

CD RDS RECEIVER

Pioneer



DEH-X8700DAB

DEH-X8700BT

Operation Manual

English

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About this manual:

- In the following instructions, a USB memory or USB audio player are referred to as “USB device”.
- In this manual, iPod and iPhone are referred to as “iPod”.

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.



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

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

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

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

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.

CAUTION

- Do not allow this unit to come into contact with moisture and/or 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.
- The Pioneer CarStereo-Pass is for use only in Germany.

CAUTION

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

CLASS 1 LASER PRODUCT

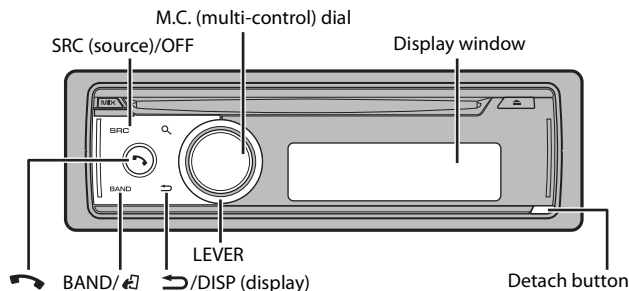
If you experience problems

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

Getting Started

Basic operation

DEH-X8700DAB/DEH-X8700BT



Optional remote control

The remote control CD-R320 is sold separately.

Frequently used operations

The available buttons vary depending on the unit.




Purpose	Operation
Turn on the power*1	Press SRC/OFF to turn on the power. Press and hold SRC/OFF to turn off the power.
Adjust the volume	Turn the M.C. dial.
Select a source	Press SRC/OFF repeatedly.
Change the display information	Press DISP repeatedly.
Return to the previous display/list	Press DISP .
Return to the normal display from the menu	Press BAND/ # .
Answering/ending a call	Press CALL .
Selecting a function or list*2	Turn the M.C. dial or LEVER .

*1 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.

*2 This operation is referred to as "Turn the **M.C.** dial" in this manual.

Display indication

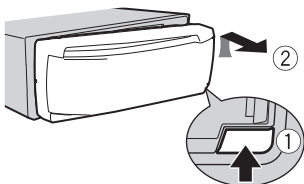
Indication	Description
	Appears when the tag function is available. While storing the tag information to this unit, TAG flashes.
	Appears while transferring the tag information.
	Indicates the radio signal level.
	Appears when the local seek tuning function is set (page 13).
	Appears when traffic announcements are received (page 13).
	Appears when radio text is received.
	Appears when DAB reception is poor and [S.FOLLOW] is set to [ON] (page 13).
	Appears when pressing Q, and selecting a preset channel during the reception of a radio station.
	Appears when the sound retriever function is set (page 14).
	Appears when track repeat play is set when the CD/USB is selected as the source.
	Appears when folder repeat play is set when the CD/USB is selected as the source.
	Appears when random play is set (except when BT Audio is selected as the source).
	Indicates the bit rate of the files and appears when playing MP3, WMA or AAC files.
	Indicates the sampling frequency of the files and appears when playing WAV or FLAC files.
	Appears when playing AAC files decoded by specific software.
	Appears when [Music browse] is set to [OFF] (page 14).
	Appears when [Music browse] is set to [ON] (page 14).
	Indicate the folder or track number currently played.
	Appears when playback is started.
	Appears when playback is paused.
	Appears when shuffle play is set when an iPod is selected as the source.

Indication	Description
	Appears when the LINK PLAY function is set (page 14).
	Appears when repeat play is set when an iPod is selected as the source.
CTRL	Appears when the iPod control function is set (page 9).
	Appears when a Bluetooth connection is made (page 10).

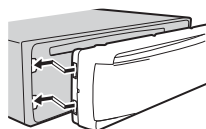
Detaching the front panel

Detach the front panel to prevent theft. Remove any cables and devices attached to the front panel and turn off the unit before detaching it.

Detach



Attach



Important

- Avoid subjecting the front panel to excessive shock.
- Keep the front panel out of direct sunlight and high temperatures.
- Always store the detached front panel in a protective case or bag.

Setup menu

When you turn the ignition switch to ON after installation, [Set up :YES] appears in the display.

1 Press the M.C. dial.

The setup menu disappears after 30 seconds of no operation. If you prefer not to set at this time, turn the **M.C.** dial to select [NO], then press to confirm.

2 Turn the M.C. dial to select the options, then press to confirm.

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

Menu Item	Description
Language select [English], [Français], [Italiano], [Español], [Deutsch], [Nederlands], [РУССКИЙ]	Select the language to display the text information from a compressed audio file.
Calendar	Set the date.
Clock Setting	Set the clock and select the time notation.
FM step [100kHz], [50kHz]	Select the FM tuning step from 100 kHz or 50 kHz.
DAB Antenna Power (only for DEH-X8700DAB) [ON], [OFF]	Supply power to a DAB antenna. Select this when using the optional DAB antenna (AN-DAB1, sold separately) with the unit.
	No power is supplied to a DAB antenna. Select this when using a passive antenna with no booster.

3 [Quit :YES] appears when all the settings have been made.
To return to the first item of the setup menu, turn the **M.C.** dial to select [Quit :NO], then press to confirm.

4 Press the M.C. dial to confirm the settings.

When [DAB Antenna Power] is set to [ON], [LIST UPDATING] appears in the display and the service list will be updated.

NOTES

- You can cancel the menu setting by pressing **SRC/OFF**.
- These settings can be made at any time from **SYSTEM** settings (page 15) and **SETUP** settings (page 6).

Canceling the demonstration display (DEMO OFF)

- 1 Press the **M.C.** dial to display the main menu.
- 2 Turn the **M.C.** dial to select [SYSTEM], then press to confirm.
- 3 Turn the **M.C.** dial to select [DEMO OFF], then press to confirm.
- 4 Turn the **M.C.** dial to select [YES], then press to confirm.

SETUP settings

- 1 Press and hold **SRC/OFF** until the unit turns off.
- 2 Press the **M.C.** dial to display the main menu.
- 3 Turn the **M.C.** dial to select [SETUP], then press to confirm.
- 4 Turn the **M.C.** dial to select an option, then press to confirm.

NOTE

The options vary depending on the unit.

Menu Item	Description
FM step [100kHz], [50kHz]	Select the FM tuning step from 100 kHz or 50 kHz.
S/W control [Rear SP:F.Range] [Rear SP:S/W]	Select when there is a full-range speaker connected to the rear speaker output leads. Select when there is a subwoofer connected directly to the rear speaker output leads without any auxiliary amplifier.
S/W UPDATE	Select to update the unit to the latest Bluetooth software. For details on Bluetooth software and updating, visit our website.
DAB Antenna Power (only for DEH-X8700DAB) [ON], [OFF]	Supply power to a DAB antenna. Select this when using the optional DAB antenna (AN-DAB1, sold separately) with the unit. No power is supplied to a DAB antenna. Select this when using a passive antenna with no booster.

NOTES

- Even if you change [S/W control], there will be no output unless you turn the subwoofer output on. Refer to [Subwoofer1] (page 15).
- If you change [S/W control], 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 [S/W control].

Digital Audio Broadcasting (DAB)

To receive DAB signals, connect a DAB antenna (AN-DAB1) (sold separately) to the unit.

(Only for DEH-X8700DAB)

Seeking a service component

- 1 Press **SRC/OFF** to select [DIGITAL RADIO].
- 2 Press **BAND/** to select the band from [DAB1], [DAB2] or [DAB3].
- 3 Turn **LEVER** to select a service component.

NOTE

Turn and hold **LEVER**, then release to seek an available service. Scanning stops when the unit receives a service.

To select service component from service lists

- 1 During **DAB reception**, press **Q**.
- 2 Turn the **M.C.** dial to select the list type, then press to confirm.
[SERVICE]: Displays the list of all service components. Press **Q** again to search for a service component alphabetically.
[PROGRAM TYPE]: Displays the program type information ([NEWS/INFO], [POPULAR], [CLASSICS] and [OTHERS]).
[ENSEMBLE]: Displays the list of relevant ensembles.
[PCH LIST]: Displays the preset channels. You can store your favorite service component as a preset.
- 3 Select a service component from the list you selected, then press the **M.C.** dial to confirm.

NOTE

You can update the service list by pressing and holding **Q**. To cancel updating, press **Q** again.

Presetting service components

To store service components

- 1 While receiving the service component you want to store, select a preset channel from [PCH LIST] (page 6), then press and hold the **M.C.** dial.

To receive stored service components

- 1 Select a preset channel from [PCH LIST] (page 6), then press the **M.C. dial**.

Pause/Time shift functions

The unit stores recent broadcasts in the memory automatically. The memory capacity of this unit varies depending on the bit rate of the service component used. The approximate memory capacity is five minutes for 192 kbps.

To pause/resume

- 1 While receiving the service component, press the **M.C. dial** to display the main menu.
- 2 Turn the **M.C. dial** to select [FUNCTION], then press to confirm.
- 3 Turn the **M.C. dial** to select [Pause], then press to confirm.
- 4 Turn the **M.C. dial** to select [ON], then press to confirm.
To resume the service component, select [OFF], then press to confirm.

To use the time shift function

- 1 While receiving the service component, press and hold **↔**/DISP.
- 2 Turn **LEVER** to the left (skip back one minute) or to the right (skip forward one minute) to adjust the playback point.

Radio

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

Receiving preset stations

- 1 Press **SRC/OFF** to select [Radio].
- 2 Press **BAND/** to select the band from [FM1], [FM2], [FM3], [MW] or [LW].
- 3 Press **Q** and turn the **M.C. dial** to select a preset channel.

TIP

The **LEVER** can also be used to select a preset station when [Tuning Mode] is set to [Preset] in **FUNCTION** settings (page 14).

Best stations memory (BSM)

The six strongest stations are stored on the preset channels.

- 1 After selecting the band, press the **M.C. dial** to display the main menu.
- 2 Turn the **M.C. dial** to select [FUNCTION], then press to confirm.
- 3 Turn the **M.C. dial** to select [BSM], then press to confirm.

To seek a station manually

- 1 After selecting the band, Turn **LEVER** to select a station.
Turn and hold **LEVER** then release to seek an available station. Scanning stops when the unit receives a station. To cancel seek tuning, turn **LEVER**.

NOTE

[Tuning Mode] needs to be set to [Manual] in the **FUNCTION** settings (page 14).

To store stations manually

- 1 While receiving the station you want to store, press **Q** and turn the **M.C. dial** to select a preset channel.
- 2 Press and hold the **M.C. dial**.

Using PTY functions

The unit searches for a station with PTY (program type) information.

- 1 Press the **M.C. dial** during FM reception.
- 2 Turn the **M.C. dial** to select [PTY search], then press to confirm.
- 3 Turn the **M.C. dial** to select a program type from [News&Inf], [Popular], [Classics] or [Others].
- 4 Press the **M.C. dial**.
The unit begins to search for a station. When it is found, its program service name is displayed.

NOTES

- To cancel the search, press the **M.C. dial**.

- The program of some stations may differ from that indicated by the transmitted PTY.
- If no station is broadcasting the type of program you searched for, [Not found] is displayed for about two seconds and then the tuner returns to the original station.

PTY list

For more details about the PTY list, visit the following site:
<http://www.pioneer.eu/eur/products/25/121/tech/CarAudio/PTY.html>

Using tag information

You can transfer the tag information stored on this unit to the connected iPod.

- 1 When TAG is indicated in the display, press and hold ↵/DISP.**
When the TAG icon stops flashing, the tag information has been stored.
- 2 Plug in iPod to the USB port (refer to the installation manual).**
The tag information is transferred to your iPod automatically.

Using radio text

You can display and store the three most recent radio texts.

To display radio text

- 1 Press and hold \mathcal{Q} .**
If no radio text is received, NO TEXT is displayed.
- 2 Turn LEVER to the right or left to recall the three most recent radio texts.**
- 3 Turn the M.C. dial to scroll.**

To store and recall radio text

- 1 Select the radio text you want to store in step 2 above, then press \mathcal{Q} .**
- 2 Turn LEVER to select the preset number (RT MEMO 1 to RT MEMO 6).**
- 3 Press and hold the M.C. dial to store.**
- 4 Turn LEVER to select the preset number you want to recall.**
- 5 Press the M.C. dial.**

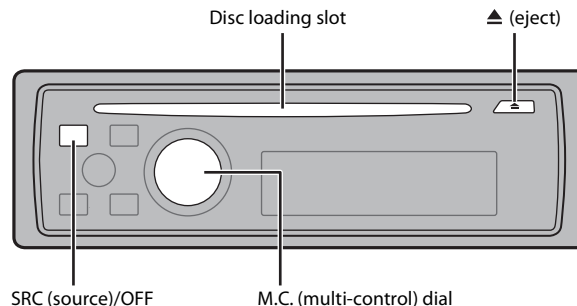
NOTE

The unit stores the three latest radio text broadcasts in the memory automatically. Note that the oldest text is replaced with the newest text if the unit stores more than three texts.

CD/USB/iPod/AUX

Playing back

Disconnect headphones from the device before connecting it to the unit.



NOTE

There is a USB port and AUX input jack (3.5 mm stereo jack) on the rear of this unit, refer to the installation manual.

CD

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

To eject a disc, stop playback first then press ▲.

USB device/iPod

- 1 Plug in the USB device/iPod using an appropriate cable.**

NOTE

Use a Pioneer USB cable to connect the USB storage device to the unit.

Before removing the device, stop playback.

MTP connection

A device installed with Android OS 4.0 or later can be connected to the unit via MTP, using the cable supplied with the device. However, depending on the connected device and the numbers of the files in the device, audio files/songs may not be played back via MTP. Note that MTP connection is not

compatible with WAV and FLAC file formats, and cannot be used with the MIXTRAX function and the music browse function ([Music browse] is set to [OFF] automatically).

AUX

- 1 Insert the stereo mini plug into the AUX input jack.
- 2 Press **SRC/OFF** to select [AUX] as the source.

NOTE

If [AUX] is set to [OFF] in the SYSTEM settings, [AUX] cannot be selected as a source (page 16).

Operations

You can make various adjustments in the FUNCTION settings (page 13). Note that the following operations do not work for an AUX device. To operate an AUX device, use the device itself.

Purpose	Operation
Select a track/song (chapter)	Turn LEVER.
Fast forward or reverse	Turn and hold LEVER.
Search for a file from a list*1	<ol style="list-style-type: none"> 1 Press Q to display the list. 2 Turn the M.C. dial to select the desired file (folder) name or category, then press to confirm. 3 Turn the M.C. dial to select the desired file, then press to confirm. Playback starts.
View a list of the files in the selected folder/category*1*2	Press the M.C. dial when a folder/category is selected.
Play a song in the selected folder/category*1*2	Press and hold the M.C. dial when a folder/category is selected.
Alphabetical search (USB/iPod only)*1	<ol style="list-style-type: none"> 1 Press Q to display the list. 2 Turn the M.C. dial to select the desired category list, then press Q to enter the alphabetical search mode. (Turning the M.C. dial twice also enters the alphabetical search mode.) 3 Turn the M.C. dial to select a letter, then press to display the alphabetical list. To cancel alphabetical search, press DISP.
Return to root folder (USB only)*2	Press and hold BAND/ .

Purpose	Operation
Switch between compressed audio and CD-DA (CD only)	Press BAND/ .
Change drives in USB device (Devices that support the USB mass storage device class protocol only)	Press BAND/ .

*1 The music browse function is available when [Music browse] is set to [ON] in the FUNCTION settings (USB Only) (page 14).

*2 Compressed audio files only

NOTE

When iPod is selected as a source, you can play playlists created with the computer application (MusicSphere). The application will be available on our website. Playlists that you created with MusicSphere are displayed in abbreviated form.

Useful functions for USB/iPod

Link play mode

You can access songs based on the artist, album, or genre currently playing.

- 1 While listening to a song, press and hold **Q** to enter the link play mode.
- 2 Turn the **M.C.** dial to select the mode ([Artist], [Album], [Genre]), then press to confirm. The selected song/album will be played after the currently playing song.

NOTES

- The music browse function is available when [Music browse] is set to [ON] in the FUNCTION settings (USB Only) (page 14).
- The selected song/album may be canceled if you use functions other than those from the link play mode (e.g. fast forward and reverse).

iPod control

You can control the unit via a connected iPod.

The following iPod models are not compatible with this function.

- iPod nano 1st generation, iPod with video

- 1 Press **BAND/** during playback, then select the control mode.

[Ctrl iPod]: The unit's iPod function can be operated from the connected iPod.

[Ctrl Audio]: The unit's iPod function can only be operated by the buttons on the unit. In this mode, the connected iPod cannot be turned on or off.

NOTES

- Switching the control mode to [Ctrl iPod] pauses song playback. Use the connected iPod to resume playback.

- The following operations are still accessible from the unit, even if the control mode is set to [Ctrl iPod].
 - Pause, fast forward/reverse, song/chapter selection
- The volume can only be adjusted from the unit.

About MIXTRAX (USB/iPod only)

The MIXTRAX function creates a non-stop mix of your music library, accompanied by illumination effects. For details on MIXTRAX settings, see page 17.

NOTES

- This function is not compatible with an Android device connected via MTP.
- Depending on the file/song, sound effects may not be available.
- Turn the MIXTRAX function off if the illumination effects it produces interfere with driving.


1 Press **MIX** to turn MIXTRAX on/off.

Bluetooth

Bluetooth connection

Important

If three or more Bluetooth devices (e.g. a phone and separate audio player) are connected, they may not work properly.

- 1 Turn on the Bluetooth function of the device.**
- 2 Press and hold  to display the connection menu.**
- 3 Turn the M.C. dial to select [Add device], then press to confirm.**
The unit starts to search for available devices, then displays them in the device list.
 - To cancel searching, press the **M.C.** dial.
 - If the desired device is not in the list, select [RE-SEARCH].
 - If there is no device available, [Not found] appears in the display.
- 4 Turn the M.C. dial to select a device from the device list, then press to confirm.**
Press and hold the **M.C.** dial to switch the displayed device information between the Bluetooth device address and device name.
- 5 Select [Pioneer BT Unit] shown in the device display.**
- 6 Make sure the same 6-digit number appears on this unit and the device, then select “Yes” on the device.**

NOTES

- [Device Full] appears if the unit has already been paired with three other devices. In this case, delete one of the paired devices. See [Delete device] or [Guest Mode] in the connection menu (page 10).
- Depending on the device, the PIN code is required in step 6. In this case, input [0000].

TIP

The Bluetooth connection can also be made by detecting the unit from the Bluetooth device. To do so, [Visibility] in the connection menu needs to be set to [ON]. For details on Bluetooth device operations, refer to the operating instructions supplied with the Bluetooth device.

Connection menu

Menu Item	Description
Device list	Display the list of paired Bluetooth devices. [Connected] is displayed when the Bluetooth connection is established.
Delete device [Delete YES]	Delete the device information.
Add device	Register a new device.
Auto connect [ON], [OFF]	Select [ON] to connect to a Bluetooth device automatically.
Visibility [ON], [OFF]	Select [ON] so that a Bluetooth device can detect the unit when the unit is connected via Bluetooth to another device.
Pin code input	Change the PIN code. <ol style="list-style-type: none"> 1 Press the M.C. dial to display the setting mode. 2 Turn the M.C. dial to select a number. 3 Press the M.C. dial to move the cursor to the next position. 4 After inputting the PIN code, press and hold the M.C. dial. After inputting the PIN code, pressing the M.C. dial returns you to the PIN code input display, and you can change the PIN code.
Device INFO	Switch the device information on the display between the device name and Bluetooth device address.
Guest Mode [ON], [OFF]	Select [ON] to move to the [Delete device] screen automatically when the unit has already been paired with three devices.
Auto pairing [ON], [OFF]	Select [ON] to pair the unit and iPhone automatically when an iPhone is connected to the unit via USB. (This function may not be available depending on the version of iOS you are using.)

Bluetooth telephone


First, make a Bluetooth connection with the Bluetooth telephone (page 10). Up to two Bluetooth telephones can be connected simultaneously.

Important

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

To make a phone call

1 Press to display the phone menu.

When two phones are connected, a phone name appears then a phone menu will be displayed. To switch to another phone, press  again.

2 Turn the **M.C.** dial to select [Missed calls], [Dialled calls], [Received calls] or [PhoneBook], then press to confirm.

3 Turn the **M.C.** dial to select a name or phone number, then press to confirm. The phone call starts.





To answer an incoming call

1 Press when a call is received.

TIP

When two phones are connected to the unit via Bluetooth and there is an incoming call while one phone is being used for a call, a message will appear in the display. To answer that incoming call, you need to end the current call.

Basic operations

Purpose	Operation
End a call	Press  .
Reject an incoming call	Press and hold  when a call is received.
Switch between the current caller and a caller on hold	Press the M.C. dial.
Cancel a caller on hold	Press and hold  .
Adjust the volume of the caller's voice (When private mode is on, this function is not available.)	Turn the M.C. dial during the call.
Turn the privacy mode on or off	Press BAND/  during the call.

Voice recognition (Only for iPhone)

This function is only available when an iPhone equipped with voice recognition is connected to the unit via Bluetooth.

1 Press and hold the **M.C.** dial to activate the voice recognition mode.

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

To exit the voice recognition mode, press **BAND/** .

NOTE

For details on the voice recognition features, refer to the manual supplied with your iPhone.

Phone menu

Menu Item	Description
Missed calls	Display the missed call history.
Dialled calls	Display the dialed call history.
Received calls	Display the received call history.
PhoneBook*1	Display the contacts which have been transferred from your phone. Set [Visibility] in the connection menu to [ON] to browse the contacts via this unit.
Phone Function	Select [ON] to answer an incoming call automatically.
Auto answer*2: [ON], [OFF]	
Ring tone: [ON], [OFF]	Select [ON] if the ring tone does not come out from the car speakers. Depending on the connected phone, this function may not work.
PH.B.Name view	Invert the order of names in the phone book (name view).


*1 The contacts on your phone will normally be transferred automatically when the phone is connected. If they are not, use your phone to transfer the contacts.

*2 If two phones are connected, this function does not work on incoming calls that are received while one of the phones is being used for a call.

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 (Advanced Audio Distribution Profile) can only play back songs on your audio player.
 - AVRCP (Audio/Video Remote Control Profile) can perform functions such as playback, pause, select song, etc.
- 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.


- 1 Make a Bluetooth connection with the Bluetooth audio player.
- 2 Press **SRC/OFF** to select **[BT Audio]** as the source.
- 3 Press **BAND/**  to start playback.

Basic operations

You can make various adjustments in the FUNCTION settings (page 13).

Important

Depending on the type of Bluetooth audio player you have connected to this unit, operation and information displayed may vary based on availability and functionality.

Purpose	Operation
Fast forward or reverse	Turn and hold LEVER to the right or left.
Select a track	Turn LEVER.
Search for a file from a list	<ol style="list-style-type: none">1 Press  to display a list.2 Turn the M.C. dial to select the desired folder name, then press to confirm.3 Turn the M.C. dial to select the desired file, then press to confirm. Playback starts.

App Mode

You can enjoy listening to an application on an iPhone/Android device via the unit. In some cases, you can control an application by using the unit. For details on compatible devices, visit our website.

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.

For iPhone users

This function is compatible with iPhones and iPod touches installed with iOS 5.0 or later.

For Android device users

This function is compatible with devices that have Android OS 2.3 or later installed and also support Bluetooth SPP (Serial Port Profile) and A2DP (Advance Audio Distribution Profile).

NOTE

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Playback of an application via the unit

- 1 Connect this unit with the mobile device.
 - iPhone via USB (page 8)
 - Android device via Bluetooth (page 10)
- 2 Press the **M.C.** dial to display the main menu.
- 3 Turn the **M.C.** dial to select **[SYSTEM]**, then press to confirm.
- 4 Turn the **M.C.** dial to select **[APP CONNECT MODE]**, then press to confirm.
- 5 Turn the **M.C.** dial to select one of the below, then press to confirm.
 - Select **[Wired]** for iPhone.
 - Select **[Bluetooth]** for an Android device.
- 6 Press **SRC/OFF** to select **[App]**.
- 7 Operate the mobile device to start the application.

Basic operations

You can make various adjustments in the FUNCTION settings (page 13).

Purpose	Operation
Select a track	Turn LEVER.
Fast forward or reverse	Turn and hold LEVER to the right or left.
Pause/resume playback	Press BAND/ # .

Settings

You can adjust various settings in the main menu.

- 1 Press the **M.C.** dial to display the main menu.
- 2 Turn the **M.C.** dial to select one of the categories below, then press to confirm.
 - FUNCTION settings (page 13)
 - AUDIO settings (page 15)
 - ENTERTAINMENT settings (page 15)
 - SYSTEM settings (page 15)
 - ILLUMINATION settings (page 16)
 - MIXTRAX settings (page 17)
- 3 Turn the **M.C.** dial to select the options, then press to confirm.

FUNCTION settings

The menu items vary according to the source.

DAB is only available for DEH-X8700DAB.

Menu Item	Description
S.FOLLOW DAB [ON], [OFF]	Search for another ensemble that supports the same service component with better reception. If no alternative service component can be found or reception remains poor, the unit will automatically switch to an identical FM broadcast.

Menu Item	Description
FM SETTING RADIO [Talk], [Standard], [Music]	Match the sound quality level with the broadcast signal conditions of the FM band signal. (Available only when FM band is selected.)
BSM RADIO	Store the six strongest stations on the preset channels automatically.
Regional RADIO [ON], [OFF]	Limit the reception to the specific regional programs when AF (alternative frequencies search) is selected. (Available only when FM band is selected.)
Local RADIO FM: [Local OFF], [Level 1], [Level 2], [Level 3], [Level 4] MW/LW: [Local OFF], [Level 1], [Level 2]	Restrict the tuning station according to the signal strength.
PTY search RADIO [News&Inf], [Popular], [Classics], [Others]	Search for a station by PTY (program type) information.
Traffic Announce DAB RADIO [ON], [OFF]	Receive current traffic information if available. (Available only when FM band is selected.)
Alternative FREQ RADIO [ON], [OFF]	Allow the unit to retune to a different frequency providing the same station. (Available only when FM band is selected.)
News interrupt RADIO [ON], [OFF]	Interrupt the currently selected source with news programs. (Available only when FM band is selected.)
Alarm RADIO [ON], [OFF]	Interrupt the currently selected source with emergency announcements. Select [OFF] to disable this function.

Menu Item	Description
Tuning Mode <input type="button" value="RADIO"/> [Manual], [Preset]	Assign LEVER to seek the stations one by one (manual tuning) or select a station from the preset channels.
Select Device <input type="button" value="APP"/> <input type="button" value="BT AUDIO"/>	Connect a Bluetooth device in the list.
Play mode <input type="button" value="CD"/> <input type="button" value="USB"/> <input type="button" value="iPod"/>	
CD/CD-R/CD-RW: [Track repeat], [Folder repeat], [Disc repeat]	Change the repeat play range. (When the control mode is set to [Ctrl iPod], the repeat play range will be same as what is set on the connected iPod.)
USB: [Track repeat], [Folder repeat], [All repeat]	
iPod: [Repeat One], [Repeat All]	
Random mode <input type="button" value="CD"/> <input type="button" value="USB"/>	Start random play.
Random <input type="button" value="BT AUDIO"/>	Start random play.
Music browse <input type="button" value="USB"/>	
[ON], [OFF]	Search for a file from a category/song list ([ON]) or a file/folder list ([OFF]). In some cases, a message may appear asking whether to create a database on this unit or not. Turn the M.C. dial to select [Yes] or [No], then press to confirm. <ul style="list-style-type: none"> • 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.

Menu Item	Description
Link play <input type="button" value="USB"/> <input type="button" value="iPod"/>	[Artist], [Album], [Genre] Access songs based on the artist, album, or genre currently playing.
Sound Retriever <input type="button" value="CD"/> <input type="button" value="USB"/> <input type="button" value="iPod"/> <input type="button" value="APP"/> <input type="button" value="BT AUDIO"/>	
[1] (effective for low compression rates), [2] (effective for high compression rates), [OFF]	Enhance compressed audio and restore rich sound. Not available when the FLAC file is played back.
Shuffle mode <input type="button" value="iPod"/>	[Shuffle OFF], [Shuffle Songs], [Shuffle Albums] Change the shuffle play range.
Shuffle all <input type="button" value="iPod"/>	Start shuffle all play. (Not available when [Ctrl iPod] is selected in the control mode.)
Audiobooks <input type="button" value="iPod"/>	[Faster], [Normal], [Slower] Change the playback speed. (Not available when [Ctrl iPod] is selected in the control mode.)
Pause <input type="button" value="CD"/> <input type="button" value="USB"/> <input type="button" value="iPod"/> <input type="button" value="DAB"/> <input type="button" value="APP"/> <input type="button" value="BT AUDIO"/>	Pause or resume playback. (Not available when iPod is selected as a source and [Ctrl iPod] is selected in the control mode.)
Play <input type="button" value="BT AUDIO"/>	Start playback.
Stop <input type="button" value="BT AUDIO"/>	Stop playback.
Repeat <input type="button" value="BT AUDIO"/>	Start repeat play.

AUDIO settings

Menu Item	Description
Fader/Balance	Adjust the front/rear or left/right speaker balance.
Preset EQ	Select the preset equalizer curve. [SuperBass], [Powerful], [Natural], [Vocal], [Custom1], [Custom2], [Flat]
G. EQ	Customize the equalizer curve. [Custom1] can be set separately for each source. However, each of the below combinations are set to the same setting automatically. Equalizer band: [100Hz], [315Hz], [1.25kHz], [3.15kHz], [8kHz] Equalizer level: [+6] to [-6] • USB, iPod, and App (iPhone) • BT Audio, and App (Android) [Custom2] is a shared setting used for all sources.
Loudness	Compensate for clear sound at low volume. [OFF], [Low], [Mid], [High]
Subwoofer1	Select the subwoofer phase. [Normal], [Reverse], [OFF]
Subwoofer2	Only frequencies lower than those in the selected range are output from the subwoofer. Cut-off frequency: [50Hz], [63Hz], [80Hz], [100Hz], [125Hz] Output level: [-24] to [+6]
Bass Booster	Select the bass boost level. [0] to [+6]
HPF	Only frequencies higher than the high-pass filter (HPF) cutoff are output from the speakers. Cut-off frequency: [OFF], [50Hz], [63Hz], [80Hz], [100Hz], [125Hz]
SLA	Adjust the volume level for each source except FM. Each of the below combinations are set to the same setting automatically. • USB, iPod, and App (iPhone) • BT Audio, and App (Android) [+4] to [-4]

ENTERTAINMENT settings

You can enjoy various entertainment displays while listening to each sound source. Select a display type from [Simple display], [spectrum analyzer], [level indicator] or [calendar].

NOTE

When Radio or AUX is selected as a source, the simple display will appear even if spectrum analyzer or level indicator is set.

SYSTEM settings

You can also access these menus when the unit is turned off.

Menu Item	Description
Language select	Select the language to display the text information from a compressed audio file. [English], [Français], [Italiano], [Español], [Deutsch], [Nederlands], [РУССКИЙ]
Calendar	Set the date.
Clock Setting	Set the clock and select the time notation (page 5).
EngineTime alert	Display how much time has elapsed since the vehicle was turned on. [OFF], [15Minutes], [30Minutes]
Clock	Set the clock or the elapsed time to display even if the unit is turned off. [ON], [Elapsed time], [OFF]
Auto PI	Search for a different station with the same programming, even if using a preset station. [ON], [OFF]
Warning tone	A beep can be heard when the front panel is not detached from the head unit within four seconds of turning off the ignition. Select [OFF] to disable this function. [ON], [OFF]

Menu Item	Description
AUX	
[ON], [OFF]	Set to [ON] when using an auxiliary device connected to the unit.
BT AUDIO	
[ON], [OFF]	Set the Bluetooth signal on/off.
Clear memory	
[Clear memory YES], [Cancel]	Clear the Bluetooth device data (device list, PIN code, call history, phone book, preset phone numbers) stored in the unit. [Cleared] appears when data is successfully deleted.
BT Version Info.	
	Displays the system version of the unit and the Bluetooth module.
APP CONNECT MODE*	
[Wired], [Bluetooth]	Select the appropriate connection method according to your device.

* Not available when [App] is selected as the source.

ILLUMINATION settings

Menu Item	Description
Colour Setting	
[Key Side], [Display Side], [Key & Display]	Select color for the keys/display of the unit from 12 preset colors, [Scan] or [Custom]*. <ul style="list-style-type: none"> • [Scan]: Cycle through a variety of colors automatically. • [Custom]*: <ol style="list-style-type: none"> 1 Press and hold the M.C. dial until the color setting display appears. 2 Set the primary color (R (red)/G (green)/B (blue)) and brightness level ([0] to [60]). You cannot select a level below 20 for all three of R (red), G (green), B (blue) at the same time. You can also customize the preset colors. Select one of the preset colors, then press and hold the M.C. dial until the color setting display appears. <p>* The Custom setting is only available for [Key Side] and [Display Side].</p>
Dimmer Setting	
[Sync Vehicle Illumi], [Sync Clock], [ON], [OFF]	Change the display brightness.
Brightness	
[1] to [10]	Change the display brightness. The available setting ranges differ depending on [Dimmer Setting].
Phone Colour	
[Flashing]	Select the key color when a call is received. Applies the color set by [Key Side].
[Flash FX 1] to [Flash FX 6]	Cycle through a variety of colors automatically.
[OFF]	No change in key color made.
Illumi Effect	
[ON], [OFF]	The illumination effect can be seen when; <ul style="list-style-type: none"> – there is an incoming call – you are on the phone – a CD is inserted/ejected

MIXTRAX settings

Menu Item	Description
SHORT PLAYBACK	
[1.0 MIN], [1.5 MIN], [2.0 MIN], [2.5 MIN], [3.0 MIN], [Random], [OFF]	Select the length of the playback time.
FLASH AREA	
[Key & Display], [KEY SIDE], [OFF]	Select the area for the illumination effect. When [OFF] is selected, the color set under the ILLUMINATION settings (page 16) is used as the display color.
Flashing Colour	
[Sound Level Mode Colour 1] to [Sound Level Mode Colour 6]	Change the illumination effect according to the sound and bass level. The flash pattern changes according to the sound level.
[Low Pass Mode Colour 1] to [Low Pass Mode Colour 6]	The flash pattern changes according to the bass level.
[Flashing Colour 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	
[MIXTRAX 1], [MIXTRAX 2], [OFF]	Set the MIXTRAX special effects on/off.
CUT IN EFFECT	
[ON], [OFF]	Turn the MIXTRAX sound effects on/off while manually changing the tracks.
MIX Settings	
[MIX Fixed], [LOOP EFFECT], [Flanger EFFECT], [Echo EFFECT], [Crossfade EFFECT], [Crush EFFECT]	Set fixed sounds or sound effects for the MIXTRAX special effects. [Flanger EFFECT], [Crossfade EFFECT] and [Crush EFFECT] are not available when: <ul style="list-style-type: none">• [iPod] is selected as the source.• The FLAC file is played back.

Additional Information

Troubleshooting

The display automatically returns to the normal display.

- No operations have been made for about 30 seconds.
- Perform an operation.

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.

The sound is intermittent.

- 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.
- Stop using the cellular phone.
- The connection between the unit and the cellular phone is not established

correctly after a call made by a Bluetooth-connected cellular phone.

- Make a Bluetooth connection between the unit and the cellular phone again.

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

Common

AMP ERROR

- This unit fails to operate or the speaker connection is incorrect.
- The protective circuit is activated.
- Check the speaker connection.
- Turn the ignition switch OFF and back to ON again. If the message remains, 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.

NO XXXX (NO TITLE, for example)

- There is no embedded text information.
- Switch the display or play another track/file.

DAB tuner

ANTENNA ERROR

- The antenna connection is incorrect.
- Check the antenna connection.
- Turn the ignition switch OFF and back to ON again. If the message remains, 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 to 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 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 device and connect.
- The connected USB device has security enabled.
- Follow the USB device instructions to disable the security.

SKIPPED

- The connected USB device contains DRM protected files.
- The protected files are skipped.

PROTECT

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

NOT COMPATIBLE

- The connected USB device is not supported by this unit.
 - 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.
- The connected USB device consumes more than maximum allowable current.
 - Disconnect the USB device and do not use it. Turn the ignition switch OFF and back to ACC or ON. Connect only compliant USB devices.
- 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 to ON, or disconnect the iPod and reconnect.

ERROR-19

- Communication failed.
 - Perform one of the following operations, then return to the USB source.
 - Turn the ignition switch OFF and back to ON.
 - Disconnect the USB device.
 - Change to a different 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 device was not formatted properly.
 - Format the USB device 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 to ON.
 - Turn the source OFF and then back to 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.

Bluetooth device

ERROR-10


- The power failed for the Bluetooth module of the unit.
 - Turn the ignition switch OFF and back to ACC or ON.

Application

No BT device. Go to BT MENU to register.

- No Bluetooth device found.
 - Connect the unit and the device via Bluetooth (page 10).

BT error. Press BAND key to retry.

- Bluetooth connection failed.
 - Press **BAND**/ to make a connection again.

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.
 - Operate the mobile device to start up the application.

Handling guidelines

Discs and player

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



- Use 12-cm discs.
- 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 adaptor 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 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.

- 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 hubs are not supported.
- Firmly secure the USB storage device before driving. Do not let the USB storage device fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- Do not leave the USB storage device in places with high temperatures.
- Depending on the USB storage device the following problems may occur.
 - Operations may vary.
 - The storage device may not be recognized.
 - Files may not be played back properly.
 - The device may 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.
- The settings of the iPod such as the equalizer and repeat play are changed automatically when the iPod is connected to the unit. Once the iPod is disconnected, those settings will return to the original settings.

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

⚠ CAUTION

Do not leave discs, USB storage devices, or iPods in any place that is subject to high temperatures.

Compressed audio compatibility

- Only the first 32 characters can be displayed as a file name (including the file extension) or a folder name.
- The unit may not work properly depending on the application used to encode WMA files.
- There may be a slight delay at the start of the playback of audio files embedded with image data, or audio files stored on a USB device with numerous folder hierarchies.
- Russian text to be displayed on this unit should be encoded in one of the following character sets:
 - Unicode (UTF-8, UTF-16)
 - A character set other than Unicode that is used in a Windows environment and is set to Russian in the multi-language setting

⚠ CAUTION

- Pioneer cannot guarantee compatibility with all USB mass storage devices, and assumes no responsibility for any loss of data on media players, smartphones, or other devices while using this product.
- Do not leave discs or a USB storage device in any place that is subject to high temperatures.

WMA files

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

MP3 files

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 files

- WAV file formats cannot be connected via MTP.

File extension	.wav
Quantization bits	8 and 16 (LPCM), 4 (MSADPCM)
Sampling frequency	16 kHz to 48 kHz (LPCM), 22.05 kHz and 44.1 kHz (MS ADPCM)

AAC

Compatible format	AAC encoded by iTunes
File extension	.m4a
Sampling frequency	11.025 kHz to 48 kHz
Transmission rate	16 kbps to 320 kbps, VBR

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

FLAC files

- FLAC file formats cannot be connected via MTP.
- FLAC files may not be playable, depending on the encoder.

File extension	.flac
Sampling frequency	8/11.025/12/16/22.05/24/32/44.1/48 kHz
Quantization bit rate	16 bit
Channel mode	1/2 ch

Disc

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

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

USB device

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

Playable folder hierarchy	Up to eight tiers (A practical hierarchy is less than two tiers.)
Playable folders	Up to 500

Playable files	Up to 15 000
Playback of copyright-protected files	Not compatible
Partitioned USB device	Only the first partition can be played.

iPod compatibility

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

Made for

- iPod touch (1st through 5th generation)
- iPod classic
- iPod with video
- iPod nano (1st through 7th generation)
- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4s
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

- Operations may vary depending on the generation and/or software version of the 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 the CD-IU51. For details, consult your dealer.
- Refer to the iPod manuals for information about the file/format compatibility.
- 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 5s
- iPhone 5c
- iPhone 5
- iPhone 4s
- iPhone 4
- iPhone 3GS
- iPhone 3G
- 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.

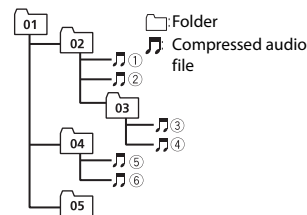
Sequence of audio files

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

Sequence of audio file depends on the connected device.

Note that the hidden files in a USB device cannot be played back.

Example of a hierarchy



Level 1 Level 2 Level 3 Level 4

01 to 05: Folder number

① to ⑥: Playback sequence

Russian character chart

D: C	D: C	D: C
А: A	Б: B	В: B
Г: Г	Д: Д	Е: E, Ё
Ж: Ж	З: З	И: И, Ы
К: K	Л: Л	М: M
Н: H	О: O	П: П
Р: P	С: C	Т: T
У: Y	Ф: Ф	Х: X
Ц: Ц	Ч: Ч	Ш: Ш, Щ
Ъ: Ъ	Ы: Ы	Ь: Ь
Э: Э	Ю: Ю	Я: Я

D: Display C: Character

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FLAC

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Foundation

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Android™

Android is a trademark of Google Inc.

MIXTRAX

MIXTRAX is a trademark of the PIONEER CORPORATION.

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

Nose: 188 mm × 58 mm × 17 mm

D

Chassis: 178 mm × 50 mm × 165 mm

Nose: 170 mm × 46 mm × 17 mm

Weight: 1.1 kg

Audio

Maximum power output:

50 W × 4 ch/4 Ω

For subwoofer

50 W × 2 ch/4 Ω + 70 W × 1 ch/2 Ω

Continuous power output:

22 W × 4 (50 Hz to 15 000 Hz, 5 %

THD, 4 Ω load, both channels driven)

Load impedance:

4 Ω

4 Ω to 8 Ω × 4 allowable

4 Ω to 8 Ω × 2 + 2 Ω × 1 allowable

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) (IEC-A network)

Number of channels: 2 (stereo)

MP3 decoding format: MPEG-1 & 2 Audio Layer 3

WMA decoding format: Ver. 7, 7.1, 8, 9, 10, 11, 12 (2 ch audio) (Windows Media Player)

AAC decoding format: MPEG-4 AAC (iTunes encoded only) (.m4a) (Ver. 11.2 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)

MTP (Media Transfer Protocol)

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)

FLAC decoding format: v1.3.0 (Free Lossless Audio Codec)

AAC decoding format: MPEG-4 AAC (iTunes encoded only) (.m4a) (Ver. 11.2 and earlier)

WAV signal format: Linear PCM & MS ADPCM (Non-compressed)

FM tuner

Frequency range: 87.5 MHz to 108.0 MHz

Usable sensitivity: 11 dBf (0.8 μV/75 Ω, mono, S/N: 30 dB)

Signal-to-noise ratio: 72 dB (IEC-A network)

MW tuner

Frequency range: 531 kHz to 1 602 kHz

Usable sensitivity: 25 μV (S/N: 20 dB)

Signal-to-noise ratio: 62 dB (IEC-A network)

LW tuner

Frequency range: 153 kHz to 281 kHz

Usable sensitivity: 28 μV (S/N: 20 dB)

Signal-to-noise ratio: 62 dB (IEC-A network)

DAB tuner

(DEH-X8700DAB)

Frequency range (Band III): 174.928 MHz to 239.200 MHz (5 A to 13 F)

Frequency range (L Band): 1 452.960 MHz to 1 490.624 MHz (LA to LW)

Usable sensitivity (Band III): -100 dBm

Usable sensitivity (L Band): -100 dBm

Signal-to-noise ratio: 85 dB

Bluetooth

Version: Bluetooth 3.0 certified

Output power: +4 dBm Maximum (Power class 2)

Bluetooth profiles:

GAP (Generic Access Profile)

SDAP (Service Discovery Application Profile)

OPP (Object Push Profile)

HFP (Hands Free Profile) 1.6

PBAP (Phone Book Access Profile)

A2DP (Advanced Audio Distribution Profile)

AVRCP (Audio/Video Remote Control Profile) 1.5

SPP (Serial Port Profile) 1.1

NOTE

Specifications and the design are subject to modifications without notice.

<http://www.pioneer.eu>

Visit www.pioneer.co.uk (or www.pioneer.eu) to register your product.

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