

***Pioneer***

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**Operation Manual**

CD RDS RECEIVER

**DEH-6200BT**

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***English***

## Thank you for purchasing this PIONEER product.

To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe **WARNING**s and **CAUTION**s in this manual. *Please keep the manual in a safe and accessible place for future reference.*

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## Before You Start



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private households in the member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

For countries not mentioned above, please contact your local authorities for the correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health. 

### About this unit


The tuner frequencies on this unit are allocated for use in Western Europe, Asia, the Middle East, Africa and Oceania. Use in other areas may result in poor reception. The RDS (radio data system) function only operates in areas with broadcasting RDS signals for FM stations.



#### CAUTION

- Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, damage to this unit, smoke, and overheating could result from contact with liquids.
- "CLASS 1 LASER PRODUCT"


This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, but this product contains a laser diode higher than Class 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

- The Pioneer CarStereo-Pass is for use only in Germany.
- Always keep the volume low enough to hear outside sounds.
- Avoid exposure to moisture.
- If the battery is disconnected or discharged, any preset memory will be erased. 


### Operating environment

This unit should be used within the temperature ranges shown below.

Operating temperature range: -10 °C to +60 °C (14 °F to 140 °F)

EN300328 ETC test temperature: -20 °C and +55 °C (-4 °F and 131 °F) 

### In case of trouble

Should this product fail to operate properly, please contact your dealer or nearest authorized Pioneer Service Station. 

### Demo mode



#### Important

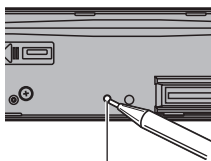
- Failure to connect the red lead (ACC) of this unit to a terminal coupled with ignition switch on/off operations may lead to battery drain.
- Remember that if the feature demo continues operating when the car engine is turned off, it may drain battery power.

The demo automatically starts when the ignition switch is set to ACC or ON while the unit is turned off. Turning off the unit does not cancel demo mode. To cancel the demo mode, press **➤/DISP/SCRL**. Press **➤/DISP/SCRL** again to start. Operating the demo while the ignition switch is set to ACC may drain battery power.

## Resetting the microprocessor

The microprocessor must be reset in the following situations:

- Before using this unit for the first time after installation
- If the unit fails to operate properly
- When strange or incorrect messages appear on the display



RESET button

- 1 Remove the front panel.
- 2 Press RESET with a pen tip or other pointed instrument.

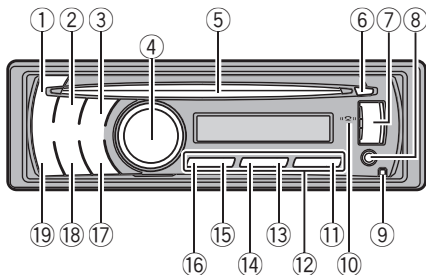
## About this manual

In the following instructions, USB memories and USB audio players are collectively referred to as "USB storage device."

In this manual, iPod and iPhone will be referred to as "iPod".

## Operating this unit

### Head unit



Part	Part
① SRC/OFF	⑪ 6/PAUSE
② PHONE/CONNECT	⑫ 1 to 6
③ 🔍 (list)	⑬ 4/S.Rtrv
④ MULTI-CONTROL (M.C.)	⑭ 3/↔
⑤ Disc loading slot	⑮ 2/⏏
⑥ ▲ (eject)	⑯ 1/iPod
⑦ USB port	⑰ ⏪/DISP/SCRL
⑧ AUX input jack (3.5 mm stereo jack)	⑱ TA/NEWS
⑨ Detach button	⑲ BAND/ESC
⑩ 📶 indicator	

- 📶 indicator

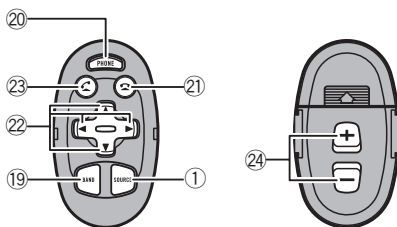
Lights up when your cellular phone is connected via Bluetooth wireless technology.

### ⚠ CAUTION

Use an optional Pioneer USB cable (CD-U50E) to connect the USB audio player/USB memory as any device connected directly to the unit will protrude out from the unit and may be dangerous. Do not use unauthorized products. ▣

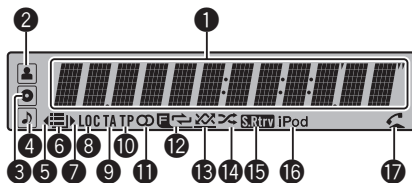
### Optional remote control

The remote control CD-SR110 is sold separately.

















Part	Operation
⑲	
⑳ PHONE	Press to display the phone menu. Press and hold to display the connection menu. While operating a phone, press to change the source.
㉑	While operating the phone, press to end a call or reject an incoming call.
㉒	Press to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.
㉓	Press to start talking on the phone while operating a phone.
㉔ VOLUME	Press to increase or decrease volume.

### Display indication



## Operating this unit

Indicator	State
1 Main display section	Tuner: band and frequency Built-in CD, USB storage device and iPod: elapsed playback time and text information When an SMS is received by the connected cellular phone, a message is displayed to notify you of the reception.
2  (artist)	The disc (track) artist name is displayed. Artist search refinement on the iPod browsing function is in use.
3  (disc)	The disc (album) name is displayed. Album search refinement on the iPod browsing function is in use.
4  (song)	The track (song) name is displayed. A playable audio file has been selected while operating the list. Song search refinement on the iPod browsing function is in use.
5 	An upper tier of folder or menu exists.
6  (list)	The list function is operated.
7 	A lower tier of folder or menu exists. It flashes when a song/album related to the song currently playing is selected from iPod.
8 <b>LOC</b>	The local seek tuning is on.
9 <b>TA</b>	TA (traffic announcement standby) function is on.
10 <b>TP</b>	A TP station is tuned in.
11  (stereo)	The selected frequency is being broadcasted in stereo.
12  (folder repeat)	Folder repeat is on. When repeat function is on, only  is displayed.
13  (folder random)	Folder random is on. When random function is on, only  is displayed.
14  (shuffle)	Shuffle or shuffle all function is on while the iPod source is being selected.

Indicator	State
15  (sound retriever)	The sound retriever function is on.
16 <b>iPod</b>	<b>CTRL</b> (control mode) is set to <b>iPod</b> .
17  (auto answer)	Shows when the automatic answering function is on.



## Basic Operations

### Important

- Handle gently when removing or attaching the front panel.
- Avoid subjecting the front panel to excessive shock.
- Keep the front panel out of direct sunlight and high temperatures.
- Remove any cables and devices attached to this unit before detaching the front panel to avoid damage to the device or vehicle interior.

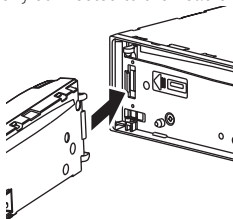
## Operating this unit

Removing the front panel to protect your unit from theft

- 1 Press the detach button to release the front panel.
- 2 Grab the front panel and remove.
- 3 Always keep the detached front panel in a protection device such as a protection case.

Re-attaching the front panel

- 1 Slide the front panel to the left until it clicks. Front panel and the head unit are connected on the left side. Make sure that the front panel has been properly connected to the head unit.



- 2 Press the right side of the front panel until it is firmly seated.  
If you can't attach the front panel to the head unit successfully, try again. However, forcing the front panel into place may result in damage.

Turning the unit on

- 1 Press **SRC/OFF** to turn the unit on.

Turning the unit off

- 1 Press **SRC/OFF** and hold until the unit turns off.


Selecting a source

- 1 Press **SRC/OFF** to cycle between:  
**TUNER** (tuner)—**CD** (built-in CD player)—**USB** (USB)/**USB-iPod** (iPod)—**AUX** (AUX)

Adjusting the volume

- 1 Turn **M.C.** to adjust volume.

### Note

When this unit's blue/white lead is connected to the vehicle's auto-antenna relay control terminal, the vehicle's antenna extends when this unit's source is turned on. To retract the antenna, turn the source off. 

## Using Bluetooth telephone

### Important

- Since this unit is on standby to connect with your cellular phone via Bluetooth wireless technology, using it without the engine running can drain the battery power.
- Operations may vary depending on the kind of cellular phone.
- Advanced operations that require attention such as dialing numbers on the monitor, using the phone book, etc., are prohibited while driving. Park your vehicle in a safe place when using these advanced operations.

## Setting up for hands-free phoning

Before you can use the hands-free phoning function you must set up the unit for use with your cellular phone.

- 1 Connection  
Operate the Bluetooth telephone connection menu. Refer to *Connection menu operation* on page 15.
- 2 Function settings  
Operate the Bluetooth telephone function menu. Refer to *Phone menu operation* on page 17.

## Basic Operations

Making a phone call  
1 Refer to *Phone menu operation* on page 17.

Answering an incoming call  
1 When a call is received, press **M.C.**  
• You can also perform this operation by pushing **M.C.**

Ending a call  
1 Press **PHONE/☎/CONNECT**.

Rejecting an incoming call  
1 When a call is received, press **PHONE/☎/CONNECT**.

Answering a call waiting  
1 When a call is received, press **M.C.**  
• You can also perform this operation by pushing **M.C.**

## Operating this unit

Switching between callers on hold

- 1 Press **M.C.**

Canceling call waiting

- 1 Press **PHONE/CONNECT**.

Adjusting the other party's listening volume

- 1 Push **M.C.** up or down while talking on the phone.

Turning private mode on and off.

- 1 Press **BAND/ESC** while talking on the phone.

Switching the information display

- 1 Press **DISP/SCRL** while talking on the phone.
- Press and hold **DISP/SCRL** to scroll.



### Notes

- If private mode is selected on the cellular phone, hands-free phoning may not be available.
- The estimated call time appears in the display (this may differ slightly from the actual call time).

## Menu operations identical for function settings/audio adjustments/initial settings/lists

Returning to the previous display

Returning to the previous list/category (the folder/category one level higher)

- 1 Press **DISP/SCRL**.

Returning to the main menu

Returning to the top tier of list/category

- 1 Press and hold **DISP/SCRL**.

Returning to the ordinary display

Canceling the initial setting menu

- 1 Press **BAND/ESC**.

Returning to the ordinary display from the list/category

- 1 Press **BAND/ESC**.



## Tuner

### Basic Operations

Selecting a band

- 1 Press **BAND/ESC** until the desired band (**FM-1**, **FM-2**, **FM-3** for FM or **MW/LW**) is displayed.

Manual tuning (step by step)

- 1 Push **M.C.** left or right.

Preset tuning

- 1 Push **M.C.** up or down.

Seeking

- 1 Push and hold **M.C.** left or right, and then release.  
You can cancel seek tuning by pushing **M.C.** left or right.  
While pushing and holding **M.C.** left or right, you can skip stations. Seek tuning starts as soon as you release **M.C.**



### Note

This unit's AF (alternative frequencies search) function can be turned on and off. AF should be off for normal tuning operation (refer to page 10).

### Using PI Seek

If the tuner cannot find a suitable station, or the reception status deteriorates, the unit automatically searches for a different station with the same programming. During the search, **PI seek** is displayed and sound is muted.

### Using Auto PI Seek for preset stations

When preset stations cannot be recalled, the unit can be set to perform PI Seek during preset recall.

- The default setting for Auto PI Seek is off. Refer to **Auto PI (auto PI seek)** on page 19.

### Storing and recalling stations

You can easily store up to six stations for each band as presets.



## Operating this unit

### Using preset tuning buttons

- 1 When you find a station that you want to store in memory, press one of the preset tuning buttons (1 to 6) and hold until the preset number stops flashing.
- 2 Press one of the preset tuning buttons (1 to 6) to select the desired station.

### Using the preset screen

- 1 Press **Q** to switch to the preset screen.
- 2 Use **M.C.** to store the selected frequency in the memory.  
Turn to change the preset number. Press and hold to store.
- 3 Use **M.C.** to select the desired station.  
Turn to change the station. Press to select.

## Displaying text information

RDS (radio data system) contains digital information that helps search for the radio stations.

### Selecting the desired text information

- 1 Press **DISP/SCRL**.  
Program service name—PTY information—Frequency



### Notes

- RDS (radio data system) contains digital information that helps search for the radio stations.
- PTY information and the frequency appear on the display for eight seconds.

## Advanced operations using special buttons

### Receiving traffic announcements

Regardless of the source you are listening to, you can receive traffic announcements automatically with TA (traffic announcement standby).

- 1 Tune in to a TP or enhanced other network's TP station.
- 2 Press **TA/NEWS** to turn traffic announcement standby on or off.
- 3 Use **M.C.** to adjust the TA volume when a traffic announcement begins.  
The newly set volume is stored in the memory and will be recalled for subsequent traffic announcements.
- 4 Press **TA/NEWS** while a traffic announcement is being received to cancel the announcement.  
The tuner returns to the original source but remains in the standby mode until **TA/NEWS** is pressed again.

### Using news program interruption

When a news program is broadcast from a PTY code news station, the unit automatically switches to the news broadcast station. When the news program ends, reception of the previous program resumes.

- 1 Press **TA/NEWS** and hold to turn on or off news program interruption.  
A news program can be canceled by pressing **TA/NEWS**.

## Function settings

- 1 Press **M.C.** to display the main menu.
- 2 Turn **M.C.** to change the menu option and press to select **FUNCTION**.
- 3 Turn **M.C.** to select the function.

After selecting, perform the following procedures to set the function.

### BSM (best stations memory)

BSM (best stations memory) automatically stores the six strongest stations in the order of their signal strength.

- 1 Press **M.C.** to turn BSM on.  
To cancel, press **M.C.** again.

### Regional (regional)

## Operating this unit

When AF is used, the regional function limits the selection of stations to those broadcasting regional programs.

- Press **M.C.** to turn the regional function on or off.

### Local (local seek tuning)

Local seek tuning lets you tune in to only those radio stations with sufficiently strong signals for good reception.

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the desired setting.  
FM: **Local OFF—Level 1—Level 2—Level 3—Level 4**

MW/LW: **Local OFF—Level 1—Level 2**

The larger the setting number, the higher the signal level. The highest level setting allows reception of only the strongest stations; while lower settings let you receive progressively weaker stations.

- Press **M.C.** to confirm the selection.

### PTY search (program type selection)

You can tune in to a station using PTY (program type) information.

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the desired setting.  
**News/Info—Popular—Classics—Others**
- Press **M.C.** to begin the search.

The unit searches for a station broadcasting that type of program. When a station is found, its program service name is displayed.

PTY (program type ID code) information is listed in the following section. Refer to this page.

The program of some stations may differ from that indicated by the transmitted PTY.

If no station is broadcasting the type of program you searched for, **NOT FOUND** is displayed for about two seconds and then the tuner returns to the original station.

### Traffic (traffic announcement standby)

- Press **M.C.** to turn traffic announcement standby on or off.

### AF (alternative frequencies search)

When the tuner cannot get a good reception, the unit automatically searches for a different station in the same network.

- Press **M.C.** to turn AF on or off.

### News (news program interruption)

- Press **M.C.** to turn the NEWS function on or off.



### Notes

- If MW/LW band is selected, only **BSM** or **Local** is available.
- Operation is complete even if the menu is cancelled before being confirmed.

## PTY list

### News/Info

**News** (News), **Affairs** (Current affairs), **Info** (Information), **Sport** (Sports), **Weather** (Weather), **Finance** (Finance)

### Popular

**Pop Mus** (Popular music), **Rock Mus** (Rock music), **Easy Mus** (Easy listening), **Oth Mus** (Other music), **Jazz** (Jazz), **Country** (Country music), **Nat Mus** (National music), **Oldies** (Oldies music), **Folk mus** (Folk music)

### Classics

**L. Class** (Light classical), **Classical** (Classical)

### Others

**Educate** (Education), **Drama** (Drama), **Culture** (Culture), **Science** (Science), **Varied** (Varied), **Children** (Children's), **Social** (Social affairs), **Religion** (Religion), **Phone In** (Phone in), **Touring** (Travel), **Leisure** (Leisure), **Document** (Documentaries)



## Operating this unit

### CD/CD-R/CD-RW and USB storage devices

#### Basic Operations

Playing a CD/CD-R/CD-RW
<ol style="list-style-type: none"> <li>1 Insert the disc into the disc loading slot with the label side up.</li> <li>1 If a disc has already been inserted, press <b>SRC/OFF</b> to select the built-in CD player.</li> </ol>
Ejecting a CD/CD-R/CD-RW
<ol style="list-style-type: none"> <li>1 Press <b>▲</b> (eject).</li> </ol>
Playing songs on a USB storage device
<ol style="list-style-type: none"> <li>1 Open the USB connector cover.</li> <li>2 Plug in the USB storage device using a USB cable.</li> </ol>
Stopping playback of files on a USB storage device
<ol style="list-style-type: none"> <li>1 You may disconnect the USB storage device at anytime.</li> </ol>
Selecting a folder
<ol style="list-style-type: none"> <li>1 Push <b>M.C.</b> up or down.</li> </ol>
Selecting a track
<ol style="list-style-type: none"> <li>1 Push <b>M.C.</b> left or right.</li> </ol>
Fast forwarding or reversing
<ol style="list-style-type: none"> <li>1 Push and hold <b>M.C.</b> left or right.</li> </ol>
Returning to root folder
<ol style="list-style-type: none"> <li>1 Press and hold <b>BAND/ESC.</b></li> </ol>
Switching between compressed audio and CD-DA
<ol style="list-style-type: none"> <li>1 Press <b>BAND/ESC.</b></li> </ol>

#### Notes

- When playing compressed audio, there is no sound during fast forward or reverse.
- USB storage device that can be charged via USB will be recharged when plugged in and the ignition switch is set to ACC or ON.
- Disconnect USB storage devices from the unit when not in use.
- If plug and play is on and a USB storage device is present, depending on the type of device, the source may switch to **USB** automatically when you turn on the engine. Please change plug and play setting as neces-

sary. Refer to **USB PnP** (*plug and play*) on page 20.

#### Displaying text information

Selecting the desired text information

- 1 Press **↵/DISP/SCRL.**
  - CD TEXT discs:** Track number and play time—disc title—disc artist name—track title—track artist name
  - WMA/MP3/AAC:** Play time—folder name—file name—track title—artist name—album title—genre—comment—bit rate—folder and track numbers
  - WAV:** Play time—folder name—file name—track title—artist name—album title—genre—comment—sampling frequency—folder and track numbers

Scrolling the text information to the left

- 1 Press and hold **↵/DISP/SCRL.**

#### Notes

- Incompatible text stored with the audio file may not be displayed or may be displayed incorrectly.
- Depending on the version of iTunes used to write MP3/AAC files onto a disc, comment information may be incorrectly displayed.
- When Windows Media Player 11 is used to encode the WAV files, text information can be displayed.
- When playing back VBR (variable bit rate)-recorded WMA files, the average bit rate value is displayed.
- When playing back VBR (variable bit rate)-recorded MP3 files, **VBR** is displayed instead of bit rate value.
- When playing back VBR (variable bit rate)-recorded AAC files, the average bit rate value is displayed. However, depending on the software used to decode AAC files, **VBR** may be displayed.

## Selecting and playing files/tracks from the name list

1 Press **Q** to switch to the file/track name list mode.

2 Use **M.C.** to select the desired file name (or folder name).

Changing track, file or folder name
① Turn <b>M.C.</b>
Playing
① When a file or track is selected, press <b>M.C.</b>
Viewing a list of the files (or folders) in the selected folder
① When a folder is selected, press <b>M.C.</b>
Playing a song in the selected folder
① When a folder is selected, press and hold <b>M.C.</b>



### Note

Track title list will display the list of track titles on a CD TEXT disc.

## Advanced operations using special buttons

Selecting a repeat play range
① Press <b>3/↔</b> to cycle between the following:
<b>CD/CD-R/CD-RW</b>
<ul style="list-style-type: none"> <li>• <b>Disc</b> – Repeat all tracks</li> <li>• <b>Track</b> – Repeat the current track</li> <li>• <b>Folder</b> – Repeat the current folder</li> </ul>
<b>USB storage device</b>
<ul style="list-style-type: none"> <li>• <b>All</b> – Repeat all files</li> <li>• <b>Track</b> – Repeat the current file</li> <li>• <b>Folder</b> – Repeat the current folder</li> </ul>
Playing tracks in random order
① Press <b>2/⌘</b> to turn random play on or off.
Tracks in a selected repeat range are played in random order.

Pausing playback

① Press **6/PAUSE** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever)

① Press **4/S.Rtrv** to cycle between:

**OFF** (off)—**1—2**

**1** is effective for low compression rates, and **2** is effective for high compression rates.

## Function settings

1 Press **M.C.** to display the main menu.

2 Turn **M.C.** to change the menu option and press to select **FUNCTION**.

3 Turn **M.C.** to select the function.

After selecting, perform the following procedures to set the function.

### Repeat (repeat play)

① Press **M.C.** to display the setting mode.

② Turn **M.C.** to select a repeat play range.

For details, refer to *Selecting a repeat play range* on this page.

③ Press **M.C.** to confirm the selection.

### Random (random play)

① Press **M.C.** to turn random play on or off.

### Pause (pause)

① Press **M.C.** to pause or resume.

### S.Rtrv (sound retriever)

Automatically enhances compressed audio and restores rich sound.

① Press **M.C.** to display the setting mode.


② Turn **M.C.** to select the desired setting.

For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on this page.

③ Press **M.C.** to confirm the selection.

## Operating this unit

### Note

Operation is complete even if the menu is cancelled before being confirmed. 

## iPod

### Basic Operations

Playing songs on an iPod <ol style="list-style-type: none"> <li>1 Open the USB connector cover.</li> <li>2 Connect an iPod to the USB cable using an iPod Dock Connector.</li> </ol>
Selecting a track (chapter) <ol style="list-style-type: none"> <li>1 Push <b>M.C.</b> left or right.</li> </ol>
Fast forwarding or reversing <ol style="list-style-type: none"> <li>1 Push and hold <b>M.C.</b> left or right.</li> </ol>

### Notes

- If the ignition switch is set to ACC or ON, the iPod battery will be charged while connected.
- While the iPod is connected to this unit, the iPod cannot be turned on or off unless the control mode is set to **iPod**.
- Disconnect headphones from the iPod before connecting to this unit.
- The iPod will turn off about two minutes after the ignition switch is set to OFF.

### Displaying text information

Selecting the desired text information <ol style="list-style-type: none"> <li>1 Press <b>➡/DISP/SCRL.</b> Play time—song title—artist name—album title—number of songs</li> </ol>
Scrolling the text information to the left <ol style="list-style-type: none"> <li>1 Press and hold <b>➡/DISP/SCRL.</b></li> </ol>

### Note

Incompatible text saved on the iPod will not be displayed by the unit.

### Browsing for a song

- 1 Press **🔍** to switch to the top menu of the list search.
- 2 Use **M.C.** to select a category/song.


Changing the name of song or category <ol style="list-style-type: none"> <li>1 Turn <b>M.C.</b> Playlists—artists—albums—songs—podcasts—genres—composers—audiobooks</li> </ol>
Playing <ol style="list-style-type: none"> <li>1 When a song is selected, press <b>M.C.</b></li> </ol>
Seeing a list of songs in the selected category <ol style="list-style-type: none"> <li>1 When a category is selected, press <b>M.C.</b></li> </ol>
Playing a song in the selected category <ol style="list-style-type: none"> <li>1 When a category is selected, press and hold <b>M.C.</b></li> </ol>
Searching the list by alphabet <ol style="list-style-type: none"> <li>1 When a list for the selected category is displayed, press <b>🔍</b> to switch to alphabet search mode.</li> <li>2 Turn <b>M.C.</b> to select a letter.</li> <li>3 Press <b>M.C.</b> to display the alphabetical list. If alphabet search is aborted, <b>NOT FOUND</b> is displayed.</li> </ol>

### Note


Depending on the number of files in the iPod, there may be a delay when displaying a list.

## Advanced operations using special buttons

Selecting a repeat play range

- 1 Press **3**/ to cycle between the following:
- **One** – Repeat the current song
  - **All** – Repeat all songs in the selected list

Playing all songs in random order (shuffle all)

- 1 Press **2**/ to turn shuffle all on.

Pausing playback

Refer to *Pausing playback* on page 12.

Playing songs related to the currently playing song  
You can play songs from the following lists.

- Album list of the currently playing artist
- Song list of the currently playing album
- Album list of the currently playing genre

- 1 Press and hold **M.C.** to switch to the link play mode.
- 2 Turn **M.C.** to change the mode; press to select.
- **Artist** – Plays an album of the artist currently being played.
  - **Album** – Plays a song from the album currently being played.
  - **Genre** – Plays an album from the genre currently being played.

The selected song/album will be played after the currently playing song.

The selected song/album may be canceled if you operate functions other than link search (e.g. fast forward and rewind).

If no related albums/songs are found, **NOT FOUND** is displayed.

Depending on the song selected to play, the end of the currently playing song and the beginning of the selected song/album may be cut off.

Operating this unit's iPod function from your iPod  
This function is not compatible with the following iPod models.

- iPod nano 1st generation
- iPod 5th generation

This unit's iPod function allows you to conduct operations from your iPod and listen to it using your car's speakers.

- 1 Press **1/iPod** to switch the control mode.
- **iPod** – This unit's iPod function can be operated from the connected iPod.
  - **Audio** – This unit's iPod function can be operated from this unit.

Enhancing compressed audio and restoring rich sound (sound retriever)

Refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on page 12.

## Function settings

**1 Press M.C. to display the main menu.**

**2 Turn M.C. to change the menu option and press to select FUNCTION.**

**3 Turn M.C. to select the function.**

After selecting, perform the following procedures to set the function.

### Repeat (repeat play)

- Refer to **Repeat** (*repeat play*) on page 12.  
However the repeat range is different from CD/external storage device. Refer to *Selecting a repeat play range* on this page.

### Shuffle (shuffle)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select your favorite setting.
- **Songs** – Play back songs in the selected list in random order.
  - **Albums** – Play back songs from a randomly selected album in order.
  - **OFF** – Cancel random play.
- 3 Press **M.C.** to confirm the selection.

### Shuffle all (shuffle all)

## Operating this unit

- Press **M.C.** to turn shuffle all on.  
To turn off, set **Shuffle** in the **FUNCTION** menu to off.

### Link play (link play)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to change the mode; press to select.  
For details about the settings, refer to *Playing songs related to the currently playing song* on the previous page.

### CTRL (control mode)

- 1 Press **M.C.** to select your favorite setting.  
For details about the settings, refer to *Operating this unit's iPod function from your iPod* on the previous page.

### PAUSE (pause)

- Refer to **Pause** (*pause*) on page 12.

### Audiobooks (audiobook speed)

The playback speed of audiobook can be changed.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select your favorite setting.
  - **Faster** – Playback at a speed faster than normal
  - **Normal** – Playback at normal speed
  - **Slower** – Playback at a speed slower than normal
- 3 Press **M.C.** to confirm the selection.

### S.Rtrv (sound retriever)

- Refer to **S.Rtrv** (*sound retriever*) on page 12.



### Notes

- Operation is complete even if the menu is cancelled before being confirmed.
- Switching the control mode to **iPod** pauses song playback. Operate the iPod to resume playback.
- The following functions are still accessible from the unit even if the control mode is set to **iPod**.
  - Volume
  - Fast forward/reverse
  - Track up/down

- Pausing
- Switching the text information
- When the control mode is set to **iPod**, operations are limited as follows:
  - Only **CTRL** (control mode), **PAUSE** (pause) and **S.Rtrv** (sound retriever) functions are available.
  - The browse function cannot be operated from this unit.

## Bluetooth Telephone Connection menu operation



### Important

Be sure to park your vehicle and apply the parking brake when performing this operation.

### 1 Press and hold **PHONE**//**CONNECT** to display the connection menu.

- You cannot operate this step during a call.

### 2 Turn **M.C.** to select the function.

After selecting, perform the following procedures to set the function.

#### Device list (connecting or disconnecting a cellular phone from the device list)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the name of a device you want to connect/disconnect.
- 3 Press **M.C.** to connect/disconnect the selected cellular phone.  
If the connection is established, \* is indicated on the device name.

#### Delete device (deleting a cellular phone from the device list)

## Operating this unit

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the name of a device you want to delete.
  - Press and hold **M.C.** to switch the BD address and device name.
- 3 Press **M.C.** to display **Delete YES**.
- 4 Press **M.C.** to delete a cellular phone information from the device list.
  - While this function is in use, do not turn off the engine.

### Add device (connecting a new cellular phone)

- 1 Press **M.C.** to start searching.
  - To cancel, press **M.C.** while searching.
- 2 Turn **M.C.** to select a device from the device list.
  - If the desired device is not displayed, select **Search again**.
- 3 Press and hold **M.C.** to switch the BD address and device name.
- 4 Press **M.C.** to connect the selected cellular phone.
  - To complete the connection, check the device name (**DEH-6200BT**) and enter the link code on your cellular phone.
  - PIN code is set to **0000** as the default. You can change this code. Refer to **PIN code** (*PIN code input*) on the previous page.
  - If five devices are already paired, **Memory full** is displayed and it is not possible to perform this operation. In this case, delete a paired device first.

### SPCL. Device (setting a special device)

Bluetooth devices that are difficult to establish a connection with are called special devices. If your Bluetooth device is listed as a special device, select the appropriate one.

- 1 Press **M.C.** to display the setting mode.
- 2 Use **M.C.** to select a special device.
  - Turn to change the menu option. Press to select.
    - If five devices are already paired, **Memory full** is displayed and it is not possible to perform this operation. In this case, delete a paired device first.
- 3 Turn **M.C.** to display this unit's device name, BD address and pincode.
- 4 Use a cellular phone to connect to this unit.
  - To complete the connection, check the device name (**DEH-6200BT**) and enter the link code on your cellular phone.
  - PIN code is set to **0000** as the default. You can change this code. Refer to **PIN code** (*PIN code input*) on the previous page.

### Auto CONN (connecting to a Bluetooth device automatically)

- 1 Press **M.C.** to turn automatic connection on or off.

### Visible (setting the visibility of this unit)

To check the availability of this unit from other devices, Bluetooth visibility of this unit can be turned on.

- 1 Press **M.C.** to turn the visibility of this unit on or off.
  - While setting **SPCL. Device**, Bluetooth visibility of this unit is turned on temporarily.

### PIN code (PIN code input)

To connect your cellular phone to this unit via Bluetooth wireless technology, you need to enter a PIN code on your phone to verify the connection. The default code is **0000**, but you can change it with this function.

- 1 Press **M.C.** to display the setting mode.
- 2 Push **M.C.** up or down to select a number.
- 3 Push **M.C.** right to move the cursor to the next position.
- 4 After inputting PIN code, press and hold **M.C.**
  - PIN code can be stored in memory.
  - After inputting 8 digits PIN code, push **M.C.** right to store in memory.
  - After inputting, pushing **M.C.** right or pressing **M.C.** returns you to the PIN code input display, and you can change the PIN code.



## Operating this unit

### Device INFO (BD (Bluetooth device) address display)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to switch to the BD address and the device name.

## Phone menu operation

### Important

Be sure to park your vehicle and apply the parking brake when performing this operation.

#### 1 Press **PHONE**//**CONNECT** to display the phone menu.

#### 2 Turn **M.C.** to select the function.

After selecting, perform the following procedures to set the function.

**Missed Calls** (missed call history)

**DialledCalls** (dialed call history)

**REC'D Calls** (received call history)

- 1 Press **M.C.** to display **Missed Calls** (missed call history), **DialledCalls** (dialed call history) or **REC'D Calls** (received call history).
- 2 Turn **M.C.** to select a name or phone number.
- 3 Press **M.C.** to make a call.
- 4 When you find a phone number that you want to store in memory, press and hold one of the preset tuning buttons (**1** to **6**).
  - Press one of preset buttons **1** to **6** to recall the desired preset number.

**Phone book** (phone book)

- The phone book in your cellular phone will be transferred automatically when the phone is connected to this unit.
  - Depending on the cellular phone, the phone book may not be transferred automatically. In this case, operate your cellular phone to transfer the phone book. The visibility of this unit should be on. Refer to **Visible** (*setting the visibility of this unit*) on the previous page.
- 1 Press **M.C.** to display **ALPH SRCH** (alphabetical list).
  - 2 Turn **M.C.** to select the first letter of the name you are looking for.
    - Press and hold **M.C.** to select the desired character type.  
**TOP** (alphabet)–**ΟΑΑ** (Greek alphabet)–**BCE** (Cyrillic alphabet)
  - 3 Press **M.C.** to display a registered name list.
  - 4 Turn **M.C.** to select the name you are looking for.
  - 5 Press **M.C.** to display the phone number list.
  - 6 Turn **M.C.** to select a phone number you want to call.
    - When you find a phone number that you want to store in memory, press and hold one of the preset tuning buttons (**1** to **6**).
    - Press one of preset buttons **1** to **6** to recall the desired preset number.
  - 7 Press **M.C.** to make a call.

### Dial preset (preset phone numbers)

- 1 Press **M.C.** to display the setting mode.
- 2 Use **M.C.** to select the desired preset number. Turn to change the preset number. Press to select.
  - You can also press one of the preset number buttons **1** to **6** to select a number.
- 3 Press **M.C.** to make a call.

### Phone FUNC (phone function)

You can set **Auto ANSR** and **Ring tone** from this menu. For details, refer to *Function and operation* on this page.

## Function and operation

### 1 Display Phone FUNC.

Refer to **Phone FUNC** (*phone function*) on this page.

## 2 Press M.C. to display the function menu.

## 3 Turn M.C. to select the function.

After selecting, perform the following procedures to set the function.

### Auto ANSR (automatic answering)

- 1 Press **M.C.** to turn automatic answering on or off.

### Ring tone (ring tone select)

- 1 Press **M.C.** to turn the ring tone on or off.



# Audio Adjustments

## 1 Press M.C. to display the main menu.

## 2 Turn M.C. to change the menu option and press to select AUDIO.

## 3 Turn M.C. to select the audio function.

After selecting, perform the following procedures to set the audio function.

### FAD/BAL (fader/balance adjustment)

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to cycle between fader and balance.
- 3 Turn **M.C.** to adjust the speaker balance.  
Adjustment range (front/rear): **F-F15** to **F-R15**  
Adjustment range (left/right): **B-L15** to **B-R15**
  - Select **F-0** when only using two speakers.
  - When the rear output setting and preout setting are **SUBW**, you cannot adjust front/rear speaker balance.

### Preset EQ (equalizer recall)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select an equalizer curve.  
**Powerful—Natural—Vocal—Custom1—Custom2—Flat—Super bass**
  - When **Flat** is selected no adjustments are made to the sound.
- 3 Press **M.C.** to confirm the selection.

### Graphic EQ (equalizer adjustment)

You can adjust the currently selected equalizer curve setting as desired. Adjusted equalizer curve settings are stored in **Custom1** or **Custom2**.

- A separate **Custom1** curve can be created for each source. If you make adjustments when a curve other than **Custom2** is selected, the equalizer curve settings will be stored in **Custom1**.
- A **Custom2** curve that is common for all sources can be created. If you make adjustments when the **Custom2** curve is selected, the **Custom2** curve will be updated.

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to cycle between equalizer band and level.
- 3 Press **M.C.** to switch to equalizer band and then turn **M.C.** to select.  
**100Hz—315Hz—1.25kHz—3.15kHz—8kHz**
- 4 Press **M.C.** to switch to level and then turn **M.C.** to adjust.  
Adjustment range: **+6** to **-6**

### Loudness (loudness)

Loudness compensates for deficiencies in the low- and high-frequency ranges at low volume.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.  
**OFF** (off)—**Low** (low)—**Mid** (mid)—**High** (high)
- 3 Press **M.C.** to confirm the selection.

### SW setting 1 (subwoofer on/off setting)

This unit is equipped with a subwoofer output which can be turned on or off.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.  
**Normal** (normal phase)—**Reverse** (reverse phase)—**OFF** (subwoofer off)
- 3 Press **M.C.** to confirm the selection.

### SW setting 2 (subwoofer adjustment)

## Operating this unit

The cut-off frequency and output level can be adjusted when the subwoofer output is on. Only frequencies lower than those in the selected range are outputted from the subwoofer.

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to cycle between cut-off frequency and output level of subwoofer.
- 3 Press **M.C.** to switch to cut-off frequency and then turn **M.C.** to select cut-off frequency.  
**50Hz—63Hz—80Hz—100Hz—125Hz**
- 4 Press **M.C.** to switch to output level and then turn **M.C.** to adjust output level.  
Adjustment range: **+6 to -24**

### HPF setting (high pass filter adjustment)

When you do not want low sounds from the subwoofer output frequency range to play from the front or rear speakers, turn on the HPF (high pass filter). Only frequencies higher than those in the selected range are output from the front or rear speakers.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the cut-off frequency.  
**OFF (off)—50Hz—63Hz—80Hz—100Hz—125Hz**
- 3 Press **M.C.** to confirm the selection.

### Bass booster (bass boost)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to adjust the level.  
Adjustment range: **0 to +6**
- 3 Press **M.C.** to confirm the selection.


### SLA (source level adjustment)

**SLA** (Source Level Adjustment) lets you adjust the volume level of each source to prevent radical changes in volume when switching between sources.

- When selecting FM as the source, you cannot switch to **SLA**.
  - Settings are based on the FM volume level, which remains unchanged.  
Before adjusting source levels, compare the FM volume level with the level of the source you wish to adjust.
  - The MW/LW volume level can also be adjusted with this function.
- 1 Press **M.C.** to display the setting mode.
  - 2 Turn **M.C.** to adjust the source volume.  
Adjustment range: **+4 to -4**
  - 3 Press **M.C.** to confirm the selection.



### Note

Operation is complete even if the menu is cancelled before being confirmed. 

## Initial Settings



### Important

Power save mode is cancelled if the vehicle battery is disconnected and will need to be turned back on once the battery is reconnected. When power save is off, depending on connection methods, the unit may continue to draw power from the battery if your vehicle's ignition switch doesn't have an ACC (accessory position).

**1 Press SRC/OFF and hold until the unit turns off.**

**2 Press SRC/OFF and hold until the initial setting menu appears in the display.**

**3 Turn M.C. to select the initial setting.**

After selecting, perform the following procedures to set the initial setting.

### Language (multi language)

Menu language related to Bluetooth telephone can be changed.

- Some characters may not be displayed properly.
- 1 Press **M.C.** to display the setting mode.
  - 2 Turn **M.C.** to select the language.  
**English—РУССКИЙ—ESPAÑOL**

### FM step (FM tuning step)

Normally, the FM tuning step employed by seek tuning is 50 kHz. When AF or TA is on, the tuning step automatically changes to 100 kHz. It may be preferable to set the tuning step to 50 kHz when AF is on.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the FM tuning step.  
**50kHz (50 kHz)—100kHz (100 kHz)**
- 3 Press **M.C.** to confirm the selection.

### Auto PI (auto PI seek)

## Operating this unit

The unit can automatically search for a different station with the same programming, even during preset recall.

- 1 Press **M.C.** to turn Auto PI seek on or off.

### Warning (warning tone setting)

If the front panel is not detached from the head unit within four seconds of turning off the ignition, a warning tone sounds. You can turn off the warning tone.

- 1 Press **M.C.** to turn the warning tone on or off.

### AUX (auxiliary input)

Activate this setting when using an auxiliary device connected to this unit.

- 1 Press **M.C.** to turn auxiliary setting on or off.

### USB PnP (plug and play)

This setting allows you to switch your source to **USB/USB-iPod** automatically.

- 1 Press **M.C.** to turn the plug and play on or off.
  - **ON** – When USB storage device/iPod is connected, the source is automatically switched to **USB/USB-iPod**. If you disconnect your USB storage device/iPod, this unit's source is turned off.
  - **OFF** – When USB storage device/iPod is connected, the source is not switched to **USB/USB-iPod** automatically. Please change the source to **USB/USB-iPod** manually.

### Brightness (display brightness setting)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to switch the brightness setting. **High** (high)—**Low** (low)
- 3 Press **M.C.** to confirm the selection.

### SW control (rear output and subwoofer setting)

The rear speaker leads output (**Rear SP:**) and RCA output (**Preout:**) of this unit can be used for full-range speaker (**Rear SP: Full/Preout: Rear**) or subwoofer (**Rear SP: SUBW/Preout: SUBW**) connection. If you switch to **Rear SP: SUBW**, you can connect a rear speaker lead directly to a subwoofer without using an auxiliary amp.

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to cycle between as following: **Rear SP:/Preout:—Full (SUBW)/SUBW(Rear)**
- 3 Turn **M.C.** to change the setting.

### Rear SP: Full—SUBW Preout: SUBW—Rear

- Even if you change this setting, there is no output unless you turn the subwoofer output on (refer to **SW setting 1** (*subwoofer on/off setting*) on page 18).
- If you change this setting, subwoofer output in the audio menu will return to the factory settings.

### DEMO (demo display setting)

- 1 Press **M.C.** to turn the demo display on or off.
  - You can also turn on or off feature demo by pressing **DISP/SCRL** while this unit is turned off. For more details, refer to *Demo mode* on page 3.

### Ever SCRL (scroll mode setting)

When Ever Scroll is set to ON, recorded text information scrolls continuously in the display. Set to OFF if you prefer the information to scroll just once.

- 1 Press **M.C.** to turn the ever scroll on or off.

### PowerSave (power save)

Switching this function on enables you to reduce the consumption of battery power. Turning on the source is the only operation allowed when this function is on.

- When this function is on, operations are limited as follows:
    - Disc cannot be ejected after this unit is turned off.
    - This unit's phone function cannot be operated after this unit is turned off.
    - Demonstration is turned off.
- 1 Press **M.C.** to turn the power save on or off.

### BT clear (resetting the Bluetooth wireless technology module)

## Operating this unit

Bluetooth telephone data can be deleted. To protect personal information, we recommend deleting this data before transferring the unit to other persons. The following settings will be deleted.

- phone book entries on the Bluetooth telephone
- preset numbers on the Bluetooth telephone
- registration assignment of the Bluetooth telephone
- call history of the Bluetooth telephone
- information of the connected Bluetooth telephone

① Press **M.C.** to show the confirmation display.

**YES** is displayed. Clearing memory is now on standby.

If you do not want to reset phone memory, push **M.C.** left. The display reverts.

② Press **M.C.** to clear the memory.

**Cleared** is displayed and the settings are deleted.

- While this function is in use, do not turn off the engine.

### BT VER INFO (Bluetooth version display)

You can display the system versions of Bluetooth module.

① Press **M.C.** to display the information.

### S/W update (updating the software)

This function is used to update this unit with the latest software. For information on the software and updating, refer to our website.

- Never turn the unit off while the software is being updated.

① Press **M.C.** to display the data transfer mode.

Follow the on-screen instructions to finish updating the software.



### Note

AUX cannot be selected unless the auxiliary setting is turned on. For more details, refer to **AUX (auxiliary input)** on the previous page.

## Other Functions

### Using an AUX source

**1 Insert the stereo mini plug into the AUX input jack.**

**2 Press SRC/OFF to select AUX as the source.**

## Additional Information

### Troubleshooting

#### General

Symptom	Cause	Action (Reference page)
The display automatically returns to the ordinary display.	You did not perform any operation within about 30 seconds.	Perform operation again.
The repeat play range changes unexpectedly.	Depending on the repeat play range, the selected range may change when selecting another folder or track, or when fast forwarding/reversing.	Select the repeat play range again.
A subfolder is not played back.	Subfolders cannot be played when <b>Folder</b> (folder repeat) is selected.	Select another repeat play range.
<b>NO XXXX</b> appears when a display is changed ( <b>NO TRACK TTL</b> , for example).	There is no text information embedded.	Switch the display or play another track/file.
The display is illuminated when the unit is turned off.	Demo mode is on.	Press <b>DISP/SCRL</b> to cancel demo mode.
The unit is malfunctioning. There is interference.	You are using a device, such as a cellular phone, that transmits electromagnetic waves near the unit.	Move electrical devices that may be causing the interference away from the unit.



### Error messages

When you contact your dealer or your nearest Pioneer Service Center, be sure to note the error message.

#### Built-in CD Player

Message	Cause	Action
<b>ERROR-11, 12, 17, 30</b>	The disc is dirty.	Clean the disc.
	The disc is scratched.	Replace the disc.
<b>ERROR-10, 11, 12, 15, 17, 30, A0</b>	There is an electrical or mechanical error.	Turn the ignition switch OFF and back ON, or switch to a different source, then back to the CD player.
<b>ERROR-15</b>	The inserted disc is blank	Replace the disc.
<b>ERROR-22, 23</b>	Unsupported CD format	Replace the disc.
<b>Format Read</b>	Sometimes there is a delay between the start of playback and when you start to hear any sound.	Wait until the message disappears and you hear sound.
<b>NO AUDIO</b>	The inserted disc does not contain any playable files.	Replace the disc.
<b>SKIPPED</b>	The inserted disc contains DRM protected WMA files.	Replace the disc.
<b>PROTECT</b>	All the files on the inserted disc are embedded with DRM.	Replace the disc.

#### USB storage device

Message	Cause	Action
<b>NO DEVICE</b>	When plug and play is off, no USB storage device is connected.	<ul style="list-style-type: none"> <li>• Turn the plug and play on.</li> <li>• Connect a compatible USB storage device.</li> </ul>

## Additional Information

Message	Cause	Action
<b>Format Read</b>	Sometimes there is a delay between the start of playback and when you start to hear any sound.	Wait until the message disappears and you hear sound.
<b>NO AUDIO</b>	There are no songs.	Transfer the audio files to the USB storage device and connect.
	The connected USB storage device has security enabled	Follow the USB storage device instructions to disable the security.
<b>SKIPPED</b>	The connected USB storage device contains WMA files embedded with Windows Media™ DRM 9/10	Play an audio file not embedded with Windows Media DRM 9/10.
<b>PROTECT</b>	All the files in the USB storage device are embedded with Windows Media DRM 9/10	Transfer audio files not embedded with Windows Media DRM 9/10 to the USB storage device and connect.
<b>CHECK USB</b>	The USB connector or USB cable has short-circuited.	Check that the USB connector or USB cable is not caught in something or damaged.
	The connected USB storage device consumes more than 500 mA (maximum allowable current).	Disconnect the USB storage device and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect only compliant USB storage devices.
<b>N/A USB</b>	Not compatible USB device	Disconnect your device and replace it with a compatible USB storage device.

Message	Cause	Action
<b>ERROR-19</b>	Communication failed.	Perform one of the following operations. –Turn the ignition switch OFF and back ON. –Disconnect or eject the external storage device. –Change to a different source. Then, return to the USB or SD source.
<b>ERROR-23</b>	USB storage device is not formatted with FAT12, FAT16 or FAT32	USB storage device should be formatted with FAT12, FAT16 or FAT32.

iPod		
Message	Cause	Action
<b>NO DEVICE</b>	When plug and play is off, no USB storage device or iPod is connected.	<ul style="list-style-type: none"> <li>• Turn the plug and play on.</li> <li>• Connect a compatible iPod.</li> </ul>
<b>Format Read</b>	Sometimes there is a delay between the start of playback and when you start to hear any sound.	Wait until the message disappears and you hear sound.
<b>ERROR-19</b>	Communication failed.	Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.
	iPod failure	Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.

## Additional Information

Message	Cause	Action
<b>ERROR-16</b>	The iPod firm-ware versions are old.	Update the iPod version.
	iPod failure	Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.
<b>N/A USB</b>	Non-compatible iPod	Disconnect your device and replace it with a compatible iPod.
<b>CHECK USB</b>	The iPod operates correctly but does not charge	Make sure the connection cable for the iPod has not shorted out (e.g., not caught in metal objects). After checking, turn the ignition switch OFF and back ON or disconnect the iPod and reconnect.
<b>STOP</b>	There are no songs.	Transfer songs to the iPod.
	There are no songs in the current list.	Select a list that contains songs.

### Bluetooth Telephone

Message	Cause	Action
<b>ERROR-10</b>	The power failed for the Bluetooth module of this unit.	Turn the ignition switch OFF and then to ACC or ON. If the error message is still displayed after performing the above action, please contact your dealer or an authorized Pioneer Service Station.



## Handling guideline

### Discs and player

Use only discs featuring either of following two logos.



Use 12-cm disc. Do not use 8-cm disc or an adapter for 8-cm disc.

Use only conventional, fully circular discs. Do not use shaped discs.



Do not insert anything other than a CD into the CD loading slot.

Do not use cracked, chipped, warped, or otherwise damaged discs as they may damage the player.

Unfinalized CD-R/CD-RW disc playback is not possible.

Do not touch the recorded surface of the discs.

Store discs in their cases when not in use.

Avoid leaving discs in excessively hot environments including under direct sunlight.

Do not attach labels, write on or apply chemicals to the surface of the discs.

To clean a CD, wipe the disc with a soft cloth outward from the center.

Condensation may temporarily impair the player's performance. Leave it to adjust to the warmer temperature for about one hour. Also, wipe any damp discs with a soft cloth.

Playback of discs may not be possible because of disc characteristics, disc format, recorded application, playback environment, storage conditions, and so on.

Road shocks may interrupt disc playback.

Read the precautions for discs before using them.



## Additional Information

### USB storage device

Connections via USB hub are not supported.

Do not connect anything other than a USB storage device.

Firmly secure the USB storage device when driving. Do not let the USB storage device fall onto the floor, where it may become jammed under the brake or accelerator pedal.

Address any questions you have about your USB storage device to the manufacturer of the device.

Do not leave the USB storage device in any place with high temperatures.

Depending on the USB storage device, the following problems may occur.

- Operations may vary.
- The storage device may not be recognized.
- Files may not be played back properly.
- The device may generate noise in the radio.

### iPod

Do not leave the iPod in direct sunlight for extended amounts of time. Doing so may cause the iPod to malfunction from the extreme rise in temperature.

Do not leave the iPod in places with high temperatures.

To ensure proper operation, connect the dock connector cable from the iPod directly to this unit.

Firmly secure the iPod when driving. Do not let the iPod fall onto the floor, where it may become jammed under the brake or accelerator pedal.

For details, refer to the manuals for the iPod.

About iPod settings

- When an iPod is connected, this unit changes the EQ (equalizer) setting of the iPod to off in order to optimize the acoustics. When you disconnect the iPod, the EQ returns to the original setting.
- You cannot set Repeat to off on the iPod when using this unit. Repeat is automatically changed to All when the iPod is connected to this unit.

### DualDiscs

DualDiscs are two-sided discs that have a recordable CD for audio on one side and a recordable DVD for video on the other.

Since the CD side of DualDiscs is not physically compatible with the general CD standard, it may not be possible to play the CD side with this unit.

Frequent loading and ejecting of a DualDisc may result in scratches on the disc. Serious scratches can lead to playback problems on this unit. In some cases, a DualDisc may become stuck in the disc loading slot and will not eject. To prevent this, we recommend you refrain from using DualDisc with this unit. Please refer to the information from the disc manufacturer for more detailed information about DualDiscs.



## Compressed audio compatibility (disc, USB)

### WMA

File extension: .wma

Bit rate: 48 kbps to 320 kbps (CBR), 48 kbps to 384 kbps (VBR)

Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz

Windows Media Audio Professional, Lossless, Voice/DRM Stream/Stream with video: No

### MP3

File extension: .mp3

Bit rate: 8 kbps to 320 kbps

Sampling frequency: 8 kHz to 48 kHz (32 kHz, 44.1 kHz, 48 kHz for emphasis)

Compatible ID3 tag version: 1.0, 1.1, 2.2, 2.3, 2.4 (ID3 tag Version 2.x is given priority over Version 1.x.)

M3u playlist: No

MP3i (MP3 interactive), mp3 PRO: No

## Additional Information

### WAV

File extension: .wav

Quantization bits: 8 and 16 (LPCM), 4 (MS ADPCM)

Sampling frequency: 16 kHz to 48 kHz (LPCM), 22.05 kHz and 44.1 kHz (MS ADPCM)

### AAC

Compatible format: AAC encoded by iTunes

File extension: .m4a

Sampling frequency: 11.025 kHz to 48 kHz

Transmission rate: 16 kbps to 320 kbps, VBR

Apple Lossless: No

AAC file bought on the iTunes Store (.m4p file extension): No

### Supplemental information

Only the first 32 characters can be displayed as a file name (including the file extension) or a folder name.

This unit may not operate correctly depending on the application used to encode WMA files.

There may be a slight delay when starting playback of audio files embedded with image data.

Russian text to be displayed on this unit should be encoded with the following character sets:

- Unicode (UTF-8, UTF-16)
- Character sets other than Unicode that are used in a Windows environment and are set to Russian in the multi-language setting

### Disc

Playable folder hierarchy: up to eight tiers (A practical hierarchy is less than two tiers.)

Playable folders: up to 99

Playable files: up to 999

File system: ISO 9660 Level 1 and 2, Romeo, Joliet

Multi-session playback: Yes

Packet write data transfer: No

Regardless of the length of blank section between the songs of the original recording, compressed audio discs play with a short pause between songs.

### USB storage device

Playable folder hierarchy: up to eight tiers (A practical hierarchy is less than two tiers.)

Playable folders: up to 1500


Playable files: up to 15 000

Playback of copyright protected files: No

Partitioned USB storage device: Only the first playable partition can be played.

There may be a slight delay when starting playback of audio files on a USB storage device with numerous folder hierarchies.

### CAUTION

Pioneer accepts no responsibility for data lost on the USB memory/USB portable audio player even if that data is lost while using this unit. 

### iPod compatibility

This unit supports only the following iPod models. Supported iPod software versions are shown below. Older versions may not be supported.

- iPod nano 4th generation (software version 1.0.3)
- iPod nano 3rd generation (software version 1.1.3)
- iPod nano 2nd generation (software version 1.1.3)
- iPod nano 1st generation (software version 1.3.1)
- iPod touch 2nd generation (software version 3.0)
- iPod touch 1st generation (software version 3.0)
- iPod classic 120GB (software version 2.0.1)
- iPod classic (software version 1.1.2)
- iPod 5th generation (software version 1.3)
- iPhone 3GS (software version 3.0)
- iPhone 3G (software version 3.0)
- iPhone (software version 3.0)

Depending on the generation or version of the iPod, some functions can not be operated.

## Additional Information

Operations may vary depending on the software version of iPod.


When using an iPod, iPod Dock Connector to USB Cable is required.

Pioneer CD-IU50 interface cable is also available. For details, consult your dealer.

About the file/format compatibility, refer to iPod manuals.

Audio Book, Podcast: Yes

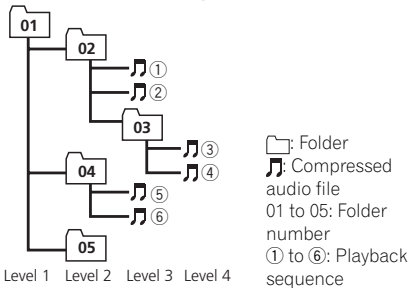
### CAUTION

Pioneer accepts no responsibility for data lost on the iPod even if that data is lost while using this unit. 

## Sequence of audio files

The user cannot assign folder numbers and specify playback sequences with this unit.

### Example of a hierarchy



### Disc


Folder selection sequence or other operation may differ depending on the encoding or writing software.

### USB storage device


Playback sequence is the same as recorded sequence in the USB storage device. To specify the playback sequence, the following method is recommended.

- 1 Create the file name including numbers that specify the playback sequence (e.g., 001xxx.mp3 and 099yyy.mp3).
- 2 Put those files into a folder.
- 3 Save the folder containing files on the USB storage device.

However, depending on the system environment, you may not be able to specify the playback sequence.

For USB portable audio players, the sequence is different and depends on the player. 

## Bluetooth profiles

- In order to use Bluetooth wireless technology, devices must be able to interpret certain profiles. This unit is compatible with the following profiles.
  - GAP (Generic Access Profile)
  - SDP (Service Discovery Protocol)
  - OPP (Object Push Profile)
  - HFP (Hands Free Profile)
  - PBAP (Phone Book Access Profile) 

## Copyright and trademark

### Bluetooth



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## Additional Information

### iTunes

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

### MP3

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### WMA



Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

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### iPod



iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod 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.

### iPhone



iPhone is a trademark of Apple Inc.

"Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone 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. 

## Additional Information

### Specifications

#### General

Power source .....	14.4 V DC (12.0 V to 14.4 V allowable)
Grounding system .....	Negative type
Maximum current consumption .....	10.0 A
Dimensions (W × H × D):	
DIN	
Chassis .....	180 mm × 50 mm × 165 mm
Nose .....	188 mm × 58 mm × 23 mm
D	
Chassis .....	178 mm × 50 mm × 165 mm
Nose .....	170 mm × 48 mm × 23 mm
Weight .....	1.4 kg

#### Audio

Maximum power output .....	50 W × 4 50 W × 2/4 Ω + 70 W × 1/2 Ω (for subwoofer)
Continuous power output .....	22 W × 4 (50 Hz to 15 000 Hz, 5 % THD, 4 Ω load, both channels driven)
Load impedance .....	4 Ω to 8 Ω × 4 4 Ω to 8 Ω × 2 + 2 Ω × 1
Preout maximum output level .....	2.2 V
Equalizer (5-Band Graphic Equalizer):	
Frequency .....	100/315/1.25k/3.15k/8k Hz
Gain .....	±12 dB
HPF:	
Frequency .....	50/63/80/100/125 Hz
Slope .....	-12 dB/oct
Subwoofer (mono):	
Frequency .....	50/63/80/100/125 Hz
Slope .....	-18 dB/oct
Gain .....	+6 dB to -24 dB
Phase .....	Normal/Reverse
Bass boost:	
Gain .....	+12 dB to 0 dB

#### CD player

System .....	Compact disc audio system
Usable discs .....	Compact disc
Signal-to-noise ratio .....	94 dB (1 kHz) (IEC-A network)
Number of channels .....	2 (stereo)
MP3 decoding format .....	MPEG-1 & 2 Audio Layer 3

WMA decoding format .....	Ver. 7, 7.1, 8, 9, 10, 11 (2ch audio) (Windows Media Player)
AAC decoding format .....	MPEG-4 AAC (iTunes encoded only) (.m4a) (Ver. 8.2 and earlier)
WAV signal format .....	Linear PCM & MS ADPCM (Non-compressed)

#### USB

USB standard specification .....	USB 2.0 full speed
Maximum current supply .....	500 mA
USB Class .....	MSC (Mass Storage Class)
File system .....	FAT12, FAT16, FAT32
MP3 decoding format .....	MPEG-1 & 2 Audio Layer 3
WMA decoding format .....	Ver. 7, 7.1, 8, 9, 10, 11 (2ch audio) (Windows Media Player)
AAC decoding format .....	MPEG-4 AAC (iTunes encoded only) (.m4a) (Ver. 8.2 and earlier)
WAV signal format .....	Linear PCM & MS ADPCM (Non-compressed)

#### FM tuner

Frequency range .....	87.5 MHz to 108.0 MHz
Usable sensitivity .....	9 dBf (0.8 μV/75 Ω, mono, S/N: 30 dB)
Signal-to-noise ratio .....	72 dB (IEC-A network)

#### MW tuner

Frequency range .....	531 kHz to 1 602 kHz (9 kHz)
Usable sensitivity .....	25 μV (S/N: 20 dB)
Signal-to-noise ratio .....	62 dB (IEC-A network)

#### LW tuner

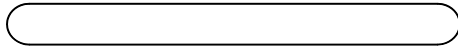
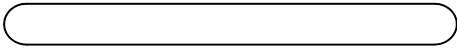
Frequency range .....	153 kHz to 281 kHz
Usable sensitivity .....	28 μV (S/N: 20 dB)
Signal-to-noise ratio .....	62 dB (IEC-A network)

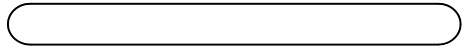
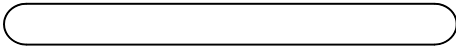
#### Bluetooth

Version .....	Bluetooth 2.0 certified
Output power .....	+4 dBm Max. (Power class 2)

#### Note

Specifications and the design are subject to modifications without notice. 





<http://www.pioneer.eu>

Visit [www.pioneer.co.uk](http://www.pioneer.co.uk) (or [www.pioneer.eu](http://www.pioneer.eu)) to register your product.

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