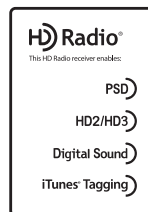


CD RDS RECEIVER

DEH-X9600BHS
DEH-X8600BH
DEH-X7600HD
DEH-X8600BS
DEH-X7600S

Pioneer

(((SiriusXM)))
READY



Owner's Manual

 Important (Serial number)

The serial number is located on the bottom of this unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

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Before you start

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 **WARNINGS** and **CAUTIONS** in this manual. *Please keep the manual in a safe and accessible place for future reference.*

FCC ID: AJDK071
 MODEL NO.: DEH-X9600BHS/DEH-X8600BH/
 DEH-X8600BS
 IC: 775E-K071

This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

The Bluetooth antenna cannot be removed (or replaced) by user.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

MODEL NO.: DEH-X7600HD/DEH-X7600S
 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Information to User

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

Before you start

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The Safety of Your Ears is in Your Hands

Get the most out of your equipment by playing it at a safe level—a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time, your hearing “comfort level” adapts to higher volumes of sound, so what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

ESTABLISH A SAFE LEVEL:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Once you have established a comfortable sound level, set the dial and leave it there.

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

- Do not turn up the volume so high that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle; the use of headphones may create a traffic hazard and is illegal in many areas.

About this unit

The tuner frequencies on this unit are allocated for use in North America. Use in other areas may result in poor reception.

⚠ WARNING

- **Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.**
- Do not attempt to operate the unit while driving. Make sure to pull off the road and park your vehicle in a safe location before attempting to use the controls on the device.

Before you start

- Handling the cord on this product or cords associated with accessories sold with the product may expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defect or other reproductive harm. **Wash hands after handling.**

CAUTION:
USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
CAUTION:
THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

⚠ 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.
- Always keep the volume low enough to hear outside sounds.
- Avoid exposure to moisture.

CAUTION

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

CLASS 1 LASER PRODUCT

After-sales service for Pioneer products

Please contact the dealer or distributor from where you purchased this unit for after-sales service (including warranty conditions) or any other information. In case the necessary information is not available, please contact the companies listed below:
Please do not ship your unit to the companies at the addresses listed below for repair without advance contact.

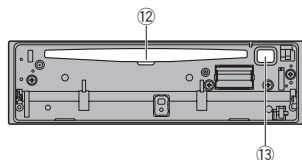
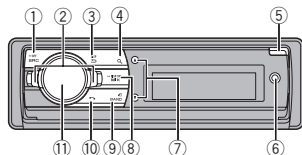
If you experience problems

Should this unit fail to work properly, please contact your dealer or nearest authorized PIONEER Service Station.

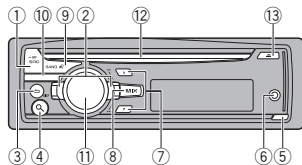
Using this unit

Head unit

DEH-X9600BHS



DEH-X8600BH/DEH-X7600HD/DEH-X8600BS/
DEH-X7600S



① **SRC/OFF**

② **LEVER**

③ **DISP**

④ **Q (list)**

	DEH-X9600BHS Open button
⑤	DEH-X8600BH/DEH-X7600HD/DEH-X8600BS/DEH-X7600S Detach button
⑥	AUX input jack (3.5 mm stereo jack)
⑦	UP/DOWN (up/down)
⑧	MIX/DISP OFF
⑨	BAND/MP3 (iPod)
	DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS
⑩	phone icon
	DEH-X7600HD/DEH-X7600S
	APP
⑪	MULTI-CONTROL (M.C.)
⑫	Disc loading slot
⑬	eject icon

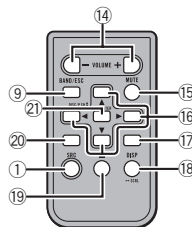


CAUTION

Use a Pioneer USB cable when connecting a USB storage device. Connecting a USB storage device directly may be dangerous because it may stick out.

Using this unit

Remote control



⑭ **VOLUME**
Press to increase or decrease volume.

⑮ **MUTE**
Press to mute. Press again to unmute.

▲/▼/◀/▶
⑯ Press to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.

DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS
⑰ Press to end a call, reject an incoming call, or reject a call waiting while on another call.

AUDIO
DEH-X7600HD/DEH-X7600S
Press to select an audio function.

⑱ **DISP/SCRL**
Press to select different displays.

⑲ **II**
Press to pause or resume playback.



DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS

⑳ Press to start talking to the caller while using the phone.

FUNCTION

DEH-X7600HD/DEH-X7600S
Press to select functions.

LIST/ENTER

㉑ Press to display the list depending on the source.
While in the operating menu, press to control functions.

Set up menu

1 After installation of this unit, turn the ignition switch to ON.
Set up appears.

2 Turn M.C. to switch to YES.

- If you do not use the unit for 30 seconds, the set up menu will not be displayed.
- If you prefer not to set up at this time, turn **M.C.** to switch to **NO**.

3 Press M.C. to select.

4 Follow these steps to set the menu.

To proceed to the next menu option, you need to confirm your selection.

Language select (multi-language)

For your convenience, this unit offers a choice of several languages. You can select the language you prefer to use.

① Turn **M.C.** to select the desired language.

English—Français—Español

② Press **M.C.** to confirm the selection.

Calendar (setting the date)

Using this unit

- 1 Turn **M.C.** to change the year.
- 2 Press **M.C.** to select day.
- 3 Turn **M.C.** to change the day.
- 4 Press **M.C.** to select month.
- 5 Turn **M.C.** to change the month.
- 6 Press **M.C.** to confirm the selection.

Clock Setting (setting the clock)

- 1 Turn **M.C.** to adjust hour.
- 2 Press **M.C.** to select minute.
- 3 Turn **M.C.** to adjust minute.
- 4 Press **M.C.** to select time notation.
- 5 Turn **M.C.** to select the desired setting.
12H (12-hour clock)—**24H** (24-hour clock)
- 6 Press **M.C.** to confirm the selection.

Contrast (display contrast setting)

- 1 Turn **M.C.** to adjust the contrast level.
0 to **15** is displayed as the level is increased or decreased.
- 2 Press **M.C.** to confirm the selection.
Quit appears.

5 To finish your settings, turn M.C. to select YES.

- If you prefer to change your setting again, turn **M.C.** to switch to **NO**.

6 Press M.C. to select.

Notes

- You can set up the menu options from the system menu. For details about the settings, refer to *System menu* on page 19.
- You can cancel set up menu by pressing **SRC/OFF**.

Attaching the front panel

Important

- Handle the front panel with care when removing or attaching it.
- Avoid subjecting the front panel to excessive shock.
- Keep the front panel out of direct sunlight and high temperatures.
- To avoid damaging the device or vehicle interior, remove any cables and devices attached to the front panel before detaching it.

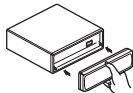
DEH-X9600BHS

Removing the front panel

- 1 Press the open button to open the front panel.
- 2 Grip the left side of the front panel and pull it gently outward.
Take care not to grip it too tightly or to drop the front panel and protect it from contact with water or other fluids to prevent permanent damage.
- 3 Always store the detached front panel in a protective case or bag.

Re-attaching the front panel

- 1 Reattach the front panel by holding it upright to the unit and clipping it securely into the mounting hooks.

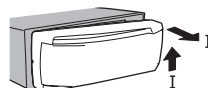


Using this unit

DEH-X8600BH/DEH-X7600HD/DEH-X8600BS/DEH-X7600S

Removing the front panel

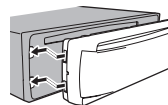
- 1 Press the detach button to release the front panel.
- 2 Push the front panel upward (I) and then pull it toward (II) you.



- 3 Always store the detached front panel in a protective case or bag.

Re-attaching the front panel

- 1 Slide the front panel to the left.



- 2 Press the right side of the front panel until it is firmly seated.
Forcing the front panel into place may result in damage to the front panel or head unit.

Basic operations

Turning the unit on

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

Turning the unit off

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

Adjusting the volume

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

Selecting a source

- 1 Press **SRC/OFF** to cycle between:
DEH-X9600BHS
SiriusXM—HD Radio—CD—USB1/iPod1—Pandora1—App 1 (application1)—**USB2/iPod2—Pandora2—App 2** (application2)—**AUX—BT Audio**
DEH-X8600BH
HD Radio—CD—USB/iPod—Pandora—App (application)—**AUX—BT Audio**
DEH-X7600HD
HD Radio—CD—USB/iPod—Pandora—App (application)—**AUX**
DEH-X8600BS
SiriusXM—Radio—CD—USB/iPod—Pandora—App (application)—**AUX—BT Audio**
DEH-X7600S
SiriusXM—Radio—CD—USB/iPod—Pandora—App (application)—**AUX**

Notes

- When there is an iPod connected and a source other than **App** is selected, you can switch to **App** by pressing **APP**.
- 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.
- When there are two USB storage devices connected to this unit and you want to switch between them for playback, disconnect communications for the USB storage device first before proceeding.
- If connecting both **USB1/iPod1** and **USB2/iPod2** at the same time, use a Pioneer USB cable (CD-U50E) in addition to the regular Pioneer USB cable.

Using this unit

Use and care of the remote control

Using the remote control

- 1 Point the remote control in the direction of the front panel to operate.
When using for the first time, pull out the film protruding from the tray.

Replacing the battery

- 1 Slide the tray out on the back of the remote control.
- 2 Insert the battery with the plus (+) and minus (-) poles aligned properly.



WARNING

- Keep the battery out of the reach of children. Should the battery be swallowed, consult a doctor immediately.
- Batteries (battery pack or batteries installed) must not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

- Remove the battery if the remote control is not used for a month or longer.
- There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not handle the battery with metallic tools.
- Do not store the battery with metallic objects.
- If the battery leaks, wipe the remote control completely clean and install a new battery.

- When disposing of used batteries, comply with governmental regulations or environmental public institutions' rules that apply in your country/area.
- "Perchlorate Material – special handling may apply."

Important

- Do not store the remote control in high temperatures or direct sunlight.
- The remote control may not function properly in direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal.

Frequently used menu operations

Returning to the previous display

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

- 1 Press **DISP**.

Returning to the ordinary display

- 1 Press **BAND/**.

Returning to the ordinary display from the list/category

- 1 Press **BAND/**.

Selecting a function or list

- 1 Turn **M.C.** or **LEVER**
 - In this manual, "Turn **M.C.**" is used to describe the operation used to select a function or list.

HD Radio™ Technology

Only for DEH-X9600BHS, DEH-X8600BH and DEH-X7600HD

Using this unit

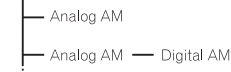
About HD Radio™ stations

HD Radio™ stations offer high-quality audio and data services. HD Radio stations are brought to you by local FM/AM stations.

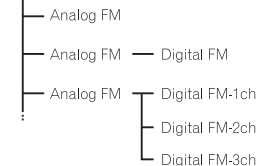
HD Radio stations feature the following:

- High quality audio
- FM multicasting
- Data services

AM band



FM band



PSD

Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3

Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

Digital Sound

Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

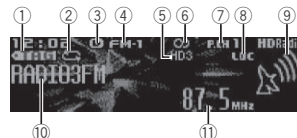
iTunes® Tagging

iTunes® Tagging provides you the opportunity to discover a wide range of content and the means to "tag" that content for later review and purchase from the iTunes® Store.

HD Radio™ Technology

HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. HD Radio™ and the HD, HD Radio, and "Arc" logos are proprietary trademarks of iBiquity Digital Corp.

Basic operations



- 1 TAG indicator
- 2 Tags transferring indicator
- 3 Signal reception status indicator
When digital signal is received, **D** is displayed. Otherwise, **A** is displayed.
- 4 Band indicator
- 5 Channel indicator
- 6 **(D)** (stereo) indicator
- 7 Preset number indicator
- 8 LOC indicator
Appears when local seek tuning is on.
- 9 Signal level indicator
- 10 Program service name
- 11 Frequency indicator

Using this unit

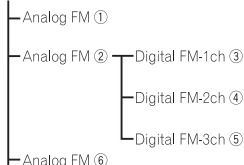
Selecting a band

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

Manual tuning (step by step)

- 1 Turn **LEVER**.

- When an analog station is received, tuning down operation is conducted within the analog broadcasting. (6 → 2)
- If a digital broadcast is not yet received, tuning-up operation tunes in the next analog station. (2 → 6)



Seeking

- 1 Turn and hold down **LEVER**.
- While turning and holding down **LEVER**, you can skip stations. Seek tuning starts as soon as you release **LEVER**.

Storing and recalling stations for each band

- 1 Press **Q** (list).

The preset screen is displayed.

- 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.

- You can also change the station by pressing **UP** or **DOWN**.

Switching the display

Selecting the desired text information

- Press **DISP**.

Channel and program service name/frequency—song title/artist name—album title/genre

Notes

- If the channel and program service name are detected, the channel and program service name will be displayed.
- Depending on the band, text information can be changed.

Using tag information

For details, refer to *Using tag information* on page 20.

For more details about iTunes tagging, refer to *About iTunes tagging* on page 31.

Creating a new Pandora station

You can create a new station in the **Pandora** source based on the tagged information. For details, refer to *Tag menu* on page 21.

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.

Once selected, the following functions can be adjusted.

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.

Using this unit

Local (local seek tuning)

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

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

- 2 Press **M.C.** to turn local on or off.

- 3 Turn **M.C.** to select the desired setting.

FM: **Level 1—Level 2—Level 3—Level 4**

AM: **Level 1—Level 2**

The highest level setting allows reception of only the strongest stations, while lower levels allow the reception of weaker stations.

Seek mode (seek mode)

Seek tuning setting can be changed between digital station seek (**Seek HD**) and all station seek (**Seek ALL**) depending on the reception status.

- 1 Press **M.C.** to select the desired setting.

Seek ALL—Seek HD

Blending (reception mode)

If a digital broadcast reception condition gets poor, this unit automatically switches to the analog broadcast of the same frequency level. If this function is set to on, the tuner switches between digital broadcast and analog broadcast automatically. If this function is off, reception will be conducted within an analog broadcast.

- 1 Press **M.C.** to turn this function on or off.

Note

If **Seek mode** is set to **Seek HD** and **Blending** is set to off, the tuner cannot receive broadcasts. In this case, the seek mode or reception mode is changed automatically as follows:

- When **Seek mode** is set to **Seek HD**, if you switch **Blending** from on to off, **Seek mode** is changed to **Seek ALL**.
- When **Blending** is set to off, if you switch **Seek mode** from **Seek ALL** to **Seek HD**, **Blending** is changed to on.

Radio

Only for DEH-X8600BS and DEH-X7600S

Basic operations



RDS



Non-RDS or AM

- 1 Band indicator
 - 2 Stereo indicator
 - 3 Preset number indicator
 - 4 LOC indicator
- Appears when local seek tuning is on.
- 5 Signal level indicator
 - 6 Program service name
 - 7 Frequency indicator

Selecting a band

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

Manual tuning (step by step)

- 1 Turn **LEVER**.
- Select **Manual** (manual tuning) under **Tuning Mode** to use this function.

Using this unit

Switching preset stations

- 1 Turn **LEVER**.
 - Select **Preset** (preset channel) under **Tuning Mode** to use this function.

Seeking

- 1 Turn and hold down **LEVER**.
 - While turning and holding down **LEVER**, you can skip stations. Seek tuning starts as soon as you release **LEVER**.

Note

For details about **Tuning Mode**, refer to **Tuning Mode (LEVER tuning setting)** on page 8.

Storing and recalling stations for each band

For details, refer to *Storing and recalling stations for each band* on page 7.

Switching the display

Selecting the desired text information

● Press **↔/DISP**.

Program service name/frequency—song title/artist name

Notes

- If the program service name cannot be acquired, the broadcast frequency is displayed instead. If the program service name is detected, the program service name will be displayed.
- Depending on the band, text information can be changed.

Creating a new Pandora station

You can create a new station in the **Pandora** source based on the tagged information. For details, refer to *Tag menu* on page 21.

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.

Once selected, the following functions can be adjusted.

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.

Local (local seek tuning)

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

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to turn local on or off.
- 3 Turn **M.C.** to select the desired setting.
FM: **Level 1—Level 2—Level 3—Level 4**
AM: **Level 1—Level 2**

The highest level setting allows reception of only the strongest stations, while lower levels allow the reception of weaker stations.

Tuning Mode (LEVER tuning setting)

You can assign a function to the **LEVER** on the unit.

Select **Manual** (manual tuning) to tune up or down manually or select **Preset** (preset channel) to switch between preset channels.

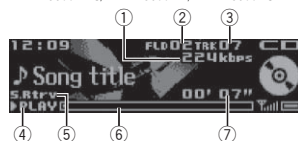
- 1 Press **M.C.** to select **Manual** or **Preset**.

Using this unit

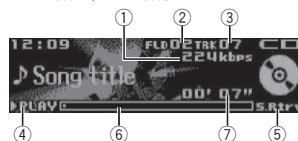
CD/CD-R/CD-RW and USB storage devices

Basic operations

DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS



DEH-X7600HD/DEH-X7600S



- 1 **Bit rate/sampling frequency indicator**
Shows the bit rate or sampling frequency of the current track (file) when the compressed audio is playing.
 - 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.
- 2 **Folder number indicator**
Shows the current folder number when playing a compressed audio file.
- 3 **Track number indicator**
- 4 **PLAY/PAUSE indicator**
- 5 **S.Rtrv indicator**
Appears when Sound Retriever function is on.
- 6 **Song time (progress bar)**
- 7 **Play time indicator**

Playing a CD/CD-R/CD-RW

- 1 Insert the disc into the disc loading slot with the label side up.

Ejecting a CD/CD-R/CD-RW

- 1 Press **▲** (eject).

Playing songs on a USB storage device

- 1 Plug in the USB storage device using the USB cable.
 - Use a Pioneer USB cable to connect the USB storage device to the unit.

Stopping playback of files on a USB storage device

- 1 Disconnect the USB storage device.

Selecting a folder

- 1 Press **UP** or **DOWN**.

Selecting a track

- 1 Turn **LEVER**.

Fast forwarding or reversing

- 1 Turn and hold down **LEVER** to the right or left.
 - When playing compressed audio, there is no sound during fast forward or reverse.

Returning to root folder

- 1 Press and hold **BAND/↵**.

Switching between compressed audio and CD-DA

- 1 Press **BAND/↵**.

Using this unit

Switching between playback memory devices
You can switch between playback memory devices on USB storage devices with more than one Mass Storage Device-compatible memory device.

- 1 Press **BAND/4**.
- You can switch between up to 32 different memory devices.

MTP connection
MTP-compatible Android devices (running Android OS 4.0 or higher) can be connected by MTP connection using the USB source. To connect an Android device, use the cable that came with the device.

- This function is not compatible with MIXTRAX.
- This function is not compatible with WAV.
- This function is not compatible with music browse.

Notes

- Disconnect USB storage devices from the unit when not in use.
- If there are two USB storage devices connected to this unit, the device connected to the input of the selected source is the one that is operated.
- Disconnect communications for the USB storage device before switching to operation of the other device.

Operations using the MIXTRAX button

Turning MIXTRAX on or off
You can use this function when **USB** is selected as the source.

- You cannot use this function with **USB MTP**.
- 1 Press **MIX/DISP OFF** to turn MIXTRAX on or off.
- For more details about MIXTRAX, refer to *About MIXTRAX* on page 18.

Switching the display

Selecting the desired text information

- Press **⇨/DISP**.

Selecting and playing files/tracks from the name list

This function is available when **OFF** is selected in **Music browse**. For details, refer to **Music browse** (*music browse*) on page 10.

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

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

Changing the file or folder name

- 1 Turn **M.C.**

Playing

- 1 When a file or track is selected, press **M.C.**

Viewing a list of the files (or folders) in the selected folder

- 1 When a folder is selected, press **M.C.**

Playing a song in the selected folder

- 1 When a folder is selected, press and hold **M.C.**

Browsing for a song

You can use this function when **USB** is selected as the source.

This function is available when **ON** is selected in **Music browse**. For details, refer to **Music browse** (*music browse*) on page 10.

- 1 Press **Q (list)** to switch to the top menu of the list search.

Using this unit

- 2 Use **M.C.** to select a category/song.

Changing the name of the song or category

- 1 Turn **M.C.**

Artists (artists)—**Albums** (albums)—**Songs** (songs)—**Genres** (genres)

Playing

- 1 When a song is selected, press **M.C.**

Viewing a list of songs in the selected category

- 1 When a category is selected, press **M.C.**

Playing a song in the selected category

- 1 When a category is selected, press and hold **M.C.**

Searching the list by alphabet

- 1 When a list for the selected category is displayed, press **Q** to switch to alphabet search mode.
- 2 Turn **M.C.** to select a letter.
- 3 Press **M.C.** to display the alphabetical list.
- To cancel searching, press **⇨/DISP**

Notes

- This unit must create an index in order to facilitate **Artists**, **Albums**, **Songs**, and **Genres** searches. Typically, it will take approximately 70 seconds to create an index for 1 000 songs, and we recommend that up to 3 000 songs be used. Please note that certain types of file may take longer to index than others.
- Depending on the number of files in the USB storage device, there may be a delay when displaying a list.
- Keys may not have any effect during the creation of an index or list.
- Lists are recreated each time the unit is turned on.

Playing songs related to the currently playing song

You can use this function when **USB** is selected as the source.

This function is available when **ON** is selected in **Music browse**. For details, refer to **Music browse** (*music browse*) on page 10.

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 **Q** to switch to link play mode.

- 2 Turn **M.C.** to change the mode; press to select.

- Artist** – Plays an album by the artist currently playing.
- 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.

Notes

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

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.

Once selected, the following functions can be adjusted.

- Music browse** and **Link play** cannot be used when the source is set to **CD**.

Using this unit

- **Link play** is not available when **OFF** is selected in **Music browse**. For details, refer to **Music browse** (music browse) on page 10.

Music browse (music browse)

You can browse music on a USB storage device.

- 1 Press **M.C.** to select the desired setting.
 - **ON** – Category/song list can be used.
 - **OFF** – File/folder list can be used.

In some cases, a message may appear asking whether to create a database on this unit or not. If it appears, proceed by completing the below steps.

- 2 Turn **M.C.** to switch to **Yes**.

- 3 Press **M.C.** to select.

A message will appear asking if you want to save the database information to a USB storage device.

- 4 Turn **M.C.** to switch to **Yes**.

- 5 Press **M.C.** to select.

Select **No** to cancel the selection.

- The database information on this unit will be deleted if **ACC** is set to **OFF**. Saving the database information to a USB storage device will allow it to be read from the USB storage device to which it was saved when **ACC** is set to **ON**, which will increase the processing speed.
- The database may need to be rebuilt if the information in the USB storage device file is different from the database information saved to the USB storage device. A message will appear in such cases asking whether to rebuild the database or not.

Play mode (repeat play)

- 1 Press **M.C.** to select a repeat play range.

CD/CD-R/CD-RW

- **Disc repeat** – Repeat all tracks
- **Track repeat** – Repeat the current track
- **Folder repeat** – Repeat the current folder

USB storage device

- **All repeat** – Repeat all files
- **Track repeat** – Repeat the current file
- **Folder repeat** – Repeat the current folder

Random mode (random play)

- 1 Press **M.C.** to turn random play on or 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 page 9.

Pause (pause)

- 1 Press **M.C.** to pause or resume.

Sound Retriever (sound retriever)

Automatically enhances compressed audio and restores rich sound.

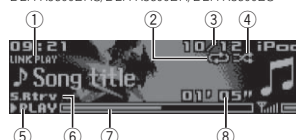
- 1 Press **M.C.** to select the desired setting.
 - 1—2—**OFF** (off)
 - 1 is effective for low compression rates, and 2 is effective for high compression rates.

Using this unit

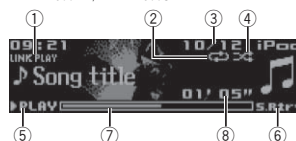
iPod

Basic operations

DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS



DEH-X7600HD/DEH-X7600S



- ① **LINK PLAY** indicator
- ② Repeat indicator
- ③ Song number indicator
- ④ Shuffle indicator
- ⑤ **PLAY/PAUSE** indicator
- ⑥ **S.Rtrv** indicator
- ⑦ Song time (progress bar)
- ⑧ Play time indicator

Playing songs on an iPod

- 1 Connect an iPod to the USB cable.

Selecting a track (chapter)

- 1 Turn **LEVER**.

Fast forwarding or reversing

- 1 Turn and hold down **LEVER** to the right or left.

Selecting an album

- 1 Press **UP** or **DOWN**.

Notes

- The iPod cannot be turned on or off when the control mode is set to **Ctrl Audio**.
- Disconnect headphones from the iPod before connecting it to this unit.
- The iPod will turn off about two minutes after the ignition is switched off.

Operations using the MIXTRAX button

Turning MIXTRAX on or off

- 1 Press **MIX/DISP OFF** to turn MIXTRAX on or off.
- For more details about MIXTRAX, refer to *About MIXTRAX* on page 18.

Switching the display

Selecting the desired text information

- Press **↔/DISP**.

Creating a new Pandora station

You can create a new station in the **Pandora** source based on the tagged information. For details, refer to *Tag menu* on page 21.

Browsing for a song

- 1 Press **Q (list)** to switch to the top menu of the list search.

- 2 Use **M.C.** to select a category/song.

Changing the name of the song or category

- 1 Turn **M.C.**
 - Playlists** (playlists)—**Artists** (artists)—**Albums** (albums)—**Songs** (songs)—**Podcasts** (podcasts)—**Genres** (genres)—**Composers** (composers)—**Audiobooks** (audiobooks)

Playing

- 1 When a song is selected, press **M.C.**

Using this unit

Viewing a list of songs in the selected category

- 1 When a category is selected, press **M.C.**

Playing a song in the selected category

- 1 When a category is selected, press and hold **M.C.**

Searching the list by alphabet

- 1 When a list for the selected category is displayed, press **Q** to switch to alphabet search mode.
- 2 Turn **M.C.** to select a letter.
- 3 Press **M.C.** to display the alphabetical list.
- To cancel searching, press **DISP**.

Notes

- You can play playlists created with the computer application (MusicSphere). The application will be available on our website.
- Playlists that you created with the computer application (MusicSphere) are displayed in abbreviated form.

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 **Q** to switch to link play mode.

2 Turn **M.C.** to change the mode; press to select.

- **Artist** – Plays an album by the artist currently playing.
- **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.

Notes

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

Using this unit's iPod function from your iPod

This unit's iPod function can be controlled by using the connected iPod.

Ctrl iPod is not compatible with the following iPod models.

- iPod nano 1st generation
- iPod with video

● Press **BAND/4/1** to switch the control mode.

- **Ctrl iPod** – This unit's iPod function can be operated from the connected iPod.
- **Ctrl Audio** – This unit's iPod function can be controlled by using this unit.

Notes

- Switching the control mode to **Ctrl iPod** pauses song playback. Use the iPod to resume playback.
- The following operations are still accessible from the unit even if the control mode is set to **Ctrl iPod**.
 - Pausing
 - Fast forward/reverse
 - Selecting a song (chapter)
- The volume can only be adjusted from this unit.

Function settings

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

Using this unit

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

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

Once selected, the following functions can be adjusted.

- **Play mode, Shuffle mode, Shuffle all, Link play and Audiobooks** are not available when **Ctrl iPod** is selected in the control mode. For details, refer to *Using this unit's iPod function from your iPod* on page 11.
- **Tags transfer** is not available for DEH-X8600BH, DEH-X7600HD, DEH-X8600BS and DEH-X7600S.

Play mode (repeat play)

- 1 Press **M.C.** to select a repeat play range.
 - **Repeat One** – Repeat the current song
 - **Repeat All** – Repeat all songs in the selected list
- When the control mode is set to **Ctrl iPod**, the repeat play range will be same as what is set for the connected iPod.

Shuffle mode (shuffle)

- 1 Press **M.C.** to select the desired setting.
 - **Shuffle Songs** – Play back songs in the selected list in random order.
 - **Shuffle Albums** – Play back songs from a randomly selected album in order.
 - **Shuffle OFF** – Cancel random play.

Shuffle all (shuffle all)

- 1 Press **M.C.** to turn shuffle all on. To turn off **Shuffle all**, select **Shuffle OFF** in **Shuffle mode**. For details, refer to **Shuffle mode (shuffle)** on page 11.

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 page 11.

Pause (pause)

- 1 Press **M.C.** to pause or resume.

Audiobooks (audiobook speed)

- 1 Press **M.C.** to select the desired setting.
 - **Faster** – Playback at a speed faster than normal
 - **Normal** – Playback at normal speed
 - **Slower** – Playback at a speed slower than normal

Tags transfer (Tags transfer)

Transfers the tagged information stored on this unit to the connected iPod.

- 1 Press **M.C.** to display the setting mode.
- 2 A "Transfer yes" message appears, prompting you to initiate the transfer.
- 3 Press **M.C.**
Tagged information is transferred to your iPod.

Sound Retriever (sound retriever)

- 1 Press **M.C.** to select the desired setting.
 - 1—2—OFF (off)
 - 1 is effective for low compression rates, and 2 is effective for high compression rates.

Using Bluetooth wireless technology

Only for DEH-X9600BHS, DEH-X8600BH and DEH-X8600BS

Using this unit

Using the Bluetooth telephone

Important

- Leaving the unit on standby to connect to your phone via Bluetooth while the engine is not running can drain the battery.
- 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. Be sure to park your vehicle in a safe place and apply the parking brake before proceeding.

Setting up for hands-free phoning

- Connection
Use the Bluetooth telephone connection menu. Refer to *Connection menu operation* on page 12.
- Function settings
Use the Bluetooth telephone function menu. Refer to *Phone menu operation* on page 13.

Basic operations

Making a phone call Refer to <i>Phone menu operation</i> on page 13.
Answering an incoming call 1 Press AND while a call is received, press AND .
Ending a call 1 Press AND .
Rejecting an incoming call 1 Press AND while a call is received, press and hold AND .
Answering a call waiting 1 Press AND while a call is received, press AND .
Switching between callers on hold 1 Press M.C.

Canceling call waiting

- Press and hold **AND**.

Adjusting the other party's listening volume

- Turn **LEVER** while talking on the phone.
 - When private mode is on, this function is not available.

Turning private mode on or off

- Press **BAND** while talking on the phone.

Note

If private mode is selected on the cellular phone, hands-free phoning may not be available.

Using voice recognition

This feature can be used on an iPhone equipped with voice recognition that is connected by Bluetooth.

1 Press and hold M.C. to switch to voice recognition mode.

2 Press M.C. and then talk into the microphone to input voice commands.

To end voice recognition mode, press **BAND**.

Notes

- For details on voice recognition features, check the manual for your iPhone.
- In order for your voice commands to be recognized and interpreted correctly, ensure that conditions are suitable for recognition.
- Please note that wind blowing through the vehicle windows and noise coming from outside the vehicle can interfere with voice command operation.
- For optimum pick-up, the microphone should be placed directly in front of the driver at a suitable distance.
- Speaking too soon after the start of the command may cause voice recognition to fail.
- Speak slowly, deliberately, and clearly.

Using this unit

Connection menu operation

Important

Connected devices may not work properly if more than one Bluetooth device is connected at a time (e.g. a phone and a separate audio player are connected simultaneously).

1 Press and hold **AND** to display the connection menu.

- You cannot perform this step during a call.

2 Turn M.C. to select the function.

Once selected, the following functions can be adjusted.

Device list (connecting or disconnecting a device from the device list)

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the name of a device you want to connect/disconnect.
 - Press and hold **M.C.** to swap between the Bluetooth device address and the device name.
- Press **M.C.** to connect/disconnect the selected device.
Once the connection is established, **Connected** is displayed.
 - When no device is selected in the device list, this function is not available.

Delete device (deleting a device from the device list)

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the name of a device you want to delete.
 - Press and hold **M.C.** to swap between the Bluetooth device address and the device name.
- Press **M.C.** to display **Delete YES**.
- Press **M.C.** to delete the device information from the device list.
 - When no device is selected in the device list, this function is not available.
 - While this function is in use, do not turn off the engine.

Add device (connecting a new device)

Using this unit

- Press **M.C.** to start searching.
 - To cancel, press **M.C.** while searching.
 - If this unit fails to find any available cellular phones, **Not found** is displayed.
- Turn **M.C.** to select a device from the device list.
 - If the desired device is not displayed, select **RE-SEARCH**.
 - Press and hold **M.C.** to swap between the Bluetooth device address and the device name.
- Press **M.C.** to connect the selected device.
 - To complete the connection, check the device name (**Pioneer BT Unit**). Enter the PIN code on your device if necessary.
 - PIN code is set to **0000** as the default. You can change this code.
 - A 6-digit number may display on both this unit and the Bluetooth device. Select **yes** if the 6-digit numbers displayed on this unit and the Bluetooth device are the same.
 - 6-digit number appears on the display of this unit. Once the connection is established, this number disappears.
 - If you are unable to complete the connection using this unit, use the device to connect to the unit.
 - If three devices are already paired, **Device Full** is displayed and it is not possible to perform this operation. In this case, delete a paired device first.

Auto connect (connecting to a Bluetooth device automatically)

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

Visibility (setting the visibility of this unit)

Bluetooth visibility can be turned on so that other devices can discover the unit.

- Press **M.C.** to turn the visibility of this unit on or off.

Pin code input (PIN code input)

You must enter a PIN code on your device to confirm the Bluetooth connection. The default code is **0000**, but you can change it with this function.

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select a number.
- Press **M.C.** to move the cursor to the next position.
- After inputting PIN code, press and hold **M.C.**
 - After inputting, pressing **M.C.** returns you to the PIN code input display, and you can change the PIN code.

Device INFO (Bluetooth device address display)

- Press **M.C.** to display the setting mode.
- Press **M.C.** to select the desired setting.
Device name—Bluetooth device address

Guest Mode (guest mode)

When this mode is turned on, if a pairing is attempted while there are already three devices paired together, the unit will move to the **Delete device** screen automatically and prompt you to delete a device. For details, refer to **Delete device** (deleting a device from the device list) on page 12.

- Press **M.C.** to turn the guest mode on or off.

Auto pairing (auto pairing)

If this function is turned on while there is an iPhone connected to the unit by USB, you will be automatically prompted to pair the unit and iPhone.

- Press **M.C.** to turn auto pairing on or off.
 - This function may not be available depending on what version of iOS you are using.
 - This function cannot be used with USB port 2.

Using this unit

Phone menu operation

- Press  to display the phone menu.

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

Once selected, the following functions can be adjusted.

Missed calls (missed call history)

Dialed calls (dialed call history)

Received calls (received call history)

- Press **M.C.** to display the phone number list.
- Turn **M.C.** to select a name or phone number.
- Press **M.C.** to make a call.
 - To display details about the contact you selected, press and hold **M.C.**

PhoneBook (phone book)

The contacts on your phone will normally be transferred automatically when the phone is connected. If it is not, use your phone menu to transfer the contacts. The visibility of this unit should be on when you use the phone menu. Refer to **Visibility** (setting the visibility of this unit) on page 13.

- Press **M.C.** to display **ABC Search** (alphabetical list).
- Turn **M.C.** to select the first letter of the name you are looking for.
- Press **M.C.** to display a registered name list.
- Turn **M.C.** to select the name you are looking for.
- Press **M.C.** to display the phone number list.
- Turn **M.C.** to select a phone number you want to call.
- Press **M.C.** to make a call.

Phone Function (phone function)

You can set **Auto answer**, **Ring tone** and **PH.B. Name view** from this menu. For details, refer to *Function and operation* on page 13.

Function and operation

- Display Phone Function.**

Refer to **Phone Function** (*phone function*) on page 13.

- Press **M.C.** to display the function menu.

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

Once selected, the following functions can be adjusted.

Auto answer (automatic answering)

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

Ring tone (ring tone select)

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

PH.B.Name view (phone book name view)

- Press **M.C.** to invert the order of names in the phone book.

Bluetooth Audio

Important

- Depending on the Bluetooth audio player connected to this unit, the available operations will be limited to the following two levels:
 - A2DP profile (Advanced Audio Distribution Profile): You can only playback songs on your audio player.
The A2DP connection can only be used with **Pandora** (smartphone), **App** (smartphone) and **BT Audio**.
 - AVRCP profile (Audio/Video Remote Control Profile): You can perform playback, pause playback, select songs, etc.
- To use a Bluetooth audio player with this unit, refer to this manual and the manual for your device for operating instructions.

Using this unit

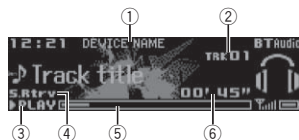
- As the signal from your cellular phone may cause noise, avoid using it when you are listening to songs on your Bluetooth audio player.
- The sound of the Bluetooth audio player will be muted when the phone is in use.
- When the Bluetooth audio player is in use, you cannot connect to a Bluetooth telephone automatically.
- Playback continues even if you switch from the Bluetooth audio player to another source while listening to a song.
- Depending on the type of Bluetooth audio player you have connected to this unit, operation and information display may not be available for some functions.

Setting up for Bluetooth audio

Before you can use the Bluetooth audio function you must set up the unit for use with your Bluetooth audio player. You will need to pair this unit with your Bluetooth audio player.

- Connection
Use the Bluetooth telephone connection menu. Refer to *Connection menu operation* on page 12.

Basic operations



- Device name
Shows the device name of the connected Bluetooth audio player.
- Track number indicator

- PLAY/PAUSE** indicator
- S.Rtrv** indicator
Appears when Sound Retriever function is on.
- Song time (progress bar)
- Play time indicator

Fast forwarding or reversing
① Turn and hold down LEVER to the right or left.
Selecting a track
① Turn LEVER .
Pausing and starting playback
① Press BAND /⏏.

Switching the display

Selecting the desired text information

- Press **⇌**/DISP.

Function settings

- Press **M.C.** to display the main menu.
- Turn **M.C.** to change the menu option and press to select **FUNCTION**.
- Turn **M.C.** to select the function.
Once selected, the following functions can be adjusted.

Play (play)

- Press **M.C.** to start playback.

Stop (stop)

- Press **M.C.** to stop the playback.

Pause (pause)

- Press **M.C.** to pause or resume.

Random (random play)

Using this unit

- Press **M.C.** to turn random play on or off.
 - This function may not be available depending on the type of Bluetooth audio player connected.
 - The random play range varies depending on the Bluetooth audio player in use.

Repeat (repeat play)

- Press **M.C.** to select a repeat play range.
 - This function may not be available depending on the type of Bluetooth audio player connected.
 - The repeat play range varies depending on the Bluetooth audio player in use.

Sound Retriever (sound retriever)

- Press **M.C.** to select the desired setting.
1—2—OFF (off)
1 is effective for low compression rates, and **2** is effective for high compression rates.

- You need to connect to the Internet via 3G, EDGE or Wi-Fi network to use the service from Pandora.

Limitations:

- Depending on the availability to the Internet, you may not be able to receive Pandora service.
- Pandora service is subject to change without notice. The service could be affected by any of the following: firmware versions of iPhone, firmware versions of Pandora application, changes to the Pandora music service.
- Certain functions of the Pandora service are not available when accessing the service through the Pioneer car audio/video products. They include, but not limited to the following: creating new stations, deleting stations, sending information about current stations, buying tracks from iTunes, viewing additional text information, logging in to Pandora, adjusting Cell Network Audio Quality.

Streaming Pandora®

IMPORTANT:

Requirements to access Pandora using the Pioneer car audio/video products:

- Please update the firmware of the Pandora application to the latest version before use.
- The latest version of the Pandora application can be downloaded on iTunes App Store and Google Play.
- Create a free or a paid account online. You can create the account in the Pandora application from your iPhone or on the website. The URL in the following
- If the Data Plan for your iPhone does not provide for unlimited data usage, additional charges from your carrier may apply for accessing the Pandora service via 3G and/or EDGE networks.

Starting procedure for iPhone users

- Connect an iPhone to USB cable.
- Select **Wired in APP CONNECT MODE**. For details, refer to **APP CONNECT MODE (APP connect mode setting)** on page 20.
If using DEH-X7600HD and DEH-X7600S, proceed to the next step.
- Switch the source to Pandora.
- Start up the application on the iPhone and initiate playback.

Using this unit

Starting procedure for smartphone users

Only for DEH-X9600BHS, DEH-X8600BH and DEH-X8600BS

1 Connect your smartphone to this unit using Bluetooth wireless technology. For details, refer to Connection menu operation on page 12.

2 Select Bluetooth in APP CONNECT MODE. For details, refer to APP CONNECT MODE (APP connect mode setting) on page 20.

3 Switch the source to Pandora.

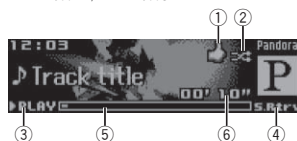
The smartphone application will start up automatically. If it fails to start, follow the instructions on the screen to attempt to resolve the problem.

Basic operations

DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS



DEH-X7600HD/DEH-X7600S



- ① Thumbs Up/Thumbs Down indicator
- ② Shuffle indicator
- ③ **PLAY/PAUSE** indicator
- ④ **S.Rtrv** indicator

Appears when Sound Retriever function is on.

- ⑤ Song time (progress bar)
- ⑥ Play time indicator

Playing tracks

For details, refer to *Starting procedure for iPhone users* on page 14 or *Starting procedure for smartphone users* on page 15.

Skipping tracks

- ① Turn **LEVER** to the right.

Pausing playback

- ① Press **BAND/** to pause or resume.

Giving a Thumbs Up

- ① Press **UP** to give a "Thumbs Up" for the track currently playing.

Giving a Thumbs Down

- ① Press **DOWN** to give a "Thumbs Down" for the track currently playing and to skip to the next track.

Switching the display

Selecting the desired text information

- Press **DISP**.

Note

Depending on the station, text information can be changed.

Selecting and playing the Shuffle/station list

The display shown on this unit may not be the same as that shown on the connected device.

- 1 Press **Q** (list) to switch to the Shuffle/station list mode.**

Using this unit

2 Use M.C. to select the Shuffle or desired station.

Changing the sort order

- ① Press **Q** (list).
 - **ABC** – You can sort the items in the list alphabetically
 - **DATE** – You can sort the items in the list in order of the dates on which the items were created

Changing Shuffle or stations

- ① Turn **M.C.**

Playing

- ① When Shuffle or the station is selected, press **M.C.**

Deleting stations

- ① When station is selected, press and hold **M.C.**
DELETE YES appears.
 To cancel, press **DISP**. You will return to the previous level.
- ② Press **M.C.**
 The station will be deleted.

A new station will be created from the information for the selected artist, track, or genre.

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

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

From Track (from track)—**From Artist** (from artist)—**From Genre** (from genre)

- ③ Press **M.C.** to select.

Selecting **From Track** or **From Artist** creates a new station.

If selecting **From Genre**, complete the procedures outlined below.

- ④ Turn **M.C.** to select a genre.

- ⑤ Press **M.C.** to select.

- ⑥ Turn **M.C.** to select a station.

- ⑦ Press **M.C.** to select.

A new station is created.

- You can also switch to **New station** by pressing and holding **Q**.

Pause (pause)

- ① Press **M.C.** to pause or resume.

Sound Retriever (sound retriever)

- ① Press **M.C.** to select the desired setting.

1—2—OFF (off)

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.**

Once selected, the following functions can be adjusted.

Bookmark (bookmark)

- ① Press **M.C.** to store track information.

New station (new station)

Using connected device applications

You can use this unit to perform streaming playback of and control tracks in iPhone or smartphone applications or just for streaming playback.

Using this unit

Important

Use of third party apps may involve or require the provision of personally identifiable information, whether through the creation of a user account or otherwise, and for certain applications, the provision of geolocation data. ALL THIRD PARTY APPS ARE THE SOLE RESPONSIBILITY OF THE PROVIDERS, INCLUDING WITHOUT LIMITATION COLLECTION AND SECURITY OF USER DATA AND PRIVACY PRACTICES. BY ACCESSING THIRD PARTY APPS, YOU AGREE TO REVIEW THE TERMS OF SERVICE AND PRIVACY POLICIES OF THE PROVIDERS. IF YOU DO NOT AGREE WITH THE TERMS OR POLICIES OF ANY PROVIDER OR DO NOT CONSENT TO THE USE OF GEOLOCATION DATA WHERE APPLICABLE, DO NOT USE THAT THIRD PARTY APP.

Information for compatibility of connected devices

The following is the detailed information regarding the terminals required to use the application for iPhone or smartphone on this unit.

For iPhone users

- This function is compatible with iPhone and iPod touch.
- The device has iOS 5.0 or higher.

For smartphone users

- The device has Android OS 2.3 or later.
- The device supports Bluetooth SPP (Serial Port Profile) and A2DP (Advanced Audio Distribution Profile).
- The device is connected to this unit via Bluetooth.
- Compatibility with all Android devices is not guaranteed.

For details about Android device compatibility with this unit, refer to the information on our website.

Notes

- Please check our website for a list of supported iPhone or smartphone applications for this unit.
- Pioneer is not liable for any issues that may arise from incorrect or flawed app-based content.
- The content and functionality of the supported applications are the responsibility of the App providers.

Starting procedure for iPhone users

1 Connect an iPhone to USB cable.

2 Select Wired in APP CONNECT MODE. For details, refer to APP CONNECT MODE (APP connect mode setting) on page 20.

If using DEH-X7600HD and DEH-X7600S, proceed to the next step.

3 Switch the source to App.

4 Start up the application on the iPhone and initiate playback.

Starting procedure for smartphone users

Only for DEH-X9600BHS, DEH-X8600BH and DEH-X8600BS

1 Connect your smartphone to this unit using Bluetooth wireless technology. For details, refer to Connection menu operation on page 12.

2 Select Bluetooth in APP CONNECT MODE. For details, refer to APP CONNECT MODE (APP connect mode setting) on page 20.

Using this unit

3 Switch the source to App.

4 Start up the application on the smartphone and initiate playback.

Basic operations

DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS



DEH-X7600HD/DEH-X7600S



- ① Application name
- ② PLAY/PAUSE indicator
- ③ S.Rtrv indicator
Appears when Sound Retriever function is on.
- ④ Song time (progress bar)
- ⑤ Play time indicator

Selecting a track

- ① Turn **LEVER**.

Fast forwarding or reversing

- ① Turn and hold down **LEVER** to the right or left.

Pausing playback

- ① Press **BAND**/**↔** to pause or resume.

- Press **↔**/DISP.

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.

Once selected, the following functions can be adjusted.

Pause (pause)

- ① Press **M.C.** to pause or resume.

Sound Retriever (sound retriever)

- ① Press **M.C.** to select the desired setting.
1—2—OFF (off)
1 is effective for low compression rates, and 2 is effective for high compression rates.

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.

Once selected, the following audio functions can be adjusted.

- The cut-off frequency and output level can be adjusted when the subwoofer output is on.
- SLA is not available when FM is selected as the source.

Switching the display

Selecting the desired text information

Using this unit

Fader/Balance (fader/balance adjustment)

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to cycle between fader (front/rear) and balance (left/right).
- 3 Turn **M.C.** to adjust the front/rear speaker balance.
Turn **M.C.** to adjust the left/right 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—SuperBass

G.EQ (equalizer adjustment)

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

- **Custom1** can be set separately for each source. However, each of the below combinations are set to the same setting automatically.
 - **USB, iPod, Pandora** (iPhone), and **App** (iPhone)
 - **BT Audio, Pandora** (smartphone), and **App** (smartphone)
 - **Custom2** is a shared setting used in common for all sources.
- 1 Press **M.C.** to display the setting mode.
 - 2 Press **M.C.** to cycle between the following:
Equalizer band—Equalizer level
 - 3 Turn **M.C.** to select the desired setting.
Equalizer band: **100Hz—315Hz—1.25kHz—3.15kHz—8kHz**
Equalizer level: **+6 to -6**

Loudness (loudness)

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

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to turn loudness on or off.
- 3 Turn **M.C.** to select the desired setting.
Low (low)—**Mid** (mid)—**High** (high)

Subwoofer1 (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 Press **M.C.** to turn subwoofer output on or off.
- 3 Turn **M.C.** to select the phase for the subwoofer output.
Turn **M.C.** to the left to select reverse phase, and **Reverse** appears in the display. Turn **M.C.** to the right to select normal phase, and **Normal** appears in the display.

Subwoofer2 (subwoofer adjustment)

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 the cut-off frequency and the output level for the subwoofer.
- 3 Turn **M.C.** to select the cut-off frequency.
50Hz—63Hz—80Hz—100Hz—125Hz
- 4 Turn **M.C.** to adjust the output level for the subwoofer.
+6 to -24 is displayed as the level is increased or decreased.

Bass Booster (bass boost)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select a desired level.
0 to +6 is displayed as the level is increased or decreased.

HPF (high pass filter adjustment)

Using this unit

Use this function when wanting to listen only to high-frequency sounds. Only frequencies higher than the high-pass filter (HPF) cutoff are output from the speakers.

- 1 Press **M.C.** to display the setting mode.
- 2 Press **M.C.** to turn high pass filter on or off.
- 3 Turn **M.C.** to select the cut-off frequency.
50Hz—63Hz—80Hz—100Hz—125Hz

SLA (source level adjustment)

This function prevents the volume from changing too dramatically when the source switches.

- Settings are based on the FM volume level, which remains unchanged.
- The AM volume level can also be adjusted with this function.
- Each of the below combinations are set to the same setting automatically.
 - **USB, iPod, Pandora** (iPhone), and **App** (iPhone)
 - **BT Audio, Pandora** (smartphone), and **App** (smartphone)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to adjust the source volume.
Adjustment range: **+4 to -4**

Using different entertainment displays



You can enjoy entertainment displays while listening to each sound source.

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

3 Turn M.C. to select the desired setting.

Simple display—background visual—genre—background picture 1—background picture 2—background picture 3—background picture 4—spectrum analyzer—level indicator—movie screen—calendar

4 Press M.C. to select.

Notes

- Genre display changes depending on the genre of music.
- Genre display may not work correctly depending on the application used to encode audio files.
- If the source is set to **SiriusXM, HD Radio, Radio**, or **AUX**, the simple display will show even if spectrum analyzer or level indicator is chosen.

Selecting the illumination color



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

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

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

Once selected, the following illumination functions can be adjusted.

- **Phone** is not available for DEH-X7600HD and DEH-X7600S.

Using this unit

Key Side (key section color setting)

You can select desired colors for the keys of this unit.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - Preset colors (ranging from **White** to **Blue**)
 - **Scan** (cycle through a variety of colors automatically)
 - **Custom** (customized illumination color)

Display Side (display section color setting)

You can select the desired colors for the display of this unit.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - Preset colors (ranging from **White** to **Blue**)
 - **Scan** (cycle through a variety of colors automatically)
 - **Custom** (customized illumination color)

Key & Display (key and display color setting)

You can select the desired colors for the keys and display of this unit.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - Preset colors (ranging from **White** to **Blue**)
 - **Scan** (cycle through a variety of colors automatically)

Phone (phone color setting)

You can select the desired key colors to display when an incoming call is received.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - **Flashing** – The color selected from **Key Side** flashes.
 - **Flash FX 1 to Flash FX 6** – The system automatically cycles through all available key colors for this unit. Select the desired mode.
 - **OFF** – No change in key color made when incoming calls are received.

ILLUMI FX (illumination effect mode)

When this mode is enabled, an illumination effect with lights that slowly fade in and out in a set pattern will appear on the display and keys to signify changes.

- 1 Press **M.C.** to turn **ILLUMI FX** on or off.
 - The illumination effect will activate when the ACC power is turned on/off regardless of whether the **ILLUMI FX** setting is on or off.

Note

When **Custom** is selected, the customized color saved is selected.

Customizing the illumination color

You can create custom illumination colors for both **Key Side** and **Display Side**.

- 1 Press **M.C.** to display the main menu.
- 2 Turn **M.C.** to display **ILLUMINATION** and press to select.
- 3 Turn **M.C.** to display **Key Side** or **Display Side**. Press to select.
- 4 Press **M.C.** and hold until the customizing illumination color setting appears in the display.
- 5 Press **M.C.** to select the primary color.
R (red)—G (green)—B (blue)
- 6 Turn **M.C.** to adjust the brightness level.
Adjustment range: **0** to **60**
 - You cannot select a level below **20** for all three of **R** (red), **G** (green), and **B** (blue) at the same time.
 - You can also perform the same operation on other colors.

Using this unit

Note

You cannot create a custom illumination color while **Scan** is selected.

About MIXTRAX

MIXTRAX technology is used to insert a variety of sound effects in between songs, allowing you to experience your music as a nonstop mix complete with visual effects.

Notes

- Depending on the file/song, sound effects may not be available.
- Turn MIXTRAX off if the visual effects it produces have adverse effects on driving. Refer to *Operations using the MIXTRAX button* on page 9.

MIXTRAX menu



- 1 Press **M.C.** to display the main menu.
- 2 Turn **M.C.** to change the menu option and press to select **MIXTRAX**.
- 3 Turn **M.C.** to select the **MIXTRAX** function.
Once selected, the following MIXTRAX functions can be adjusted. The function is enabled when MIXTRAX is on.

SHORT PLAYBACK (short playback mode)

You can select the length of the playback time.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - **1.0 MIN** (1.0 minute)—**1.5 MIN** (1.5 minutes)—**2.0 MIN** (2.0 minutes)—**2.5 MIN** (2.5 minutes)—**3.0 MIN** (3.0 minutes)—**Random** (random)
 - OFF** (off)

FLASH AREA (flash area)

You can select areas for flashing colors.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - **Key & Display** (key and display)—**KEY SIDE** (key section)—**OFF** (off)
 - When **OFF** is selected, the color set under **ILLUMINATION** is used as the display color.

Flashing Color (flash pattern)

The flashing color and MIXTRAX special effects display change with changes in the sound and bass levels.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
 - **Sound Level Mode Color 1 to Color 6** – The flash pattern changes according to the sound level. Select a desired mode.
 - **Low Pass Mode Color 1 to Color 6** – The flash pattern changes according to the bass level. Select a desired mode.
 - **Flashing Color Random** – The flash pattern changes randomly according to the sound level mode and low pass mode.
 - **Sound Level Mode Random** – The flash pattern changes randomly according to the sound level mode.
 - **Low Pass Mode Random** – The flash pattern changes randomly according to the low pass mode.

DISP EFFECT (display effect)

Using this unit

The MIXTRAX special effects display can be turned on or off.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.

MIXTRAX 1 (MIXTRAX special effects display 1)—**MIXTRAX 2** (MIXTRAX special effects display 2)—**OFF** (normal display)

CUT IN EFFECT (manual cut-in effect)

You can turn on or off the MIXTRAX sound effects while manually changing tracks.

- 1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

MIX Settings (MIXTRAX settings)

For details, refer to *MIXTRAX settings* on page 19.

Note

SHORT PLAYBACK, **CUT IN EFFECT**, and **MIX Settings** are disabled while the MIXTRAX App is in use with the source set to **App**. The MIXTRAX App settings are given priority over other settings.

MIXTRAX settings

You can change the settings for fixed sounds and sound effects.

- The fixed sound settings can be changed from **MIX Fixed**.
- The sound effect settings can be changed from any of the following menus:
LOOP EFFECT, **Flanger EFFECT**, **Echo EFFECT**, **Crush EFFECT**, and **Crossfade EFFECT**.

1 Display MIX Settings.

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

3 Turn M.C. to select the function.

Once selected, the following functions can be adjusted.

MIX Fixed (MIXTRAX sound effects)

The fixed sounds can be removed from MIXTRAX sound effects.

- 1 Press **M.C.** to select the desired setting.
ON (fixed sounds and sound effects)—**OFF** (sound effects)

LOOP EFFECT (loop effect)

The loop effect, which is inserted at the end of each song automatically, can be removed from the sound effect.

- 1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

Flanger EFFECT (flanger effect)

The flanger effect can be removed from the sound effect.

- 1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

Echo EFFECT (echo effect)

The echo effect can be removed from the sound effect.

- 1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

Crush EFFECT (crush effect)

The crush effect can be removed from the sound effect.

- 1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

Crossfade EFFECT (crossfade effect)

The crossfade effect can be removed from the sound effect.

- 1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

Note

Flanger EFFECT, **Crush EFFECT** and **Crossfade EFFECT** are not available when **iPod** is selected as the source.

Using this unit

System menu



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

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

3 Turn M.C. to select the system menu function.

Once selected, the following system menu functions can be adjusted.

- **BT AUDIO**, **Clear memory**, **BT Version Info**, and **APP CONNECT MODE** are not available for DEH-X7600HD and DEH-X7600S.

Language select (multi-language)

- 1 Press **M.C.** to select the language.
English—Français—Español

Calendar (setting the date)

- 1 Press **M.C.** to select the segment of the calendar display you wish to set.
Year—Day—Month
- 2 Turn **M.C.** to set the date.

Clock Setting (setting the clock)

- 1 Press **M.C.** to select the segment of the clock display you wish to set.
Hour—Minute—Time notation
- 2 Turn **M.C.** to adjust the clock.

EngineTime alert (elapsed time display setting)

This setting displays how much time has elapsed since the machine was turned on.

- You can set a timer and an alarm.
- 1 Press **M.C.** to select the desired setting.
OFF—15Minutes—30Minutes

Clock (clock display setting)

You can set the clock to display even if the unit is turned off.

- 1 Press **M.C.** to select the desired setting.
ON (clock display)—**Elapsed time** (elapsed time display)—**OFF** (clock off)

Warning tone (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 **AUX** on or off.

BRIGHTNESS (brightness adjustment)

You can use this setting to adjust the display brightness.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
Adjustment range: **5** to **1**

Contrast (display contrast setting)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to adjust the contrast level.
0 to **15** is displayed as the level is increased or decreased.

Ever-scroll (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.

BT AUDIO (Bluetooth audio activation)

Using this unit

You need to activate the **BT Audio** source in order to use a Bluetooth audio player.

- 1 Press **M.C.** to turn the **BT Audio** source on or off.

Clear memory (clearing the Bluetooth device data stored on this unit)

Bluetooth device data stored on this unit can be cleared. To protect your personal information, clear the device memory before you pass the unit on to someone else. The following information will be deleted.

Device list/PIN code/call history/phone book

- 1 Press **M.C.** to show the confirmation display. **Clear memory YES** is displayed. Clearing memory is now on standby.
If you do not want to clear the Bluetooth device data stored on this unit, turn **M.C.** to display **Cancel** and press it again to select.
- 2 Press **M.C.** to clear the memory. **Cleared** is displayed and the Bluetooth device data is cleared.
 - While this function is in use, do not turn off the engine.

BT Version Info. (Bluetooth version display)

You can display the system versions of this unit and of Bluetooth module.

APP CONNECT MODE (APP connect mode setting)

Select an appropriate option for your connected device.

- 1 Press **M.C.** to select the desired setting.
 - Wired** (for iPhone)—**Bluetooth** (for smartphone)
 - This setting is not available when the source is set to **Pandora** or **App**.

Set up menu

- 1 Press and hold **SRC/OFF** until the unit turns off.
- 2 Press **M.C.** to display the main menu.
- 3 Turn **M.C.** to change the menu option and press to select **SETUP**.
- 4 Turn **M.C.** to select the set up menu function.
Once selected, the following set up menu functions can be adjusted.

- **Software Update** is not available for DEH-X7600HD and DEH-X7600S.
- **SXM RESET** is not available for DEH-X8600BH and DEH-X7600HD.

S/W control (rear output and subwoofer setting)

This unit's rear output (rear speaker leads output and RCA rear output) can be used for full-range speaker (**Rear SP:F.Range**) or subwoofer (**Rear SP:S/W**) connection. If you switch the rear output setting to **Rear SP:S/W**, you can connect a rear speaker lead directly to a subwoofer without using an auxiliary amp.

- 1 Press **M.C.** to switch the rear output setting.
 - When no subwoofer is connected to the rear output, select **Rear SP:F.Range** (full-range speaker).
 - When a subwoofer is connected to the rear output, select **Rear SP:S/W** (subwoofer).
- Even if you change this setting, there will be no output unless you turn the subwoofer output on (refer to **Subwoofer1** (subwoofer on/off setting) on page 17).
- If you change this setting, subwoofer output in the audio menu will return to the factory settings.
- Both rear speaker lead outputs and RCA rear output are switched simultaneously in this setting.

Using this unit

Software Update (updating the software)

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

- Never turn the unit off while the Bluetooth software is being updated.
- 1 Press **M.C.** to start updating.
Follow the on-screen instructions to finish updating the Bluetooth software.

SXM RESET (SiriusXM Reset)

The SiriusXM settings will be reset to the default settings.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to switch to **YES**.
 - To cancel, turn **M.C.** to display **Cancel**.
- 3 Press **M.C.** to select.
 - A **Completed** message will appear once the settings have been reset.

Note

AUX cannot be selected unless the auxiliary setting is turned on. For more details, refer to **AUX** (auxiliary input) on page 19.

Turning the display off or on

- Press and hold **MIX/DISP OFF** until the display turns on or off.

If an unwanted display appears

Turn off the unwanted display using the procedures listed below.

- 1 Press **M.C.** to display the main menu.
- 2 Turn **M.C.** to change the menu option and press to select **SYSTEM**.
- 3 Turn **M.C.** to display **DEMO OFF** and press to select.
- 4 Turn **M.C.** to switch to **YES**.
- 5 Press **M.C.** to select.

Using tag information

Storing the tag information to this unit

- 1 Tune to a music channel.
- 2 Press and hold **↔/DISP** if **TAG** is indicated in the display.
 - If the Pandora source is available: The tag menu will appear. For details, refer to **Tag menu** on page 21.
 - If the Pandora source is not available: Tagged information will be stored on this unit.
 - While storing the tag data on this unit, **TAG** flashes.

System menu

- 1 Press and hold **SRC/OFF** until the unit turns off.
- 2 Press **M.C.** to display the main menu.
- 3 Turn **M.C.** to change the menu option and press to select **SYSTEM**.

- 4 Turn **M.C.** to select the system menu function.

For details, refer to *System menu* on page 19.

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.

Using this unit

- Not all songs will be available for **TAG**.

Storing the tagged information to your iPod

DEH-X9600BHS

1 Switch the source to iPod.

The tag transfer screen is displayed.

2 Turn M.C. to switch to YES.

3 Press M.C. to select.

Tagged information is transferred to your iPod.

Notes

- You can also transfer tagged information using **Tags transfer**. For details, refer to **Tags transfer** (*Tags transfer*) on page 11.
- Tags transfer will stop if the source is changed from **iPod1** to **iPod2**, or from **iPod2** to **iPod1** while tagged information is being transferred.

DEH-X8600BH/DEH-X7600HD/DEH-X8600BS/DEH-X7600S

- The tag information on this unit is transferred to the iPod automatically when an iPod is connected.

Tag menu

1 Press and hold $\Rightarrow$ /DISP.

- **Radio** and **iPod**: The display will move to

Station. For details, refer to **Station** (*new station*) on page 21.

- **SiriusXM** and **HD Radio**: The tag menu will appear on the display. Proceed to the next step to continue.

2 Turn M.C. to select the tag function.

Once selected, the following set up menu functions can be adjusted.

Station (new station)

You can create a new Pandora station based on the tagged information.

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

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

Track (from track)—**Artist** (from artist)

- 3 Press **M.C.** to select.

Switches to the **Pandora** source and displays the list of Pandora stations.

- 4 Turn **M.C.** to select the desired station.

- 5 Press **M.C.** to select.

A new station is created.

Tagging (storing tagged information)

You can store tagged information to this unit.

- 1 Press **M.C.** to store the tagged information to this unit.

For transferring the tagged information stored on this unit to your iPod, refer to *Storing the tagged information to your iPod* on page 21.

Notes

- This function is disabled when there is no tagged information available.
- This menu is enabled when the Pandora source is available.

Available accessories

SiriusXM Satellite Radio

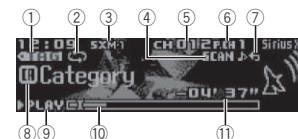
Only for DEH-X9600BHS, DEH-X8600BS and DEH-X7600S

You can use this unit to control SiriusXM Connect Vehicle Tuner, which is sold separately. For more information on how to install SiriusXM Connect Vehicle Tuner, consult the installation guide included with the tuner. Everything worth listening to is on SiriusXM. You'll find channels and channels of programming, including commercial-free music, plus the best sports, news, talk and exclusive entertainment.

For Canadian Subscriptions:

- The SiriusXM satellites will send an activation message to your tuner. When the tuner has received the message, "**Subscription Updated**" is displayed. Press any key to clear the activation message. The activation process usually takes 10 minutes to 15 minutes but may take up to an hour in some cases. Do not turn off the unit until you clear the activation message by pressing any key.

Basic operations



- 1 **TAG** indicator
- 2 Tags transferring indicator
- 3 SiriusXM band indicator
- 4 Scan play indicator
- 5 SiriusXM channel number indicator
- 6 SiriusXM preset number indicator
- 7 Replay indicator
- 8 Title icon indicator
 - (Channel Name)
 - (Artist Name)
 - (Song Title)
 - (Content Info)
 - (Category)
- 9 **PLAY/PAUSE** indicator
- 10 Progress bar
- 11 Time until the live broadcast starts

To subscribe to the SiriusXM Satellite Radio service

1 Switch the source to SiriusXM.

You should be able to tune in to Channel 1. If you cannot get Channel 1, make sure that your SiriusXM Connect Vehicle Tuner is installed correctly as described in the tuner installation guide.

2 Switch to Channel 0 and check the Radio ID.

The SiriusXM Radio ID can be found by tuning to Channel 0. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner.

Please note that the SiriusXM Radio ID does not include the letters I, O, S or F.

You will need this number to activate your subscription.

3 Activate the SiriusXM service online or by phone.

For US Subscriptions

Available accessories

Selecting a band 1 Press BAND/⏮ . • Band can be selected from SXM-1 , SXM-2 or SXM-3 .
Returning to the current live broadcast 1 Press and hold BAND/⏮ .
Selecting a channel This function is available when Channel is selected in Operate Mode . 1 Turn LEVER . • By turning and holding down LEVER , you can increase or decrease the channel number continuously.
Skip backward or forward This function is available when Replay is selected in Operate Mode . 1 Turn LEVER to left to skip back and to the right to skip forward.
Fast forwarding or fast rewind This function is available when Replay is selected in Operate Mode . 1 Turn and hold down LEVER to the left to fast rewind and to the right to fast forward.

Note

For details about **Operate Mode**, refer to **Operate Mode** (*operation mode setting*) on page 23.

Switching the display

Selecting the desired text information

● Press ⇄/DISP.

Channel Name/playback time—Artist Name/playback time—Song Title/playback time—Content Info/playback time—Category/playback time

Notes

- Depending on the channel, text information can be changed.

- Text information may change during TuneScan.

Replay™

You can pause, rewind and replay the current live channel as well as when you tune to one of your channels stored on the current band of presets.

TuneStart™

Automatically start songs from the beginning when you tune to one of your preset music channels stored on the current band of presets. For details, refer to **Tune Start** (*TuneStart*) on page 23.

Note

TuneStart and Replay for preset channels are compatible with SXV200 or later tuner models. Not compatible with SXV100.

Scan options

You can scan through channels within categories or songs from your preset channels.

TuneScan™

Scan through short previews of songs you may have missed on music channels stored on the current band of presets. Each song in the current channel plays for six seconds at a time.

For details, refer to **Tune Scan** (*scanning the songs*) on page 23.

Note

TuneScan is compatible with SXV200 or later tuner models. Not compatible with SXV100.

Category scan

The live broadcast for each channel in the current category plays for six seconds at a time.

Available accessories

For details, refer to *Selecting a channel from the category list* on page 22.

Selecting the channel or song playing 1 Press M.C. .
Switching to the next/previous song during the TuneScan 1 Turn LEVER .
Switching to the next/previous channel during the category scan 1 Turn LEVER .
Quitting a scan The last channel or song will continue to play when scan ends. 1 Press BAND/⏮ .

List menu

You can select a channel from the list.

Selecting a channel from the all channel list

You can select a channel from any of the available channels.

- Press **Q** (list).
- Turn **M.C.** to display **All Channels** and press to select.
- Turn **M.C.** to select a channel.
 - Press **Q** to change the display. Channel Name—Artist Name—Song Title—Content Info
- Press **M.C.** to tune to the channel.

Setting preset channels

You can store your favorite channels as presets and recall them later on.

- Press **Q** (list).
- Turn **M.C.** to display **Presets** and press to select.
- Turn **M.C.** to select a preset channel.
- Press and hold **M.C.** to store the current channel as a preset.
- Press **M.C.** to recall the preset channel.
 - You can tune the preset channel up or down manually by pressing **UP** or **DOWN**.

Selecting a channel from the category list

You can select a channel from the current category. The available categories will depend on the available channels.

- Press **Q** (list).
- Turn **M.C.** to display **Category** and press to select.
- Turn **M.C.** to select a channel.
 - Press **Q** to change the display. Channel Name—Artist Name—Song Title—Content Info
 - Press and hold **M.C.** to switch to scan play. For details, refer to *Scan options* on page 22.
- Press **M.C.** to tune to the channel.

Using tag information

For details, refer to *Using tag information* on page 20.

For more details about iTunes tagging, refer to *About iTunes tagging* on page 31.

Available accessories

Operation mode setting

- Press and hold  to select the desired setting.

Channel (channel)—**Replay** (Replay)

Function and operation

- 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.

Once selected, the following functions can be adjusted.

Pause (pause)

Press **M.C.** to pause or resume.

Operate Mode (operation mode setting)

- 1 Press **M.C.** to select the desired setting.
Channel (channel)—**Replay** (Replay)

Tune Scan (scanning the songs)

- 1 Press **M.C.** to switch to scan play. For details, refer to *Scan options* on page 22.

Tune Start (TuneStart)

You can select where to start the broadcast when switching to a preset music channel.

- 1 Press **M.C.** to select the desired setting.
 - **ON** – The broadcast will start from the beginning of a song when tuning to a preset music channel (when available).
 - **OFF** – The broadcast will play from the live point when tuning to a preset music channel.

P-C Passcode (Parental Control)

For details, refer to *Setting Parental Control* on page 23.

Setting Parental Control

The Parental Control feature allows you to limit access to any SiriusXM channels, including those with mature content.

When enabled, the Parental Control feature requires you to enter a passcode to tune to the locked channels.

Locked channels are indicated by a **Channel Locked** symbol.

- 1 Display **P-C Passcode**.

- 2 Press **M.C.** to display the passcode input screen.

The default passcode is 0000.

- 3 Turn **M.C.** to select a number.

- 4 Press **M.C.** to move the cursor to the next position.

- 5 After inputting passcode, press **M.C.**

You will be able to proceed to the next step if you enter the correct passcode.

- 6 Turn **M.C.** to select the function.

Once selected, the following functions can be adjusted.

Locked Channels (locking the channels)

Access to the current broadcast channel can be locked. You will need to enter your passcode in order to access a locked channel.

- 1 Press **M.C.** to select the desired setting.
- 2 Press **M.C.** to turn the lock on or off.

Clear all (clearing all channel locks)

You can clear the locks from all locked channels at the same time.

- 1 Press **M.C.** to select the desired setting.
- 2 Turn **M.C.** to switch to **YES**.
- 3 Press **M.C.**

Available accessories

New Passcode (changing the passcode)

You can change your passcode.

- 1 Press **M.C.** to display the setting mode.
Enter your current passcode.
 - The default passcode is 0000.
- 2 Turn **M.C.** to select a number.
- 3 Press **M.C.** to move the cursor to the next position.
- 4 After inputting passcode, press **M.C.**
Enter a new passcode.
- 5 Turn **M.C.** to select a number.
- 6 Press **M.C.** to move the cursor to the next position.
- 7 After inputting passcode, press **M.C.**
The new passcode is saved.

Resetting to default

The SiriusXM settings will be reset to the default settings.

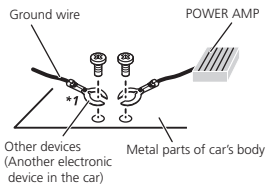
For details, refer to **SXM RESET** (*SiriusXM Reset*) on page 20.

Installation

Connections

⚠ WARNING

- Use speakers over 50 W (output value) and between 4 Ω to 8 Ω (impedance value). Do not use 1 Ω to 3 Ω speakers for this unit.
- The black cable is ground. When installing this unit or power amp (sold separately), make sure to connect the ground wire first. Ensure that the ground wire is properly connected to metal parts of the car's body. The ground wire of the power amp and the one of this unit or any other device must be connected to the car separately with different screws. If the screw for the ground wire loosens or falls out, it could result in fire, generation of smoke or malfunction.



*1 Non supplied for this unit

Important

- When installing this unit in a vehicle without an ACC (accessory) position on the ignition switch, failure to connect the red cable to the terminal that detects operation of the ignition key may result in battery drain.



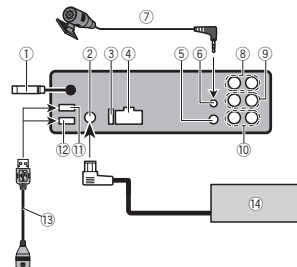
ACC position



No ACC position

- Use this unit with a 12-volt battery and negative grounding only. Failure to do so may result in a fire or malfunction.
- To prevent a short-circuit, overheating or malfunction, be sure to follow the directions below.
 - Disconnect the negative terminal of the battery before installation.
 - Secure the wiring with cable clamps or adhesive tape. Wrap adhesive tape around wiring that comes into contact with metal parts to protect the wiring.
 - Place all cables away from moving parts, such as the shift lever and seat rails.
 - Place all cables away from hot places, such as near the heater outlet.
 - Do not connect the yellow cable to the battery by passing it through the hole to the engine compartment.
 - Cover any disconnected cable connectors with insulating tape.
 - Do not shorten any cables.
 - Never cut the insulation of the power cable of this unit in order to share the power with other devices. The current capacity of the cable is limited.
 - Use a fuse of the rating prescribed.
 - Never wire the negative speaker cable directly to ground.
 - Never band together negative cables of multiple speakers.
- When this unit is on, control signals are sent through the blue/white cable. Connect this cable to the system remote control of an external power amp or the vehicle's auto-antenna relay control terminal (max. 300 mA 12VDC). If the vehicle is equipped with a glass antenna, connect it to the antenna booster power supply terminal.
- Never connect the blue/white cable to the power terminal of an external power amp. Also, never connect it to the power terminal of the auto antenna. Doing so may result in battery drain or a malfunction.

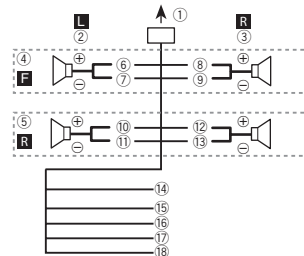
This unit



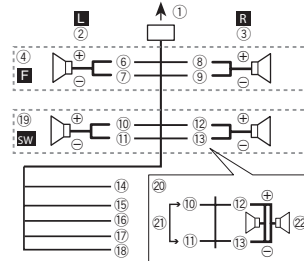
- Antenna input 15 cm (5-7/8 in.)
- SiriusXM Connect Vehicle Tuner input (DEH-X9600BHS, DEH-X8600BS and DEH-X7600S only)
- Fuse (10 A)
- Power cord input
- Wired remote input
Hard-wired remote control adapter can be connected (sold separately).
- Microphone input (DEH-X9600BHS, DEH-X8600BH and DEH-X8600BS only)
- Microphone (DEH-X9600BHS, DEH-X8600BH and DEH-X8600BS only)
4 m (13 ft. 1 in.)
- Rear output
- Front output
- Subwoofer output
- USB port 2 (DEH-X9600BHS only)
- USB port 1
- USB cable 1.5 m (4 ft. 11 in.)
 - If connecting both **USB1/iPod1** and **USB2/iPod2** at the same time, use a Pioneer USB cable (CD-U50E) in addition to the regular Pioneer USB cable.
- SiriusXM Connect Vehicle Tuner (sold separately)

Power cord

Perform these connections when not connecting a rear speaker lead to a subwoofer.



Perform these connections when using a subwoofer without the optional amplifier.



- To power cord input
- Left
- Right
- Front speaker
- Rear speaker
- White
- White/black
- Gray

Installation

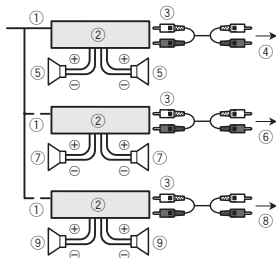
- ⑨ Gray/black
- ⑩ Green
- ⑪ Green/black
- ⑫ Violet
- ⑬ Violet/black
- ⑭ Black (chassis ground)
Connect to a clean, paint-free metal location.
- ⑮ Yellow
Connect to the constant 12 V supply terminal.
- ⑯ Red
Connect to terminal controlled by ignition switch (12 V DC).
- ⑰ Blue/white
Connect to system control terminal of the power amp or auto-antenna relay control terminal (max. 300 mA 12 V DC).
- ⑱ Orange/white
Connect to lighting switch terminal.
- ⑲ Subwoofer (4Ω)
- ⑳ When using a subwoofer of 70 W (2Ω), be sure to connect the subwoofer to the violet and violet/black leads of this unit. Do not connect anything to the green and green/black leads.
- ㉑ Not used.
- ㉒ Subwoofer (4Ω) × 2

Notes

- When using a two-speaker system, do not connect anything to speaker leads that are not connected to a speaker.
- Change the set up menu of this unit. Refer to **S/W control (rear output and subwoofer setting)** on page 20.
The subwoofer output of this unit is monaural.

Power amp (sold separately)

Perform these connections when using the optional amplifier.



- ① System remote control
Connect to Blue/white cable.
- ② Power amp (sold separately)
- ③ Connect with RCA cables (sold separately)
- ④ To Rear output
- ⑤ Rear speaker
- ⑥ To Front output
- ⑦ Front speaker
- ⑧ To subwoofer output
- ⑨ Subwoofer

Installation

Important

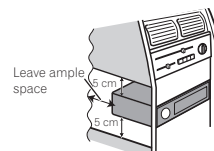
- Check all connections and systems before final installation.
- Do not use unauthorized parts as this may cause malfunctions.
- Consult your dealer if installation requires drilling of holes or other modifications to the vehicle.
- Do not install this unit where:
 - it may interfere with operation of the vehicle.
 - it may cause injury to a passenger as a result of a sudden stop.

Installation

- The semiconductor laser will be damaged if it overheats. Install this unit away from hot places such as near the heater outlet.
- Optimum performance is obtained when the unit is installed at an angle of less than 60°.



- When installing, to ensure proper heat dispersal when using this unit, make sure you leave ample space behind the rear panel and wrap any loose cables so they are not blocking the vents.



DIN front/rear mount

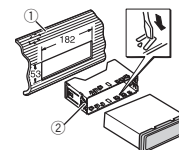
This unit can be properly installed using either front-mount or rear-mount installation. Use commercially available parts when installing.

DIN Front-mount

1 Insert the mounting sleeve into the dashboard.

For installation in shallow spaces, use the supplied mounting sleeve. If there is enough space, use the mounting sleeve that came with the vehicle.

2 Secure the mounting sleeve by using a screwdriver to bend the metal tabs (90°) into place.

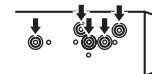


- ① Dashboard
- ② Mounting sleeve

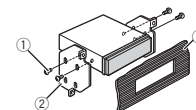
- Make sure that the unit is installed securely in place. An unstable installation may cause skipping or other malfunctions.

DIN Rear-mount

1 Determine the appropriate position where the holes on the bracket and the side of the unit match.



2 Tighten two screws on each side.

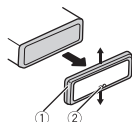


- ① Screw
- ② Mounting bracket
- ③ Dashboard or console
- Use either truss (5 mm × 8 mm) or flush surface (5 mm × 9 mm) screws, depending on the bracket screw holes.

Installation

Removing the unit

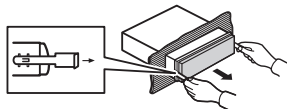
- 1 Remove the trim ring.



- ① Trim ring
- ② Notched tab
- Releasing the front panel allows easier access to the trim ring.
- When reattaching the trim ring, point the side with the notched tab down.

- 2 Insert the supplied extraction keys into both sides of the unit until they click into place.

- 3 Pull the unit out of the dashboard.



Removing and re-attaching the front panel

You can remove the front panel to protect your unit from theft.

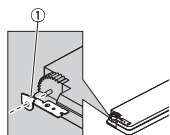
For details, refer to *Attaching the front panel* on page 5.

Fastening the front panel

Only for DEH-X9600BHS

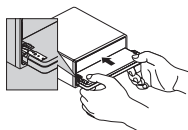
If you do not plan to detach the front panel, the front panel can be fastened with supplied screws and holders.

- 1 Attach the holders to both sides of the front panel.

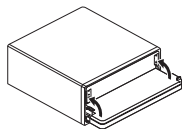


- ① Holder

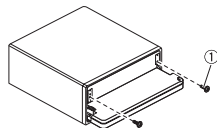
- 2 Replace the front panel to the unit.



- 3 Flip the holders into upright positions.



- 4 Fix the front panel to the unit using fixing screws.



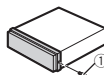
- ① Screw

Installation

Securing the front panel

Only for DEH-X8600BH, DEH-X7600HD, DEH-X8600BS and DEH-X7600S

The front panel can be secured with the supplied screw.



- ① Screw

Installing the microphone

Only for DEH-X9600BHS, DEH-X8600BH and DEH-X8600BS

CAUTION

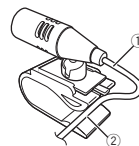
It is extremely dangerous to allow the microphone lead to become wound around the steering column or shift lever. Be sure to install the unit in such a way that it will not obstruct driving.

Notes

- Install the microphone in a position and orientation that will enable it to pick up the voice of the person operating the system.
- Use separately sold clamps to secure the lead where necessary inside the vehicle.

When installing the microphone on the sun visor

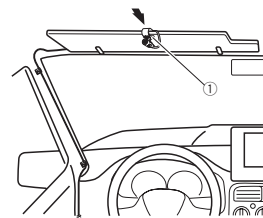
- 1 Fit the microphone lead into the groove.



- ① Microphone lead
- ② Groove

- 2 Install the microphone clip on the sun visor.

With the sun visor up, install the microphone clip. (Lowering the sun visor reduces the voice recognition rate.)



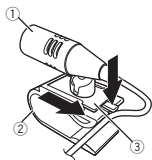
- ① Microphone clip

When installing the microphone on the steering column

- 1 Detach the microphone base from the microphone clip.

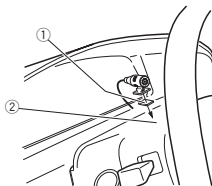
To detach the microphone base from the microphone clip, slide the microphone base.

Installation



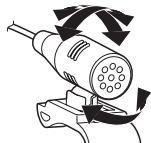
- ① Microphone
- ② Microphone clip
- ③ Microphone base

2 Install the microphone on the steering column.



- ① Double-sided tape
- ② Install the microphone on the rear side of the steering column.

Adjusting the microphone angle



Additional information

Troubleshooting

Symptoms are written in bold and causes in regular, non-indented text. Regular, indented text is used to indicate actions to be taken.

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 another folder or track is being selected or during fast forwarding/reversing.

Select the repeat play range again.

A subfolder is not played back.

Subfolders cannot be played when **Folder repeat** (folder repeat) is selected.

Select another repeat play range.

NO XXXX appears when a display is changed (NO TITLE, for example).

There is no embedded text information.

Switch the display or play another track/file.

No text information can be obtained.

- Switch the broadcast station.
- Operate this unit in areas with get good reception condition.

The unit is malfunctioning.

There is interference.

You are using a device, such as a cellular phone, that may cause audible interference.

Move electrical devices that may be causing the interference away from the unit.

The sound from the Bluetooth audio source is not played back.

There is a call in progress on a Bluetooth connected cellular phone.

The sound will be played back when the call is terminated.

A Bluetooth connected cellular phone is currently being operated.

Do not use the cellular phone at this time.

A call was made with a Bluetooth connected cellular phone and then immediately terminated. As a result, communication between this unit and the cellular phone was not terminated properly.

Reconnect the Bluetooth connection between this unit and the cellular phone.

The Bluetooth device cannot be paired with this unit.

The information for this unit registered to the Bluetooth device, or that for the Bluetooth device registered to this unit, was deleted somehow.

Delete the information for this unit registered to the Bluetooth device and that for the Bluetooth device registered to this unit, if not deleted already. Then, try pairing the Bluetooth device to this unit again.

Error messages

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

Error messages are written in bold and causes in regular, non-indented text. Regular, indented text is used to indicate actions to be taken.

Additional information

Common

AMP ERROR

This unit fails to operate or the speaker connection is incorrect; the protective circuit is activated.

Check the speaker connection. If the message fails to disappear even after the engine is switched off/on, contact your dealer or an authorized Pioneer Service Station for assistance.

ERROR

The device in use does not support voice recognition.

Switch to a device that does support voice recognition.

CD player

ERROR-07, 11, 12, 17, 30

The disc is dirty.
Clean the disc.

The disc is scratched.
Replace the disc.

ERROR-10, 11, 12, 15, 17, 30, A0

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.

ERROR-15

The inserted disc is blank.
Replace the disc.

ERROR-23

Unsupported CD format.
Replace the disc.

FORMAT READ

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.

NO AUDIO

The inserted disc does not contain any playable files.
Replace the disc.

SKIPPED

The inserted disc contains DRM protected files.
The protected files are skipped.

PROTECT

All the files on the inserted disc are embedded with DRM.
Replace the disc.

USB storage device/iPod

NO DEVICE

No USB storage device or iPod is connected.
Connect a compatible USB storage device/iPod.

FORMAT READ

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.

NO AUDIO

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.

Additional information

SKIPPED

The connected USB storage device contains DRM protected files.

The protected files are skipped.

PROTECT

All the files on the connected USB storage device are embedded with DRM.

Replace the USB storage device.

NOT COMPATIBLE

The connected USB device is not supported by this unit.

- Connect a USB Mass Storage Class compliant device.
- Disconnect your device and replace it with a compatible USB storage device.

CHECK USB

The USB connector or USB cable has short-circuited.

Check that the USB connector or USB cable is not caught in something or damaged.

CHECK USB

The connected USB storage device consumes more than 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.

CHECK USB

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.

ERROR-19

Communication failed.

Perform one of the following operations.
–Turn the ignition switch OFF and back ON.
–Disconnect the USB storage device.
–Change to a different source.
Then, return to the USB source.

iPod failure.

Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.

ERROR-23

USB storage device was not formatted with FAT12, FAT16 or FAT32.
USB storage device should be formatted with FAT12, FAT16 or FAT32.

ERROR-60

The database failed to save.

Perform one of the following operations.
–Turn the ignition switch OFF and back ON.
–Turn the source OFF and then back ON.
–Disconnect the USB storage device.

ERROR-16

The iPod firmware version is 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.

STOP

There are no songs in the current list.
Select a list that contains songs.

Not found

No related songs.
Transfer songs to the iPod.

Additional information

Bluetooth device

ERROR-10

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.

Pandora

ERROR-19

Communication failed.

Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.

Start up the Pandora Application

The Pandora application has not started running yet.

Start up the Pandora application from your iPhone.

Can't operate

The operation was disabled.

Run the same command for another track.

Try again later

Communications failed.

Try again later.

Skip limit reached

Skip limit reached.

- Do not exceed the skip limit.
- Due to music licensing restrictions, Pandora limits the total number of skips per hour.

Check Application

This version of the Pandora application is not supported.

Connect an iPhone that has a compatible version of the Pandora application installed.

Not logged in.

Log in to your account.

Check Device

Device error message displayed in Pandora application.

Unable to play music from Pandora.

Please check your connected device.

No Available Station

No station found.

Create a station in the Pandora application on your connected device.

No Active Stations

No station selected.

Select a station.

No BT device. Go to BT MENU to register.

No Bluetooth device found.

Follow the instructions that appear on the screen.

BT error. Press BAND key to retry.

Bluetooth connection failed.

Follow the instructions that appear on the screen.

Check Pandora. Press BAND key to retry.

Connection to the Pandora application failed.

Follow the instructions that appear on the screen.

Additional information

Start up Pandora. Press BAND key to retry.

Connection to the Pandora application failed.

Follow the instructions that appear on the screen.

Disconnected. Press BAND key to retry.

Bluetooth connection lost.

Follow the instructions that appear on the screen.

Stations Full Can't be Created

A new station cannot be added.

Delete an old station to open a spot for a new one.

Can't Be Deleted

The station could not be deleted.

Run the same command for another station.

No Network

The connected device is out of area.

Connect the connected device to a network.

No Service

The connected device is out of area.

Connect the connected device to a network.

Can't Play

The operation was disabled.

Run the same command for another station.

Application

No BT device. Go to BT MENU to register.

No Bluetooth device found.

Follow the instructions that appear on the screen.

BT error. Press BAND key to retry.

Bluetooth connection failed.

Follow the instructions that appear on the screen.

Check your App. Press BAND key to retry.

Connection to the application failed.

Follow the instructions that appear on the screen.

Start up and play your Application.

The application has not started running yet.

Follow the instructions that appear on the screen.

SiriusXM Satellite Radio

Check Antenna

The antenna connection is incorrect.

Check the antenna connection. If the message fails to disappear even after the engine is switched off/on, contact your dealer or an authorized Pioneer Service Station for assistance.

Check Tuner

The SiriusXM Connect Vehicle Tuner connection is incorrect or the power failed.

Check the tuner connection and battery voltage. If the message fails to disappear even after the engine is switched off/on, contact your dealer or an authorized Pioneer Service Station for assistance.

No Signal

The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.

- Verify that your vehicle is outdoors with a clear view of the southern sky.

Additional information

- Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside the vehicle.
- Move the SiriusXM antenna away from any obstructions.

Subscription Updated

This unit has detected a change in your SiriusXM subscription status.

Press any key to clear the message.

Not Available

The channel that you have requested is not a valid SiriusXM channel.

Check the SiriusXM channel lineup.

Not Subscribed

The channel that you have requested is not included in your SiriusXM subscription package.

Check the content of your SiriusXM subscription package.

Channel Locked

Locked by the Parental Control feature.

Release the channel lock.

Handling guidelines

Discs and player

Use only discs that feature either of the following two logos.



Use only conventional, fully circular discs.

The following types of discs cannot be used with this unit:

- DualDiscs
- 8-cm discs: Attempts to use such discs with an adapter may cause the unit to malfunction.
- Oddly shaped discs



- Discs other than CDs
- Damaged discs, including discs that are cracked, chipped or warped
- CD-R/RW discs that have not been finalized

Do not touch the recorded surface of the discs.

Store discs in their cases when not in use.

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. Let it rest for about one hour to adjust to a warmer temperature. Also, wipe any damp discs off 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.

Additional information

When using discs that can be printed on label surfaces, check the instructions and the warnings of the discs. Depending on the discs, inserting and ejecting may not be possible. Using such discs may result in damage to this equipment.

Do not attach commercially available labels or other materials to the discs.

- The discs may warp making the disc unplayable.
- The labels may come off during playback and prevent ejection of the discs, which may result in damage to the equipment.

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.

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 cause audible interference when you are listening to the radio.

iPod

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.

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.

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

CAUTION

Do not leave discs, a USB storage device, or an iPod in any place that is subject to high temperatures.

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: Not compatible

Additional information

MP3

File extension: .mp3

Bit rate: 8 kbps to 320 kbps (CBR), VBR

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: Not compatible

MP3i (MP3 interactive), mp3 PRO: Not compatible

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)

- You cannot use this function with **USB MTP**.

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: Not compatible

AAC file bought from the iTunes Store (.m4p file extension): Not compatible

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 work properly depending on the application used to encode WMA files.

There may be a slight delay at the start of playback of audio files embedded with image data or audio files stored on a USB storage device that has numerous folder hierarchies.

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: Compatible

Packet write data transfer: Not compatible

Regardless of the length of blank sections between the songs from 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 1 500

Playable files: up to 15 000

Playback of copyright-protected files: Not compatible

Additional information

Partitioned USB storage device: Only the first 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 storage device even if that data is lost while using this unit.
- Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, smart phones, or other devices while using this product.

iPod compatibility

This unit supports only the following iPod models.

Made for

- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

Depending on the generation or version of the iPod, some functions may not be available.

Operations may vary depending on the software version of iPod.

Users of iPod with the Lightning Connector should use the Lightning to USB Cable (supplied with iPod).

Users of iPod with the Dock Connector should use CD-IU51. For details, consult your dealer.

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

Audiobook, Podcast: Compatible

CAUTION

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

About iTunes tagging

This function can be performed with the following iPod models.

- iPod touch 5th generation
- iPod touch 4th generation
- iPod touch 3rd generation
- iPod touch 2nd generation
- iPod touch 1st generation
- iPod classic 160GB
- iPod classic 120GB
- iPod classic
- iPod nano 7th generation
- iPod nano 6th generation
- iPod nano 5th generation
- iPod nano 4th generation
- iPod nano 3rd generation
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G

Additional information

— iPhone

The song information (tag) can be saved from the broadcasting station to your iPod. The songs will show up in a playlist called "Tagged playlist" in iTunes the next time you sync your iPod. Then you can directly buy the songs you want from the iTunes Store.

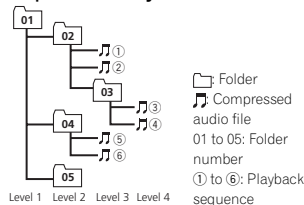
The tagged songs and the song that you can buy from the iTunes Store may be different. Make sure to confirm the song before you make the purchase.

If you cannot use this function normally, update your iPod firmware.

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 a file name that includes 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)
- OPP (Object Push Profile)
- HFP (Hands Free Profile) 1.5
- PBAP (Phone Book Access Profile)
- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio/Video Remote Control Profile) 1.3
- SPP (Serial Port Profile) 1.1

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Bluetooth

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Additional information

MP3

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Additional information

Specifications

General

Power source	14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system	Negative type
Maximum current consumption	10.0 A
Dimensions (W × H × D):	
DIN	
Chassis	178 mm × 50 mm × 165 mm (7 in. × 2 in. × 6-1/2 in.)
Nose	188 mm × 58 mm × 17 mm (7-3/8 in. × 2-1/4 in. × 5/8 in.)
(DEH-X9600BHS)	
Nose	188 mm × 58 mm × 18 mm (7-3/8 in. × 2-1/4 in. × 3/4 in.)
(DEH-X8600BH/DEH-X7600HD/DEH-X8600BS/DEH-X7600S)	
D	
Chassis	178 mm × 50 mm × 165 mm (7 in. × 2 in. × 6-1/2 in.)
Nose	170 mm × 46 mm × 17 mm (6-3/4 in. × 1-3/4 in. × 5/8 in.)
(DEH-X9600BHS)	
Nose	170 mm × 46 mm × 18 mm (6-3/4 in. × 1-3/4 in. × 3/4 in.)
(DEH-X8600BH/DEH-X7600HD/DEH-X8600BS/DEH-X7600S)	
Weight	1.1 kg (2.4 lbs)

Audio

Maximum power output ...	50 W × 4 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	4.0 V
Equalizer (5-Band Graphic Equalizer):	
Frequency	100 Hz/315 Hz/1.25 kHz/ 3.15 kHz/8 kHz
Gain	±12 dB

HPF:	
Frequency	50 Hz/63 Hz/80 Hz/100 Hz/ 125 Hz
Slope	-12 dB/oct
Subwoofer (mono):	
Frequency	50 Hz/63 Hz/80 Hz/100 Hz/ 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) (IHF-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, 12 (2 ch audio) (Windows Media Player)
AAC decoding format	MPEG-4 AAC (iTunes encoded only) (.m4a) (Ver. 10.7 and earlier)
WAV signal format	Linear PCM & MS ADPCM (Non-compressed)

USB

USB standard specification	USB 2.0 full speed
Maximum current supply	1 A
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, 12 (2 ch audio) (Windows Media Player)
AAC decoding format	MPEG-4 AAC (iTunes encoded only) (.m4a) (Ver. 10.7 and earlier)
WAV signal format	Linear PCM & MS ADPCM (Non-compressed)

FM tuner

Frequency range	87.9 MHz to 107.9 MHz
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Additional information

Usable sensitivity	9 dBf (0.8 μV/75 Ω mono, S/N: 30 dB)
Signal-to-noise ratio	80 dB (digital broadcasting) (IHF-A network)
(DEH-X9600BHS/DEH-X8600BH/DEH-X7600HD)	
Signal-to-noise ratio	72 dB (analog broadcasting) (IHF-A network)

AM tuner

Frequency range	530 kHz to 1 710 kHz
Usable sensitivity	25 μV (S/N: 20 dB)
Signal-to-noise ratio	80 dB (digital broadcasting) (IHF-A network)
(DEH-X9600BHS/DEH-X8600BH/DEH-X7600HD)	
Signal-to-noise ratio	62 dB (analog broadcasting) (IHF-A network)

Bluetooth

(DEH-X9600BHS/DEH-X8600BH/DEH-X8600BS)	
Version	Bluetooth 3.0 certified
Output power	+4 dBm Maximum (Power class 2)

CEA2006 Specifications



Power output	14 W RMS × 4 Channels (4 Ω and ≤ 1 % THD+N)
S/N ratio	91 dBA (reference: 1 W into 4 Ω)

Note

Specifications and the design are subject to modifications without notice.