied Speech – Usually talk-based material, such as quiz shows or interviews.

Pop Music – Pop music

Rock Music – Rock music

Easy Listening – Easy listening

Light Classics M – 'Light' classical music

Serious Classics – 'Serious' classical music

Other Music – Music not fitting above categories

Weather & Metr – Weather reports

Finance – Stock market reports, commerce, trading, etc.

Children's Progs – Programs for children

Social Affairs – Social affairs

Religion – Programs concerning religion

Phone In – Public expressing their views by Phone

Travel & Touring – Holiday-type travel rather than traffic announcements

Leisure & Hobby – Leisure interests and hobbies

Jazz Music – Jazz

Country Music – Country music

National Music – Popular music in a language other than English

Oldies Music – Popular music from the '50s and '60s

Folk Music – Folk music

Documentary – Documentary

Alarm Test – Broadcasting when testing emergency broadcast equipment or receivers.

Alarm – Alarm!

Searching for RDS programs

You can search a program type listed above.

- 1 Press **TUNER** on the remote control.

- 2 Press **RDS PTY** on the remote control. "SELECT" will appear for about 6 seconds.

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

Each time the button is pressed, the program type will appear. If the button is held down, the program type will appear continuously.

- 4 Whilst the selected program type is displayed (within 6 seconds), Press **RDS PTY** again.

After the selected program type has been lit for 2 seconds, "SEARCH" will appear, and the search operation will start.



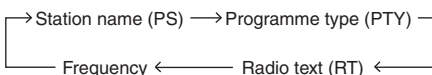
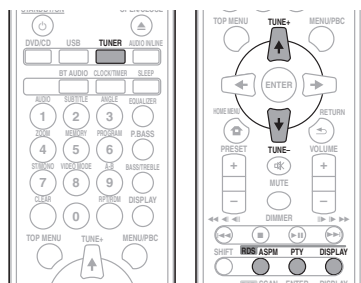
Note

- If the display has stopped flashing, start again from step 2. If the unit finds a desired program type, the corresponding channel number will be lit for about 8 seconds, and then the station name will be displayed.
- If you want to listen to the same program type of another station, press the **RDS PTY** whilst the channel number or station name is flashing. The unit will look for the next station.

- If no station can be found, "NOT FOUND" will appear for 4 seconds.

Information provided by RDS

Each time the **RDS DISPLAY** is pressed, the display will switch as follows:



When tuning in to a station other than an RDS station or to an RDS station which sends weak signal, the display will change in the following order:



Using the Auto Station Program Memory (ASPM)

Whilst in the ASPM operation mode, the tuner will automatically search for new RDS stations. Up to 40 stations can be stored.

If you have already stored some stations in memory, the number of new stations you can store will be less.

1 Press TUNER on the remote control.

2 Press and hold down RDS ASPM on the remote control.

After "ASPM" has flashed for about 4 seconds, scanning will start (87.5 MHz to 108 MHz).

After scanning, the number of stations stored in memory will be displayed for 4 seconds, and then "END" will appear for 4 seconds.

To stop the ASPM operation before it is complete:

Press **■** whilst it is scanning for stations. The stations which are already stored in memory will be kept there.

Note

- If the same station is broadcasting on different frequencies, the strongest frequency will be stored in memory.
- Any station which has the same frequency as the one stored in memory will not be stored.
- If 40 stations have already been stored in memory, the scan will be aborted. If you want to redo the ASPM operation, erase the preset memory.
- If no station have been stored in memory, "NOT FOUND" will appear for about 4 seconds.
- If the RDS signals are very weak, station names may not be stored in memory.
- The same station name can be stored in different channels.
- In a certain area or during certain time periods, the station names may temporarily be different.

Notes for RDS operation

If any of the following events occur, it does not mean that the unit is faulty:

- "PS", "NO PS" and a station name appear alternately, and properly.
- If a particular station is not broadcasting properly or a station is conducting tests, the RDS reception function may not work properly.
- When you receive an RDS station whose signal is too weak, information like the station name may not be displayed.
- "NO PS", "NO PTY" or "NO RT" will flash for about 5 seconds, and then the frequency will be displayed.

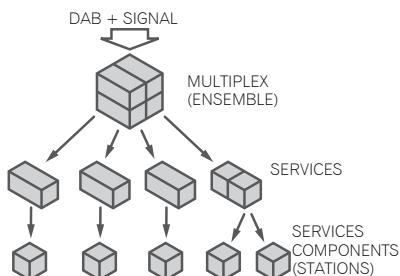
Notes for radio text:

- The first 16 characters of the radio text will appear and then they will scroll across the display.
- If you tune in to an RDS station which is not broadcasting any radio text, "NO RT" will be displayed when you switch to the radio text position.
- Whilst radio text data is received or when the text contents change, "RT" will be displayed.

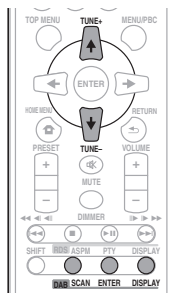
Listening to the DAB+

About DAB+ (Digital Audio Broadcasting)

Digital Audio Broadcasting is a digital transmission system where audio signals are converted to digital signals for broadcasting. DAB+ is broadcast as a group of data called multiplex (ensemble) which may contain one or more stations (services). Each station contains a primary service and there may be one or more secondary services. This allows several programmes or services to be transmitted on a single frequency.



Auto Scan



When turned on for the first time, the unit scans radio stations automatically to create a station list. You can make the auto scan again when you move the unit to other areas or add multiplex channels to the station list.

1 Press the TUNER until "DAB" appears on the display.

2 Press DAB SCAN on the remote control for more than 3 seconds.

Auto Scan scanning begins.

After the scan:

The stations will be stored in alphanumeric order and the first station on the list will be selected and you will hear it through the speakers.

- To listen to other stations, see *Selecting a station in the station list* below.

Note

- If no station is found, "NO SIGNAL" appears.
- Up to 100 appears for total received stations.

Selecting a station in the station list

Once a DAB+ station is received, you can select stations in the station list.

1 Press the TUNER until "DAB" appears on the display.

2 Whilst receiving a DAB+ station, press the TUNE +/- to select the desired station.

3 Within 10 seconds, press the DAB ENTER on the remote control to tune into the desired station.

Manual tune

You can manually store stations which Auto Scan cannot find. If reception is poor, you can adjust the sensitivity. Manual tune is only available after Auto tune. Perform Auto Scan first.

1 Press the TUNER until "DAB" appears on the display.

2 Press the DAB SCAN once.

3 Within 10 seconds, press the TUNE +/- to select the DAB+ frequency.

4 Within 10 seconds, press the DAB ENTER.

- If the level is too low, move the aerial or unit to improve reception.

Changing the information display

You can switch DAB+ display information.

Press the **DAB DISPLAY** button.

Each time the button is pressed, the information display changes in the following order.

When "NO SIGNAL" appears, the **DAB DISPLAY** button does not allow you to change the display.

[Station Name]

Station name is displayed. (set by default)

[Scrolling text]

Information scrolls across the display when sent from the station.

[Programme type]

A description of the type of content being broadcast by the station.

[Multiplex name]

The name of the multiplex (ensemble) which provides the current service.

[Frequency]

The DAB+ frequency for the station.

[Stereo mode]

Display stereo mode.

[Transfer speed]

The data transfer speed.

[Signal quality]

The signal quality is displayed as a number (0 - 100).

[85-100: Good, 70-84: Fair, 0-69: Poor]

Memorising a station

You can store 10 DAB stations in memory and recall them at the push of a button. (Preset tuning)

1 Tune to the desired DAB station.

2 Press the MEMORY/PROGRAM.

The preset number will flash.

3 Within 10 seconds, press the PRESET +/- to select the preset channel number.

Store the stations in memory, in order, starting with preset channel 1.

4 Within 10 seconds, press the MEMORY/PROGRAM to store that station in memory.

If the preset number indicators disappear before the station is memorised, repeat the operation from step 2.

5 Repeat steps 1 - 4 to set other stations, or to change a preset station.

When a new station is stored in the memory, the station previously memorised for that preset channel number will be erased.

DAB Frequency table (BAND III)

Frequency	Label	Frequency	Label
174.928 MHz	5A	208.064 MHz	9D
176.640 MHz	5B	209.936 MHz	10A
178.352 MHz	5C	211.648 MHz	10B
180.064 MHz	5D	213.360 MHz	10C
181.936 MHz	6A	215.072 MHz	10D
183.648 MHz	6B	216.928 MHz	11A
185.360 MHz	6C	218.640 MHz	11B
187.072 MHz	6D	220.352 MHz	11C
188.928 MHz	7A	222.064 MHz	11D
190.640 MHz	7B	223.936 MHz	12A
192.352 MHz	7C	225.648 MHz	12B
194.064 MHz	7D	227.360 MHz	12C
195.936 MHz	8A	229.072 MHz	12D
197.648 MHz	8B	230.784 MHz	13A
199.360 MHz	8C	232.496 MHz	13B
201.072 MHz	8D	234.208 MHz	13C
202.928 MHz	9A	235.776 MHz	13D
204.640 MHz	9B	237.488 MHz	13E
206.352 MHz	9C	239.200 MHz	13F

Chapter 9:

Other connections

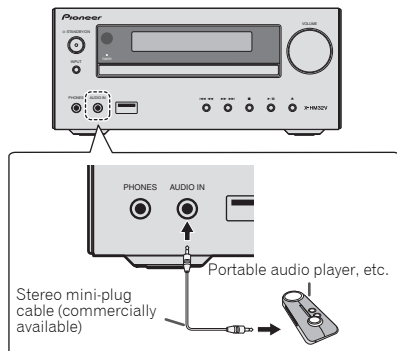
CAUTION

- Before making or changing the connections, switch off the power and disconnect the power cord from the AC outlet.

Connecting auxiliary components

Connect the front panel **AUDIO IN** mini-plug jack to your auxiliary playback component.

- This method can be used to play music on this unit from iPods/iPhones/iPads that do not support use of the USB terminal.

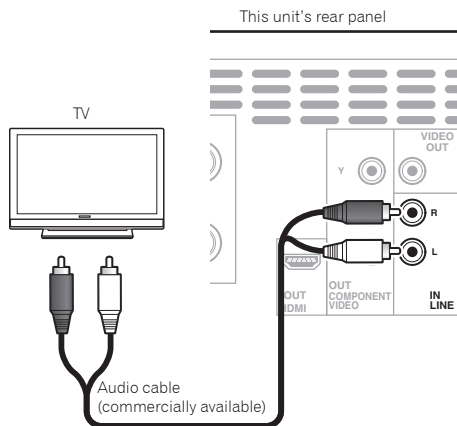
**1 Press AUDIO IN/LINE as the input source.**

When **AUDIO IN** is selected, "**AUDIO IN**" will be displayed on the main display.

Note

- If the **AUDIO IN** mini-plug jack is connected to auxiliary phones jack, the volume of the unit will be adjusted by the volume on the playback component. If the sound is distorted after you lower the volume of the unit, try lowering the volume on the auxiliary playback component.

Connect the rear panel **LINE IN** audio jacks to your auxiliary playback component.

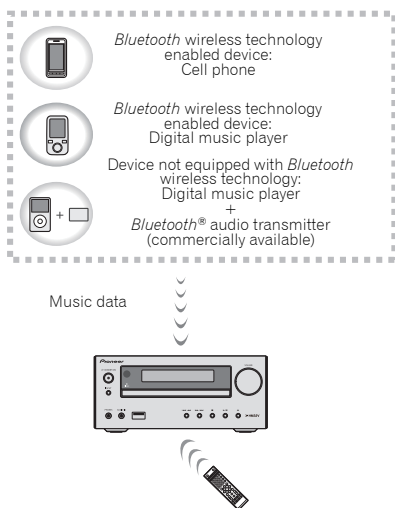
**1 Press AUDIO IN/LINE twice as the input source.**

When **LINE** is selected, "**LINE**" will be displayed on the main display.

Chapter 10:

Bluetooth® Audio playback

Music playback using *Bluetooth* wireless technology



The unit is capable of playing back music stored on *Bluetooth* capable devices (cell phones, digital music players etc.) wirelessly. You can also use a *Bluetooth* audio transmitter (sold separately) to enjoy music from devices that do not have *Bluetooth* functionality. Please refer to the user's manual for your *Bluetooth* capable device for more details.

Note

- 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.
- The *Bluetooth* wireless technology enabled device must support A2DP profiles.
- Pioneer does not guarantee proper connection and operation of this unit with all *Bluetooth* wireless technology enabled devices.

Remote control operation

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

Note

- The *Bluetooth* wireless technology enabled device must support AVRCP profiles.
- Remote control operations cannot be guaranteed for all *Bluetooth* wireless technology enabled devices.

Pairing with the unit (Initial registration)

In order for the unit to playback music stored on a *Bluetooth* capable device, pairing must first be performed. Pairing should be performed when first using the unit with the *Bluetooth* capable device, or when the pairing data on the device has been erased for any reason.

Pairing is a step required to allow communication using *Bluetooth* wireless technology to be carried out.

- Pairing is only performed the first time that you use the unit and the *Bluetooth* capable device together.
- In order to allow communication using *Bluetooth* wireless technology to take place, pairing must be performed on both the unit and the *Bluetooth* capable device.
- After pressing the **BT AUDIO** and switching to **BT AUDIO** input, perform the pairing procedure on the *Bluetooth* capable device. If pairing has been performed correctly, you will not need to perform the pairing procedures for the unit as shown below.

Please refer to the user's manual for your *Bluetooth* capable device for more details.

1 Press the  STANDBY/ON and turn the power to the unit on.

2 Press the BT AUDIO.

The unit switches to **BT AUDIO** and **PAIRING** will be displayed.

3 Turn on the power to the *Bluetooth* capable device that you wish to pair with, and perform pairing procedure on it.

Note

- This unit will be displayed as "X-HM32V" on all *Bluetooth* capable devices that you have.

Pairing will start.

- Place the *Bluetooth* capable device close to the unit.

- Please refer to the user's manual for your *Bluetooth* capable device for details on when pairing can be performed and the procedures required for pairing.
- When PIN code entry is requested, enter "0000." (This unit does not accept any PIN code setting other than "0000.")

4 Confirm on the *Bluetooth* capable device that pairing has been completed.

If pairing with the *Bluetooth* capable device has been completed correctly, the name of the *Bluetooth* capable device will be displayed on the front panel of the unit. (Only single-byte alphanumeric characters can be displayed. Any character that cannot be displayed will be indicated by a "**".)

Listen to music on the unit from a *Bluetooth* capable device

1 Press the BT AUDIO.

The unit will switch to **BT AUDIO** input.

2 A *Bluetooth* connection will be created between the *Bluetooth* capable device and the unit.

Procedures for connecting to the unit should be performed from the *Bluetooth* capable device.

- Please refer to the user's manual for your *Bluetooth* capable device for details of the connection procedures.

3 Playback music from the *Bluetooth* capable device.

Note

- When *Bluetooth* capable device is not playing and no operations have been performed for more than 20 minutes, the unit will automatically power off. In this case it is required that the Auto power off is switched to **ON**.
- Auto power off can be switched to **ON/OFF** (page 47).

BT STANDBY

- The following can be done when the unit is on standby with the **BT AUDIO** switched **ON**.
- By selecting a *Bluetooth* capable device that already has a connection history (pairing has already been conducted) with this unit, this unit will automatically turn on with the **BT AUDIO** function.

BT STANDBY settings

- Switch **ON/OFF** by long pressing the **INPUT** button located on the top of the unit for 3 seconds.
- When the power is ON, long press the **INPUT** button. This cannot be operated if the power is not on.
- The setting operation can only be performed by using the **INPUT** button on the unit. The setting cannot be performed using the remote control.

Note

- When the **BT STANDBY** is **ON**, "BT STANDBY ON" is displayed on the main display.
- When the **BT STANDBY** is **OFF**, "BT STANDBY OFF" is displayed on the main display.
- If the power cable has been removed and inserted again, the function will become effective after the power is turned **ON** for the unit.

Connection while in BT STANDBY mode with *Bluetooth* capable device

When connection history (pairing has already been conducted) with a *Bluetooth* capable device exists for the unit during **BT STANDBY**, the unit can receive a connection request directly from the connection history.

The unit will start using the **BT AUDIO** function, and connect with a *Bluetooth* capable device.

Even devices that have already been paired with this unit will not connect during **BT STANDBY** in the following cases.

In such cases, delete pairing history from the *Bluetooth* wireless technology device and perform pairing again.

- Up to 8 pairing history can be recorded with this unit. If connecting to a *Bluetooth* wireless technology device over 8 units, the oldest pairing history will be deleted.
- If the settings are reset to the factory setting, all pairing history will be deleted.

Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (see list below). To prevent noise or interrupted communication, do not use this unit nearby such devices, or make sure these devices are switched off during use.

- Cordless phones
- Cordless facsimiles
- Microwave ovens
- Wireless LAN devices (IEEE802.11b/g)
- Wireless AV equipment
- Wireless controllers for game systems
- Microwave-based health aids
- Some baby monitors

Other, less common, equipment that may operate on the same frequency:

- Anti-theft systems
- Amateur radio stations (HAM)
- Warehouse logistic management systems
- Discrimination systems for train or emergency vehicles

Note

- In the event noise appears in your television image, there is the possibility that a *Bluetooth* wireless technology enabled device or this unit (including products supported by this unit) are causing signal interference with the antenna input connector of your television,

video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and the *Bluetooth* wireless technology enabled device or this unit (including products supported by this unit).

- If there is something obstructing the path between this unit (including devices supported by this unit) and the device equipped with *Bluetooth* wireless technology (such as a metal door, concrete wall, or insulation containing tinfoil), you may need to change the location of your system to prevent signal noise and interruptions.

Scope of operation

Use of this unit is limited to home use. (Transmission distances may be reduced depending on communication environment).

In the following locations, poor condition or inability to receive radio waves may cause the audio to be interrupted or stopped:

- In reinforced concrete buildings or steel framed or iron-framed buildings.
- Near large metallic furniture.
- In a crowd of people or near a building or obstacle.
- In a location exposed to the magnetic field, static electricity or radio wave interference from radio communication equipment using the same frequency band (2.4 GHz) as this unit, such as a 2.4 GHz wireless LAN device (IEEE802.11b/g) or microwave oven.
- If you live in a heavily populated residential area (apartment, townhouse, etc.) and if your neighbor's microwave is placed near your system, you may experience radio wave interference. If this occurs, move your unit to a different place. When the microwave is not in use, there will be no radio wave interference.

Radio wave reflections

The radio waves received by this unit include the radio wave coming directly from the device equipped with *Bluetooth* wireless technology (direct wave) and waves coming from various directions due to reflections by walls, furniture and building (reflected waves). The reflected waves (due to obstacles and reflecting objects) further produce a variety of reflected waves as well as variation in reception condition depending on locations. If the audio cannot be received properly due to this phenomenon, try moving the location of the device equipped with *Bluetooth* wireless technology a little. Also note that audio may be interrupted due to the reflected waves when a person crosses or approaches the space between this unit and the device equipped with *Bluetooth* wireless technology.

Precautions regarding connections to products supported by this unit

- Complete connections for all devices supported by this unit, including all audio cords and power cables before connecting them to this unit.
- After completing connections to this unit, check the audio and power cables to confirm that they not twisted together.

- When disconnecting this unit, confirm that you have sufficient working space in the surrounding area.
- When changing connections of audio or other cables for products supported by this unit, confirm that you have sufficient working space in the surrounding area.

Chapter 11:

Changing the settings

Settings for DVD/CD and USB playback

- 1 Press **HOME MENU**.
HOME MENU screen appears.
- 2 Use **↑/↓/←/→** to select the item, then press **ENTER**.
- 3 Use **↑/↓/←/→** to change the setting, then press **ENTER**.
 - Closing the **HOME MENU** screen.
Press **HOME MENU**.

The factory default settings are indicated in *italic*.

 Important

- The following settings are available for a disc or USB storage device content. They are not available for iPod/iPhone/iPad, tuner, external input (**AUDIO IN/LINE**) and BT AUDIO.
- In the USB mode, you can only change the **Play Mode** and **Audio Settings** on the **HOME MENU** screen.

Audio Settings parameters

Settings	What it does
Audio DRC (High/Medium/Low/Off)	• This makes loud sounds weaker and weak sounds louder. Change the setting for example when watching movies late at night. • This setting only affects Dolby Digital sound. • The effect depends on the volume of the connected TV, AV receiver or amplifier, speakers, etc. Try different settings, and choose the one providing the strongest effect.

Video Adjust parameters

Settings	What it does
Sharpness (Fine/Standard/Soft)	Adjusts the picture's sharpness.
Brightness (-20 to +20)	Adjusts the picture's brightness.
Contrast (-16 to +16)	Adjusts the ratio of the brightness of the brightest and darkest portions of the picture.
Gamma (-3 to +3)	Adjusts the look of the dark portions of the picture.
Hue (green 9 to red 9)	Adjusts the balance between green and red.
Chroma Level (-9 to +9)	Adjusts the density of the colors. This setting is effective for sources with many colors, such as cartoons.

Brightness, **Contrast**, **Gamma**, **Hue** and **Chroma Level** are set to 0 upon purchase.

Initial Settings parameters

- Use these settings to make detailed unit settings.
- Initial Settings cannot be selected during playback. Stop the disc first.

Digital Audio Out settings

Settings	What it does
HDMI Out	Select the audio signals to be output from the HDMI OUT terminal (LPCM (2CH)/Auto/Off) according to the connected HDMI-compatible device.

Video Output settings

Settings	What it does
TV Screen	Change the picture display format (4:3 (Letter Box)/4:3 (Pan & Scan)/16:9 (Wide)/16:9 (Compressed)), according to the connected TV.
HDMI Resolution	Change the resolution of the video signals output from the HDMI OUT terminals (720x576i/720x576p/1280x720p/1920x1080i/1920x1080p). If the image does not appear correctly after changing the setting, return the setting to " 720x576p ." Refer to <i>Setting the HDMI Resolution settings back to their defaults</i> below.
HDMI Color	Change the video signals output from the HDMI OUT terminal (Full range RGB/RGB/Component).

Language settings

Settings	What it does
Audio Language	Change the language when listening to the sound of DVD-Video discs (English /available languages/ Other Language).
Subtitle Language	Change the language of the subtitles displayed for DVD-Video discs (English /available languages/ Other Language).
DVD Menu Lang.	Change the language used for the menu displays of DVD-Video discs (w/ Subtitle Lang. /available languages/ Other Language).
Subtitle Display	Select whether to display subtitles (On) or not (Off).

- If the above setting is used to select "**Other Language**," perform operations while referring to *Language Code Table* on page 43.

Display settings

Settings	What it does
OSD Language	Change the language of the operation messages (Play, Stop , etc.) displayed on the TV screen (English /available languages).
Angle Indicator	Select whether to display the angle mark on the TV screen (On) or not (Off).
On Screen Display	Select whether to display operation messages (Play, Stop , etc.) on the TV screen (On) or not (Off).

Options settings

Settings	What it does
Parental Lock	Restrict DVD-Video viewing (Password/Level Change/Country Code). See <i>Language Code Table</i> on page 43 in order to set the "Country Code."
DivX(R) VOD	Display the registration code required for playing DivX(R) VOD files (Activate/Deactivate).

Setting the HDMI Resolution settings back to their defaults

- Press and hold VIDEO MODE.

Chapter 12:

Additional information

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

General problem

Problem	Check	Remedy
Settings you have made have been cleared.	Was the power cord unplugged?	When power cord is unplugged, the settings you have made is cleared. Please set the clock again. If you do not want to clear the settings, do not unplug the power cord.
Difference in volume between DVDs, CDs, MP3, WMA, iPod/iPhone/iPad, Tuner, BT AUDIO, AUDIO IN and LINE.	This is not a problem with this unit.	The volume may sound differently depending on the input source and recording format.
This unit cannot be operated with the remote control.	Are you operating from far away?	Operate within 7 m, 30° of the remote sensor on the front panel (page 6).
	Is the remote control sensor exposed to direct sunlight or strong artificial light from a fluorescent bulb, etc.?	The remote control signals may not be received properly if the remote control sensor is exposed to direct sunlight or strong artificial light from a fluorescent bulb, etc.
	Are the batteries dead?	Replace the batteries (page 6).
Disc cannot be played or disc is ejected automatically.	Is the disc scratched?	Scratched discs may not play.
	Is the disc dirty?	Wipe the dirt off the disc (page 47).
	Is this unit placed in a humid location?	There could be condensation inside. Wait a while for the condensation to evaporate. Do not place this unit near an air-conditioner, etc. (page 46).
DVD VR cannot be played.	Is the disc supported CPRM?	This unit does not support CPRM. You can play only DVD VR of a non CPRM.
Picture is stretched, or aspect ratio cannot be switched.	Is the aspect ratio properly set on the connected TV?	Refer to the TV's operating instructions and set the TV's aspect ratio properly.
	Is TV Screen properly set?	Set TV Screen properly (page 38). This setting is available for a disc or USB storage device content. For movies and images stored in iPod/iPhone/iPad, operate your iPod/iPhone/iPad.
During playback, picture is disturbed or dark.	This is not a problem with this unit.	This unit supports Rovi copy protection. With some TVs, the picture may not display properly when playing discs including copy prevention signals. This is not a malfunction.
	Are this unit and TV connected via a video deck?	When this unit and TV are connected via a video deck, this unit's analog copy protect function may cause the picture being played on the video deck not to display properly. Connect this unit and TV directly.
Sound and video are intermittent during disc playback.	Sound volume may be too high.	Sound and video may be unsteady if sound volume is set too high; in this case, lower the sound volume.

Problem	Check	Remedy
Folder or file names are not recognized. (DivX, WMA, MP3 and JPEG)	Have you exceeded the maximum number of folder or file names this unit can recognize?	Up to 255 folders can be recognized on one disc. Up to 648 files can be recognized within one folder. Depending on the folder structure, however, this unit may not be able to recognize certain folders or files.
Time is required to play JPEG files.	Are you playing large files?	Some time may be required to display large files.
Black bars are displayed when playing JPEG files.	Are you playing files with different aspect ratios?	Black bars may be displayed along the top and bottom or sides when JPEG files with different aspect ratios are played.
The unit turns off automatically.		If no play back and no operation has done for 20 minutes or more, the unit turns off automatically. In this case it is required that the Auto power off is switched to ON . Auto power off can be switched to ON/OFF (page 47).

When a USB storage device is connected

Problem	Check	Remedy
USB storage device is not recognized.	Is the USB storage device properly connected?	Connect the device securely (all the way in).
	Is the USB storage device connected via a USB hub?	This unit does not support USB hubs. Connect the USB storage device directly.
	Is the USB storage device supported by this unit?	This unit only supports USB mass storage class devices.
		This unit supports portable flash memory and digital audio playback devices.
		Only the FAT16 and FAT32 file systems are supported. Other file systems (exFAT, NTFS, HFS etc.) are not supported.
		USB flash drive that supports USB 2.0 can be used.
	This is not a problem with this unit.	This device does not support the use of external hard disc drives.
		Turn the power off then back on. Some USB storage devices may not be recognized properly.
File cannot be played.	Is the file copyright-protected (by DRM)?	Copyright-protected files cannot be played.
	This is not a problem with this unit.	Files stored on a computer cannot be played. It may not be possible to play some files.
Folder or file names are not displayed or are not properly displayed.	Do the folder or file names contain more than 30 characters?	The maximum number of characters displayable for the folder and file names is 30.
Folder or file names are not displayed in alphabetical order.	This is not a problem with this unit.	The order of the folder and file names displayed Disc Navigator depends on the order in which the folders or files were recorded on the USB storage device.
Much time is required to recognize the USB storage device.	What is the USB storage devices capacity?	Some time may be required to load the data when large capacity USB storage devices are connected (this could take several minutes).
Power is not supplied to the USB storage device.	Is AUTH ERROR displayed on the front panel display? No power is supplied if the power consumption is too high.	Turn the power off then back on.
		Turn the power off, then disconnect and reconnect the USB storage device. Press INPUT to switch to the other input, then switch again to the USB/iPod input.

When connected to an HDMI-compatible device

Problem	Check	Remedy
Picture is not displayed.	Is the resolution properly set?	Set HDMI Resolution properly for the connected device (page 39). Restore HDMI Resolution to the default setting (720x576p) (page 39).
	Is the HDMI cable properly connected?	Connect the cable securely (all the way in). With some cables, 1080p video signals will not be output.
Sound is not produced or is distorted.	Is HDMI Out properly set?	Set HDMI Out to LPCM (2CH) or Auto (page 39).
Multichannel audio signals are not output.	Is HDMI Out properly set?	Set HDMI Out to Auto (page 39).
Colors are not properly displayed on TV screen.	Is HDMI Color properly set?	Change the HDMI Color setting (page 39).

When an iPod/iPhone/iPad is connected

Problem	Remedy
Can't operate the iPod/iPhone/iPad by the remote control.	Make sure the iPod/iPhone/iPad is connected correctly (refer to <i>Connecting your iPod/iPhone/iPad</i> on page 19).
Can't operate the iPod/iPhone/iPad.	Make sure the iPod/iPhone/iPad is connected correctly (refer to <i>Connecting your iPod/iPhone/iPad</i> on page 19). If the iPod/iPhone/iPad is experiencing a hangup, try resetting the iPod/iPhone/iPad, and reconnect it to the unit.

When the Bluetooth wireless technology device is connected or operated

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 Bluetooth 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 Bluetooth wireless technology device is not too far from the unit and that obstructions are not set between the Bluetooth wireless technology device and the unit. Set the Bluetooth wireless technology device and the unit so that the distance between them is less than about 10 m* and no obstructions exist between them. * The distance given is to be used as a rough guide. The actual allowable distance between devices may vary depending on conditions in the surrounding environment.
	The Bluetooth wireless technology device may not be set to the communication mode supporting the Bluetooth wireless technology. Check the setting of the Bluetooth wireless technology device.

Language Code Table and Country/ Area Code Table

Language Code Table

Language names (codes) and input codes:

Japanese (ja), 1001	Frisian (fy), 0625
English (en), 0514	Irish (ga), 0701
French (fr), 0618	Scots-Gaelic (gd), 0704
German (de), 0405	Galician (gl), 0712
Italian (it), 0920	Guarani (gn), 0714
Spanish (es), 0519	Gujarati (gu), 0721
Chinese (zh), 2608	Hausa (ha), 0801
Dutch (nl), 1412	Hindi (hi), 0809
Portuguese (pt), 1620	Croatian (hr), 0818
Swedish (sv), 1922	Hungarian (hu), 0821
Russian (ru), 1821	Armenian (hy), 0825
Korean (ko), 1115	Interlingua (ia), 0901
Greek (el), 0512	Interlingue (ie), 0905
Afar (aa), 0101	Inupiak (ik), 0911
Abkhazian (ab), 0102	Indonesian (in), 0914
Afrikaans (af), 0106	Icelandic (is), 0919
Amharic (am), 0113	Hebrew (iw), 0923
Arabic (ar), 0118	Yiddish (ji), 1009
Assamese (as), 0119	Javanese (jw), 1023
Aymara (ay), 0125	Georgian (ka), 1101
Azerbaijani (az), 0126	Kazakh (kk), 1111
Bashkir (ba), 0201	Greenlandic (kl), 1112
Byelorussian (be), 0205	Cambodian (km), 1113
Bulgarian (bg), 0207	Kannada (kn), 1114
Bihari (bh), 0208	Kashmiri (ks), 1119
Bislama (bi), 0209	Kurdish (ku), 1121
Bengali (bn), 0214	Kirghiz (ky), 1125
Tibetan (bo), 0215	Latin (la), 1201
Breton (br), 0218	Lingala (ln), 1214
Catalan (ca), 0301	Laotian (lo), 1215
Corsican (co), 0315	Lithuanian (lt), 1220
Czech (cs), 0319	Latvian (lv), 1222
Welsh (cy), 0325	Malagasy (mg), 1307
Danish (da), 0401	Maori (mi), 1309
Bhutani (dz), 0426	Macedonian (mk), 1311
Esperanto (eo), 0515	Malayalam (ml), 1312
Estonian (et), 0520	Mongolian (mn), 1314
Basque (eu), 0521	Moldavian (mo), 1315
Persian (fa), 0601	Marathi (mr), 1318
Finnish (fi), 0609	Malay (ms), 1319
Fiji (fj), 0610	Maltese (mt), 1320
Faroese (fo), 0615	Burmese (my), 1325

Nauru (na), 1401	Siswati (ss), 1919
Nepali (ne), 1405	Sesotho (st), 1920
Norwegian (no), 1415	Sundanese (su), 1921
Occitan (oc), 1503	Swahili (sw), 1923
Oromo (om), 1513	Tamil (ta), 2001
Oriya (or), 1518	Telugu (te), 2005
Panjabi (pa), 1601	Tajik (tg), 2007
Polish (pl), 1612	Thai (th), 2008
Pashto, Pushto (ps), 1619	Tigrinya (ti), 2009
Quechua (qu), 1721	Turkmen (tk), 2011
Rhaeto-Romance (rm), 1813	Tagalog (tl), 2012
Kirundi (rn), 1814	Setswana (tn), 2014
Romanian (ro), 1815	Tonga (to), 2015
Kinyarwanda (rw), 1823	Turkish (tr), 2018
Sanskrit (sa), 1901	Tsonga (ts), 2019
Sindhi (sd), 1904	Tatar (tt), 2020
Sangho (sg), 1907	Twi (tw), 2023
Serbo-Croatian (sh), 1908	Ukrainian (uk), 2111
Sinhalese (si), 1909	Urdu (ur), 2118
Slovak (sk), 1911	Uzbek (uz), 2126
Slovenian (sl), 1912	Vietnamese (vi), 2209
Samoa (sm), 1913	Volapük (vo), 2215
Shona (sn), 1914	Wolof (wo), 2315
Somali (so), 1915	Xhosa (xh), 2408
Albanian (sq), 1917	Yoruba (yo), 2515
Serbian (sr), 1918	Zulu (zu), 2621

Country/Area Code Table

Country/Area name, Input codes and Country/ Area code

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

Playable discs and formats

DVD-Video	- Commercially available DVD-Video discs - DVD-R/-RW/-R DL and DVD+R/+RW/+R DL discs recorded in the Video mode
DVD VR	DVD-R/-RW/-R DL discs recorded in the VR mode This unit does not support CPRM
Super Video CD	Super Video CDs
Video CD	Video CDs
Audio CD	- Commercially available audio CDs - CD-R/-RW/-ROM discs containing music recorded in the CD-DA format
JPEG	JPEG Files recorded on DVD-R/-RW/-R DL discs, CD-R/-RW/-ROM discs or USB storage devices
DivX®	DivX video files recorded on DVD-R/-RW/-R DL discs, CD-R/-RW/-ROM discs or USB storage devices
WMA	WMA files recorded on DVD-R/-RW/-R DL discs, CD-R/-RW/-ROM discs or USB storage devices
MP3	MP3 files recorded on DVD-R/-RW/-R DL discs, CD-R/-RW/-ROM discs or USB storage devices

- Only the discs that have been finalized can be played.
- Discs recorded in packet write mode (UDF format) are not compatible with this unit.
- Corporation and product names mentioned herein are trademarks or registered trademarks of the respective corporations.
- Only discs recorded in ISO9660 Level 1, Level 2 and Joliet can be played.
-  is a trademark of DVD Format/ Logo Licensing Corporation.



Note

- This unit does not support multisession discs or multiborder recording.
- Multisession/multiborder recording is a method in which data is recorded on a single disc in two or more sessions/borders. A "session" or "border" is one recording unit, consisting of a complete set of data from lead-in to lead-out.

Discs that cannot be played

- Blu-ray discs
- HD DVDs
- AVCHD
- AVCREC
- DVD-Audio discs
- DVD-RAM discs
- SACDs
- CD-G

About region numbers

DVD player and DVD-Video discs are assigned region numbers according to the region in which they are sold. This player's region number(s) is (are) as shown below.

- DVD-Video: 2

Discs not including these numbers cannot be played. Discs playable on this player are as shown below.

- DVDs: 2 (including 2) and ALL

Regarding copy protected CDs

This unit is designed to conform to the specifications of the audio CD format. This unit does not support the playback or function of discs that do not conform to these specifications.

- Files other than the ones below (WMV, MPEG4-AAC, etc.) are not guaranteed to play.

About playing DualDiscs

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 DVD side of a DualDisc can be played on this unit (excluding any DVD-Audio content).
- The non-DVD, audio side of the disc is not compatible with this unit.
- It is possible that when loading or ejecting a DualDisc, the opposite side to that being played will be scratched. Scratched discs may not be playable.
- For more detailed information on DualDisc specifications, please refer to the disc manufacturer or disc retailer.

Playing discs created on computers or BD/DVD recorders

- It may not be possible to play discs recorded using a computer due to the application settings or computer's environment settings. Record discs in a format playable on this unit. For details, contact the dealer.
- It may not be possible to play discs recorded using a computer or a BD/DVD recorder, if burn quality is not good due to characteristics of the disc, scratches, dirt on the disc, dirt on the recorder's lens, etc.

Playable files

- Files protected by DRM (Digital Rights Management) cannot be played.
- Files other than the ones below (WMV, MPEG4-AAC, etc.) are not guaranteed to play.

Supported video file formats

DivX

- DivX is a media technology created by DivX, Inc. DivX media files contain image data.
- DivX files may also include such advanced playback functions as menu screens and selection of multiple subtitle languages/ audio tracks.



- DivX Certified® to play DivX® video, including premium content.
- DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.
- This item incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

File extensions: .avi and .divx (these must be used for this unit 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 unit.

- Files not containing DivX video signals cannot be played, even if they have the extension ".avi".

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

Displaying external subtitle files

- The font sets listed below are available for external subtitle files. You can see the proper font set on-screen by setting the Subtitle Language on page 39 to match the subtitle file.
- This unit supports the following language groups:

Group 1	Afrikaans (af), 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)

- Some external subtitle files may be displayed incorrectly or not at all.
- 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
- 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.

Supported image file formats

JPEG

Resolution: Up to 3072 x 2048 pixels

File extensions: .jpg and .JPG (must be used for this unit to recognize JPEG files – do not use for other file types)

- This unit supports baseline JPEG.
- This unit supports Exif Ver.2.2.
- This unit does not support progressive JPEG.

Supported audio file formats

- This unit does not support lossless encoding.

MP3:

MP3 is a form of compression. It is an acronym which stands for MPEG Audio Layer 3. MP3 is a type of audio code which is processed by significant compression from the original audio source with very little loss in sound quality.

- This system supports MPEG-1/2 Audio Layer 3 (Sampling rates: 8 kHz to 48 kHz; Bit rates: 64 kbps to 384 kbps).
- During VBR file playback, time counter in the display may differ from its actual playback time.

WMA:

WMA files are Advanced System Format files that include audio files which are compressed with Windows Media Audio codec. WMA is developed by Microsoft as an audio format file for Windows Media Player.

- This system supports WMA (Sampling rates: 32 kHz/44.1 kHz/48 kHz; Bit rates: 64 kbps to 320 kbps).
- During VBR file playback, time counter in the display may differ from its actual playback time.

Cautions on use**When moving this unit**

When moving this unit, be sure to first check that there is no disc loaded and disconnect the iPod/iPhone/iPad. Then press **STANDBY/ON**, wait for "STAND BY" disappears on main display to turn off, then unplug the power cord. Damage may occur if the unit is transported or moved with a disc inserted, or when another device is connected to the USB terminal, or **AUDIO IN** mini-plug jack.

Place of installation

- Choose a stable place near the TV or stereo system being used with this unit.
- Do not place this unit on top of a TV or color monitor. Also install it away from cassette decks and other devices easily affected by magnetic forces.

Avoid the following locations:

- Places exposed to direct sunlight
- Humid or poorly ventilated places
- Extremely hot places
- Places exposed to vibrations
- Places in which there is much dust or cigarette smoke
- Places exposed to soot, steam or heat (kitchens, etc.)

Do not place objects on this unit

Do not place any objects on top of this unit.

Do not obstruct the ventilation holes.

Do not use this unit on shaggy rugs, beds, sofas, etc., or wrapped in cloth, etc. Doing so will prevent the heat from dispersing, leading to damage.

Do not expose to heat.

Do not place this unit on top of an amplifier or other component that generates heat. When rack mounting it, to avoid the heat given off by the amplifier or other audio component, place it on a shelf below the amplifier.

- Turn off the unit's power when not using it.
- Depending on signal conditions, striped patterns may appear on a TV screen and noise may enter the sound of radio broadcasts when the unit's power is on. If this happens, turn the unit's power off.

About condensation

If this unit is moved suddenly from a cold place into a warm room (in winter, for example) or if the temperature in the room in which this unit is installed rises suddenly due to heater operation, etc., water droplets (condensation) may form inside (on operating parts and the lens). When condensation is present, this unit will not operate properly and playback is not possible. Let this unit stand at room temperature for 1 or 2 hours with the power turned on (the time depends on the extent of condensation). The water droplets will dissipate and playback will become possible. Condensation can also occur in the summer if this unit is directly exposed to the air flow from an air-conditioner. If this happens, move this unit to a different place.

Cleaning the product

- Unplug the power cord from the power outlet when cleaning this unit.
- Clean this unit using a soft cloth. For tough dirt, apply some neutral detergent diluted in 5 to 6 parts water to a soft cloth, wring out thoroughly, wipe off the dirt, then wipe again with a soft, dry cloth.
- Alcohol, thinner, benzene, insecticides, etc., could cause the print or paint to peel off. Also, leaving rubber or vinyl products in contact with this unit for long periods of time could mar the cabinet.
- When using chemical-impregnated wipes, etc., read the cautions included with the wipes carefully.

Cleaning the lens

- This unit'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 for players are commercially available, we advise against using them since some may damage the lens.

Handling discs

Storing

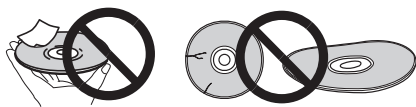
- Always place discs in their cases and store them vertically, avoiding hot, humid places, places exposed to direct sunlight and extremely cold places.
- Be sure to read the cautions included with the disc.

Cleaning discs

- Discs may not play if there are fingerprints or dust on them. In this case, use a cleaning cloth, etc., to gently wipe the disc from the inside towards the outside. Do not use dirty cleaning cloths.



- Do not use benzene, thinner or other volatile chemicals. Also do not use record spray or antistatic agents.
- For tough dirt, apply some water to a soft cloth, wring out thoroughly, wipe off the dirt, then wipe off the moisture with a dry cloth.
- Do not use damaged (cracked or warped) discs.
- Do not let the signal surface of discs get scratched or dirty.
- Do not attach pieces of paper or stickers to discs. Doing so could warp discs, making it impossible to play them. Also note that rental discs often have labels attached to them, and the label's glue may have oozed out. Check that there is no glue around the edges of such labels before using rented discs.



About specially shaped discs

Specially shaped discs (heart-shaped, hexagonal, etc.) cannot be played on this unit. Do not attempt to play such discs, as they could damage this unit.



About iPod/iPhone/iPad

Made for



"Made for iPod," and "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

iPad, iPhone, iPod, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Auto power off setting

Long press the  on the unit for 3 seconds to switch auto power off setting ON/OFF.

The operation can be conducted using only the  on the unit.

No need to set this using the remote control.

Initial setting is set to ON.

Note

- When the auto power off is set to ON, "APD ON" will be displayed on the main display.
- When the auto power off is set to OFF, "APD OFF" will be displayed on the main display.

Restoring all the settings to the defaults

Use the steps below to restore the all settings to their defaults.

- 1 Press  **STANDBY/ON** to turn the power on.
- 2 Press **DVD/CD** on the remote control or **INPUT** on the main unit repeatedly to select **DVD/CD** input.
- 3 Press  **OPEN/CLOSE** to open the disc tray.
- 4 Press  **STANDBY/ON** on the unit for **3 seconds while pressing .**
 - "DEFAULT" is displayed while the settings are being restored. Power is turned off.
 - No need to set this using the remote control.

Specifications

• Amplifier section

RMS Power Output: 30 W + 30 W
(1 kHz, 10 %, T.H.D., 4 Ω)

• Tuner section

Frequency Range (FM) 87.5 MHz to 108 MHz
Frequency Range (DAB) 174.928 MHz to 239.200 MHz
Antenna Input (DAB/FM) 75 Ω unbalanced

• Bluetooth

Version Bluetooth Specification Ver. 3.0
Output Bluetooth Specification Class 2
Estimated line-of-sight transmission distance* About 10 m

Frequency range 2.4 GHz
Modulation FH-SS (Frequency Hopping Spread Spectrum)

Supported Bluetooth profiles A2DP, AVRCP
Supported Codec SBC (Subband Codec)

Supported contents protection SCMS-T
* The line-of-sight transmission distance is an estimate.

Actual transmission distances supported may differ depending on surrounding conditions.

• Miscellaneous

USB terminal 5 V, 2.1 A
Power source AC 220 V to 240 V, 50 Hz/60 Hz
Power consumption

Power on 35 W

Power stand-by 0.5 W or less

Power stand-by (BT STANDBY ON) 0.5 W or less

Dimensions 215 mm (W) x 95 mm (H) x 325 mm (D)

Weight (without package) 2.0 kg

• Speaker

Magnetically shielded speaker system

Type

2-way type speaker system

5 cm Tweeter

10 cm Woofer

Maximum input power 30 W

Impedance 4 Ω

Dimensions 130 mm (W) x 211.5 mm (H) x 240 mm (D)

Weight 2.0 kg/each

• Accessories

Remote control 1

Video cable (1.5 m) 1

DAB/FM wire antenna 1

AAA batteries (R03) 2

Speaker wire 2

iPhone/iPad stand 1

Power cord

Warranty card

Operating instructions (This document)

Note

- The specifications are applicable when the power supply is 230 V.
- Specifications and the design are subject to possible modifications without notice, due to improvements.

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Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

Manufacturer:

PIONEER HOME ELECTRONICS CORPORATION

1-1, Shin-ogura, Saiwai-ku,
Kawasaki-shi, Kanagawa
212-0031, Japan

EU Representative's:

Pioneer Europe NV

Haven 1087, Keetberglaan 1,
9120 Melsele, Belgium
<http://www.pioneer.eu>

[*] X-HM32VD-K



English:

Hereby, Pioneer, declares that this [*] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Dansk:

Undertegnede Pioneer erklærer herved, at følgende udstyr [*] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF

Suomi:

Pioneer vakuuttaa täten että [*] tyypinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Deutsch:

Hiermit erklärt Pioneer, dass sich dieses [*] in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet". (BMW i)

Nederlands:

Hierbij verklaart Pioneer dat het toestel [*] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG

Ελληνικά:

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Pioneer ΔΗΛΩΝΕΙ ΟΤΙ [*] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ

Français:

Par la présente Pioneer déclare que l'appareil [*] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE

Italiano:

Con la presente Pioneer dichiara che questo [*] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Svenska:

Härmed intygar Pioneer att denna [*] står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Español:

Por medio de la presente Pioneer declara que el [*] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE

Português:

Pioneer declara que este [*] está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Čeština:

Pioneer tímto prohlašuje, že tento [*] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES

Eesti:

Käesolevaga kinnitab Pioneer seadme [*] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

Magyar:

Alulírott, Pioneer nyilatkozom, hogy a [*] megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Latviešu valoda:

Ar šo Pioneer deklarē, ka [*] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių kalba:

Šiuo Pioneer deklaruoja, kad šis [*] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Malti:

Hawnhekk, Pioneer jiddikjara li dan [*] jikkonforma mal-htiġġijiet essenzjali u ma provvedimenti oħrajn rilevanti li hemm fid-Direttiva 1999/5/EC

Slovenčina:

Pioneer týmto vyhlasuje, že [*] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Slovenščina:

Pioneer izjavlja, da je ta [*] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Română:

Prin prezenta, Pioneer declara ca acest [*] este in conformitate cu cerintele esentiale si alte prevederi ale Directivei 1999/5/EU.

Български:

С настоящето, Pioneer декларира, че този [*] отговаря на основните изисквания и други съответни постановления на Директива 1999/5/EC.

Polski:

Niniejszym Pioneer oświadcza, że [*] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC

Norsk:

Pioneer erklærer herved at utstyret [*] er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

Íslenska:

Hér með lýsir Pioneer yfir því að [*] er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC

Hrvatski:

Ovime tvrtka Pioneer izjavljue da je ovaj [*] u skladu osnovnim zahtjevima i ostalim odredbama Direktive 1999/5/EC.

<http://www.pioneer.co.uk>
<http://www.pioneer.eu>

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