

DIGITAL MEDIA RECEIVER
RECEPTEUR NUMERIQUE MULTIMEDIA
RECEPTOR DE MEDIOS DIGITALES

MVH-X560BT

Pioneer



English

Français

Español

Owner's Manual Mode d'emploi Manual de instrucciones

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.

Important (Numéro de série)

Le numéro de série se trouve au bas de cet appareil. Pour votre sécurité et votre commodité, veuillez à noter ce numéro sur la carte de garantie fournie.

Importante (Número de serie)

El número de serie se encuentra en la parte inferior de esta unidad. Por su propia seguridad y comodidad, asegúrese de anotar este número en la tarjeta de garantía que se adjunta.

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.: MVH-X560BT
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).

Information to User

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

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.

Before you start

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.
- 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

- 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.

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:

Before you start

Please do not ship your unit to the companies at the addresses listed below for repair without advance contact.

U.S.A.

Pioneer Electronics (USA) Inc.
CUSTOMER SUPPORT DIVISION
P.O. Box 1760
Long Beach, CA 90801-1760
800-421-1404

CANADA

Pioneer Electronics of Canada, Inc.
CUSTOMER SATISFACTION DEPARTMENT
340 Ferrier Street
Unit 2
Markham, Ontario L3R 2Z5, Canada
1-877-283-5901
905-479-4411

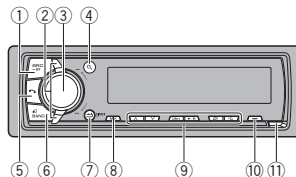
For warranty information please see the Limited Warranty sheet included with this unit.

If you experience problems

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

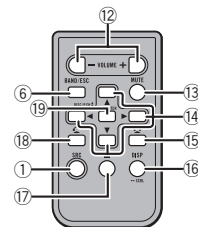
Using this unit

Head unit



- ① **SRC/OFF**
- ② **LEVER**
- ③ **MULTI-CONTROL (M.C.)**
- ④ (list)
- ⑤ (phone)
- ⑥ **BAND** (iPod control)
- ⑦ (back)/**DIMMER** (dimmer)
- ⑧ **MIX** (MIXTRAX)
- ⑨ **1/∧** to **6/∨**
- ⑩ **DISP**
- ⑪ Detach button

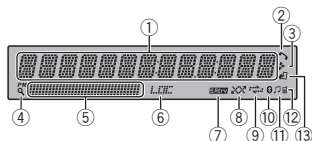
Remote control



- VOLUME**
- ⑫ Press to increase or decrease volume.
- MUTE**
- ⑬ Press to mute. Press again to unmute.
- ▲/▼/◀/▶**
- ⑭ Press to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.
-
- ⑮ Press to end a call, reject an incoming call, or reject a call waiting while on another call.
- DISP/SCRL**
- ⑯ Press to select different displays. Press and hold to turn dimmer on or off.
- ▶/||**
- ⑰ Press to pause or resume playback.
-
- ⑱ Press to start talking to the caller while using the phone.
- LIST/ENTER**
- ⑲ Press to display the list depending on the source. While in the operating menu, press to control functions.

Using this unit

Display indication



Main information section

- Tuner: band and frequency
- USB storage device and iPod: elapsed playback time and text information

- ① (auto answer)
- ② Shows when the automatic answering function is on.
- ③ Appears when a lower tier of folder or menu exists.
- ④ Q (list)
- ⑤ Sub information section
- ⑥ LOC (local seek tuning)
- ⑦ **S.Rtrv** (sound retriever)
- ⑧ **XO** (random/shuffle)
- ⑨ **↺** (repeat)
- ⑩ **BT** (Bluetooth indicator)
- ⑪ **BT** (Bluetooth audio indicator)
- ⑫ **BT** (Bluetooth phone indicator)
- ⑬ (iPod control)
- ⑬ This unit's iPod function is operated from your iPod.

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 Complete the procedure outlined below to set the menu.

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

CLOCK SET (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 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 13.
- You can cancel set up menu by pressing **SRC/OFF**.

Using this unit

Basic operations

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.

Removing the front panel

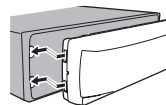
- ① Press the detach button to release the front panel.
- ② Push the front panel upward (I) and then pull it toward (II) you.



- 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.

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.

Selecting a source

- ① Press **SRC/OFF** to cycle between: **RADIO—USB/iPod—PANDORA—APP** (application)—**AUX—BT AUDIO**
- **USB MTP** displays while the MTP connection is in use.

Adjusting the volume

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

Note

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

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.

CR2025 (3 V)



Using this unit

⚠ 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.
See www.dtsc.ca.gov/hazardouswaste/perchlorate. (Applicable to California, U.S.A.)"

🔁 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 (the folder one level higher)
[1] Press **⇨**/DIMMER.

Returning to the ordinary display
Canceling the main menu
[1] Press **BAND**/↵.

Returning to the ordinary display from the list
[1] Press **BAND**/↵.

Radio

Basic operations

Selecting a band
[1] Press **BAND**/↵ until the desired band (**FM1**, **FM2**, **FM3** for FM or **AM**) is displayed.

Switching preset stations
[1] Turn **LEVER**
• Select **PCH** (preset channel) under **SEEK** to use this function.

Manual tuning (step by step)
[1] Turn **LEVER**
• Select **MAN** (manual tuning) under **SEEK** 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 **SEEK**, refer to **SEEK (LEVER tuning setting)** on page 5.

Using this unit

Storing and recalling stations for each band

Using preset tuning buttons

1 To store: Press and hold down one of the preset tuning buttons (1/∧ to 6/↶) until the number stops flashing.

2 To recall: Press one of the preset tuning buttons (1/∧ to 6/↶).

Switching the display

Selecting the desired text information

- [1] Press **DISP** to cycle between the following:
- **FREQUENCY** (program service name or frequency)
 - **BRDCAST INFO** (song title/artist name)
 - **CLOCK** (source name and clock)

Notes

- If the program service name cannot be acquired in **FREQUENCY**, 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.
- Text information items that can be changed depend on the area.

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 select the desired setting.
FM: **OFF—LV1—LV2—LV3—LV4**
AM: **OFF—LV1—LV2**
The highest level setting allows reception of only the strongest stations, while lower levels allow the reception of weaker stations.

SEEK (LEVER tuning setting)

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

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

- [1] Press **M.C.** to select **MAN** or **PCH**.

USB storage device

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.

Notes

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

Using this unit

Basic operations

Playing songs on a USB storage device <input type="checkbox"/> Plug in the USB storage device using the USB cable.
Stopping playback of files on a USB storage device <input type="checkbox"/> Disconnect the USB storage device.
Selecting a folder <input type="checkbox"/> Press 1/▲ or 2/▼ .
Selecting a track <input type="checkbox"/> Turn LEVER .
Fast forwarding or reversing <input type="checkbox"/> Turn and hold down LEVER to the right or left. <ul style="list-style-type: none"> When playing compressed audio, there is no sound during fast forward or reverse.
Returning to root folder <input type="checkbox"/> Press and hold BAND/Ⓜ .
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. <input type="checkbox"/> Press BAND/Ⓜ . <ul style="list-style-type: none"> You can switch between up to 32 different memory devices.

Note

Disconnect USB storage devices from the unit when not in use.

Operations using the MIXTRAX button

Turning MIXTRAX on or off You cannot use this function with USB MTP . <input type="checkbox"/> Press MIX to turn MIXTRAX on or off. <ul style="list-style-type: none"> For more details about MIXTRAX, refer to <i>About MIXTRAX</i> on page 15. When MIXTRAX is in use, the sound retriever function is disabled.

Switching the display

Selecting the desired text information <input type="checkbox"/> Press DISP to cycle between the following: MP3/WMA/WAV <ul style="list-style-type: none"> TRACK INFO (track title/artist name/album title) FILE INFO (file name/folder name) ELAPSED TIME (track number and playback time) CLOCK (source name and clock) SPEANA (spectrum analyzer)

Selecting and playing files/tracks from the name list

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

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

Selecting a file or folder <input type="checkbox"/> Turn M.C.
Playing <input type="checkbox"/> When a file or track is selected, press M.C.
Viewing a list of the files (or folders) in the selected list <input type="checkbox"/> When a folder is selected, press M.C.
Playing a song in the selected folder <input type="checkbox"/> When a folder is selected, press and hold M.C.

Using this unit

Operations using special buttons

Selecting a repeat play range <input type="checkbox"/> Press 6/↔ to cycle between the following: <ul style="list-style-type: none"> ALL – Repeat all files ONE – Repeat the current file FLD – Repeat the current folder
Playing tracks in random order <input type="checkbox"/> Press 5/∞ to turn random play on or off. Tracks in a selected repeat range are played in random order. <ul style="list-style-type: none"> To change songs during random play, turn LEVER to the right to switch to the next track. Turn LEVER to the left to restart playback of the current track from the beginning of the song.
Pausing playback <input type="checkbox"/> Press 4/▶/ to pause or resume.
Enhancing compressed audio and restoring rich sound (sound retriever) <input type="checkbox"/> Press 3/S.Rtrv to cycle between: 1—2—OFF (off) 1 is effective for low compression rates, and 2 is effective for high compression rates. <ul style="list-style-type: none"> Key operation is disabled when MIXTRAX is on.

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**.

Once selected, the function below can be adjusted.

- S.RTRV** is not available when MIXTRAX is turned on.

S.RTRV (sound retriever)

Automatically enhances compressed audio and restores rich sound.

- Press **M.C.** to select the desired setting.
 For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on page 6.

iPod

Basic operations

Playing songs on an iPod <input type="checkbox"/> Connect an iPod to the USB cable.
Selecting a song (chapter) <input type="checkbox"/> Turn LEVER .
Fast forwarding or reversing <input type="checkbox"/> Turn and hold down LEVER to the right or left.
Selecting an album <input type="checkbox"/> Press 1/▲ or 2/▼ .

Notes

- The iPod cannot be turned on or off when the control mode is set to **CONTROL 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 <input type="checkbox"/> Press MIX to turn MIXTRAX on or off. <ul style="list-style-type: none"> For more details about MIXTRAX, refer to <i>About MIXTRAX</i> on page 15.
--

Using this unit

Switching the display

Selecting the desired text information

- Press **DISP** to cycle between the following:
 - TRACK INFO** (track title/artist name/album title)
 - ELAPSED TIME** (track number and play-back time)
 - CLOCK** (source name and clock)
 - SPEANA** (spectrum analyzer)

Browsing for a song

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

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

Changing the name of the song or category

- Turn **M.C.**
Playlists—artists—albums—songs—podcasts
—genres—composers—audiobooks

Playing

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

Viewing a list of songs in the selected category

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

Playing a song in the selected category

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

Searching the list by alphabet

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

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.

Operations using special buttons

Selecting a repeat play range

- Press **6/↔** to cycle between the following:
 - ONE** – Repeat the current song
 - ALL** – Repeat all songs in the selected list
 - When the control mode is set to **CONTROL iPod**, the repeat play range will be same as what is set for the connected iPod.

Selecting a random play range (shuffle)

- Press **5/⌘** to cycle between the following:
 - SNG** – Play back songs in the selected list in random order.
 - ALB** – Play back songs from a randomly selected album in order.
 - OFF** – Not play back in random order.

Playing all songs in random order (shuffle all)

- Press and hold **5/⌘** to turn shuffle all on.
 - To turn off shuffle all, select **OFF** in shuffle. For details, refer to *Selecting a random play range (shuffle)* on page 7.

Pausing playback

- Press **4/▶/II** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever)

- Press **3/5.Rtrv** to cycle between:
 - 1—2—OFF** (off)
 - 1** is effective for low compression rates, and **2** is effective for high compression rates.

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

Using this unit

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.

CONTROL iPod is not compatible with the following iPod models.

- iPod nano 1st generation
- iPod with video

● Press **BAND/Ⓢ** to switch the control mode.

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

Notes

- Switching the control mode to **CONTROL 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 **CONTROL 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.

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.

- AUDIO BOOK** is not available when **CONTROL iPod** is selected in the control mode. For details, refer to *Using this unit's iPod function from your iPod* on page 7.

AUDIO BOOK (audiobook speed)

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select your favorite setting.
 - FASTER** – Playback at a speed faster than normal
 - NORMAL** – Playback at normal speed
 - SLOWER** – Playback at a speed slower than normal

5.RTRV (sound retriever)

- Press **M.C.** to select the desired setting. For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on page 7.

Using this unit

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:
<http://www.pandora.com/register>
- 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.
- 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.

Pandora internet radio is a music service not affiliated with Pioneer. More information is available at <http://www.pandora.com>.

The Pandora mobile application is available for most iPhone and smartphone, please visit www.pandora.com/everwhere/mobile for the latest compatibility information.

Starting procedure for iPhone users

- 1 **Connect an iPhone to USB cable.**
- 2 **Select WIRED in APP CONN. SET. For details, refer to APP CONN. SET (APP connect mode setting) on page 14.**
- 3 **Switch the source to PANDORA.**
- 4 **Start up the application on the iPhone and initiate playback.**

Starting procedure for smartphone users

- 1 **Connect your smartphone to this unit using Bluetooth wireless technology. For details, refer to Connection menu operation on page 10.**
- 2 **Select BLUETOOTH in APP CONN. SET. For details, refer to APP CONN. SET (APP connect mode setting) on page 14.**
- 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.

Using this unit

Basic operations

Playing tracks

For details, refer to *Starting procedure for iPhone users* on page 8 or *Starting procedure for smartphone users* on page 8.

Skipping tracks

- 1 Turn **LEVER** to the right.

Switching the display

Selecting the desired text information

- 1 Press **DISP** to cycle between the following:
 - **TRACK INFO** (station name/track title/artist name/album title)
 - **ELAPSED TIME** (playback time)
 - **CLOCK** (source name and clock)
 - **SPEANA** (spectrum analyzer)

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**.

- 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 **▷ DIMMER**. You will return to the previous level.
- 2 Press **M.C.**
The station will be deleted.

Operations using special buttons

Pausing playback

- 1 Press **4 ▶/II** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever)

- 1 Press **3/S.Rtrv** to cycle between:
 - 1—2—**OFF** (off)
 - 1 is effective for low compression rates, and 2 is effective for high compression rates.

Giving a Thumbs Down

- 1 Press **2/✓** to give a "Thumbs Down" for the track currently playing and to skip to the next track.

Giving a Thumbs Up

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

Using this unit

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)

A new station will be created from the information for the artist or track of the station currently being played.

- 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)
- 3 Press **M.C.**

A new station is created.

- You can also create a new station from a track by pressing and holding down **5/2X**.
- You can also create a new station from an artist by pressing and holding down **6/↵**.

S.RTRV (sound retriever)

- 1 Press **M.C.** to select the desired setting. For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on page 8.

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.

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 higher.

Using this unit

- 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 CONN. SET**. For details, refer to **APP CONN. SET (APP connect mode setting)** on page 14.
- 3 Switch the source to **APP**.
- 4 Start up the application on the iPhone and initiate playback.

Starting procedure for smartphone users

- 1 Connect your smartphone to this unit using Bluetooth wireless technology. For details, refer to *Connection menu operation* on page 10.

- 2 Select **BLUETOOTH** in **APP CONN. SET**. For details, refer to **APP CONN. SET (APP connect mode setting)** on page 14.

- 3 Switch the source to **APP**.

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

Basic operations

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/4** to pause or resume.

Switching the display

Selecting the desired text information

- 1 Press **DISP** to cycle between the following:
 - **TRACK INFO** (track title/artist name/album title)
 - **APP NAME** (application name)
 - **ELAPSED TIME** (playback time)
 - **CLOCK** (source name and clock)
 - **SPEANA** (spectrum analyzer)

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.

Using this unit

PAUSE (pause)

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

S.RTRV (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

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

- 1 Connection
 Use the Bluetooth telephone connection menu. Refer to *Connection menu operation* on page 10.
- 2 Function settings
 Use the Bluetooth telephone function menu. Refer to *Phone menu operation* on page 11.

Basic operations

Making a phone call
1 Refer to <i>Phone menu operation</i> on page 11.
Answering an incoming call
1 When a call is received, press  .
Ending a call
1 Press  .
Rejecting an incoming call
1 When a call is received, press and hold  .
Answering a call waiting
1 When a call is received, press  .
Switching between callers on hold
1 Press M.C.
Canceling call waiting
1 Press and hold  .
Adjusting the other party's listening volume
1 Turn LEVER while talking on the phone.
<ul style="list-style-type: none"> When private mode is on, this function is not available.
Turning private mode on or off
1 Press BAND /  .

Note

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

Storing and recalling phone numbers

1 To store: Press and hold down one of the preset tuning buttons (1/∧ to 6/↔).

The functions below can be used to store phone numbers to the memory. For details, refer to

Phone menu operation on page 11.

- MISSED** (missed call history)
- DIALED** (dialed call history)
- RECEIVED** (received call history)
- PHONE BOOK** (phone book)

Using this unit

2 To recall: Press one of the preset tuning buttons (1/∧ to 6/↔).

3 Press M.C. to make a call.

Switching the display

Selecting the desired text information

You can change the display during a call.

- 1 Press **DISP** to cycle between the following:

- Call time
- Name of other party
- Number of other party

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.

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 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.

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

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

DEL DEVICE (deleting a device from the device list)

Using this unit

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the name of a device you want to delete.
 - Press and hold **M.C.** to swap between the Bluetooth device address and the device name.
- 3 Press **M.C.** to display **DELETE YES**.
- 4 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)

- 1 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.
- 2 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.
- 3 Press **M.C.** to connect the selected device.
 - To complete the connection, check the device name (**Pioneer BT Unit**) and enter the PIN code on your device.
 - 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.

A. CONN (connecting to a Bluetooth device automatically)

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

VISIBLE (setting the visibility of this unit)

Using this unit

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

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

PIN CODE (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.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select a number.
- 3 Press **M.C.** to move the cursor to the next position.
- 4 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.

DEV. INFO (Bluetooth device address display)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to display the device information.

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 **DEL DEVICE** screen automatically and prompt you to delete a device. For details, refer to **DEL DEVICE** (*deleting a device from the device list*) on page 10.

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

A. 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.

- 1 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.

Phone menu operation

1 Press to display the phone menu.

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

Once selected, the following functions can be adjusted.

MISSED (missed call history)
DIALED (dialed call history)
RECEIVED (received call history)

- 1 Press **M.C.** to display the phone number list.
- 2 Turn **M.C.** to select a name or phone number.
- 3 Press **M.C.** to make a call.

PHONE BOOK (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 **VISIBLE** (*setting the visibility of this unit*) on page 11.

- 1 Press **M.C.** to display **SEARCH** (alphabetical list).
- 2 Turn **M.C.** to select the first letter of the name you are looking for.
- 3 Press **M.C.** to display a registered name list.
- 4 Turn **M.C.** to select the name you are looking for.
- 5 Press **M.C.** to display the phone number list.
- 6 Turn **M.C.** to select a phone number you want to call.
- 7 Press **M.C.** to make a call.

PRESET 1-6 (preset phone numbers)

Using this unit

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired preset number.
- 3 Press **M.C.** to make a call.
 - You can also use the preset number buttons 1/ \wedge to 6/ \rightarrow to recall a preset phone number. For more details about storing phone numbers, refer to *Storing and recalling phone numbers* on page 10.

PHONE FUNC (phone function)

You can set **A. ANSR R.TONE** and **PB INVT** from this menu. For details, refer to *Function and operation* on page 12.

Function and operation

1 Display PHONE FUNC.

Refer to **PHONE FUNC** (*phone function*) on page 12.

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.

A. ANSR (automatic answering)

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

R.TONE (ring tone select)

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

PB INVT (phone book name view)

- 1 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.
- 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 your 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.

Using this unit

- 1 Connection
Use the Bluetooth telephone connection menu. Refer to *Connection menu operation* on page 10.

Basic operations

- Fast forwarding or reversing
1 Turn and hold down **LEVER** to the right or left.
- Selecting a track
1 Turn **LEVER**.
- Starting playback
1 Press **BAND**/ \rightarrow .

Switching the display

- Selecting the desired text information
1 Press **DISP** to cycle between the following:
 - **DEVICE INFO** (device name)
 - **TRACK INFO** (track title/artist name/album title)
 - **ELAPSED TIME** (track number and playback time)
 - **CLOCK** (source name and clock)
 - **SPEANA** (spectrum analyzer)

Operations using special buttons

- Selecting a repeat play range
- 1 Press **6**/ \rightarrow to select a repeat play range from one or all.
 - 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.
- Playing tracks in random order
- 1 Press **5**/ \times to turn random play on or off.
 - The random play range varies depending on the Bluetooth audio player in use.
- Pausing playback
- 1 Press **4**/ \blacktriangleright /**II** to pause or resume.
- Enhancing compressed audio and restoring rich sound (sound retriever)
- 1 Press **3**/**S.Rtrv** to cycle between:
 - **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.

PLAY (play)

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

STOP (stop)

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

Using this unit

S.RTRV (sound retriever)

- 1 Press **M.C.** to select the desired setting.
For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on page 12.

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.

- **FADER** is not available when **SW** is selected in **REAR-SP**. For details, refer to **REAR-SP (rear output setting)** on page 15.
- **SUB.W CTRL** is not available when **SUB.W** is selected in **OFF**. For details, refer to **SUB.W (subwoofer on/off setting)** on page 13.
- **SLA** is not available when **FM** is selected as the source.

FADER (fader adjustment)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to adjust the front/rear speaker balance.

BALANCE (balance adjustment)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to adjust the left/right speaker balance.

EQ SETTING (equalizer recall)

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the equalizer.
POWERFUL—NATURAL—VOCAL—CUSTOM1—CUSTOM2—FLAT—SUPER BASS
The equalizer band and equalizer level can be customized when **CUSTOM1** or **CUSTOM2** is selected.
If selecting **CUSTOM1** or **CUSTOM2**, complete the procedures outlined below. If selecting other options, press **M.C.** to return to the previous display.

- **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.

- 3 Press **M.C.** to display the setting mode.
- 4 Press **M.C.** to cycle between the following:
Equalizer band—Equalizer level
- 5 Turn **M.C.** to select the desired setting.
Equalizer band: **80HZ—250HZ—800HZ—2.5KHZ—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 select the desired setting.
OFF (off)—LOW (low)—MID (mid)—HI (high)

SUB.W (subwoofer on/off setting)

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

- 1 Press **M.C.** to select the desired setting.
NOR (normal phase)—**REV** (reverse phase)—**OFF** (subwoofer off)

Using this unit

SUB.W CTRL (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 following:
Cut-off frequency—Output level—Slope level
Rates that can be adjusted will flash.
- 3 Turn **M.C.** to select the desired setting.
Cut-off frequency: **50HZ—63HZ—80HZ—100HZ—125HZ—160HZ—200HZ**
Output level: **-24 to +6**
Slope level: **-12—-24**

BASS BOOST (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 SETTING (high pass filter adjustment)

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 cycle between the following:
Cut-off frequency—Slope level
- 3 Turn **M.C.** to select the desired setting.
Cut-off frequency: **OFF—50HZ—63HZ—80HZ—100HZ—125HZ—160HZ—200HZ**
Slope level: **-12—-24**

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**

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.

CLOCK SET (setting the clock)

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

12H/24H (time notation)

- 1 Press **M.C.** to select the desired setting.
12H (12-hour clock)—**24H** (24-hour clock)

INFO DISPLAY (sub information)

Using this unit

The type of text information displayed in the sub information section can be toggled.

- 1 Press **M.C.** to display the setting mode.
 - 2 Turn **M.C.** to select the desired setting.
SPEANA—LEVEL METER—SOURCE—CLOCK—OFF
- The signal bar indicator displays for **SPEANA** or **LEVEL METER** when the source is set to **RADIO**.

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.

DIMMER (dimmer)

- 1 Press **M.C.** to turn the dimmer on or off.
- You can also change the dimmer setting by pressing and holding **↔DIMMER**.

BRIGHTNESS (brightness adjustment)

You can use this setting to adjust the display brightness.

The range of settings available for **BRIGHTNESS** will vary depending on whether **DIMMER** is on or off. For details, refer to **DIMMER (dimmer)** on page 14.

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the desired setting.
DIMMER on: **1 to 4**
DIMMER off: **1 to 5**

BT AUDIO (Bluetooth audio activation)

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.

BT MEM CLEAR (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/preset phone numbers

- 1 Press **M.C.** to show the confirmation display.
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 (Bluetooth version display)

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

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

APP CONN. SET (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**.

Selecting the illumination color illumination function menu

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

Using this unit

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

Once selected, the following audio functions can be adjusted.

KEY COLOR (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 illumination color.
 - Preset colors (ranging from **WHITE** to **BLUE**)
 - **SCAN** (cycle through a variety of colors automatically)
 - **CUSTOM** (customized illumination color)

DISP COLOR (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 illumination color.
 - Preset colors (ranging from **WHITE** to **BLUE**)
 - **SCAN** (cycle through a variety of colors automatically)
 - **CUSTOM** (customized illumination color)

BOTH COLOR (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 illumination color.
 - Preset colors (ranging from **WHITE** to **BLUE**)
 - **SCAN** (cycle through a variety of colors automatically)

PHONE COLOR (phone color setting)

Selecting the key colors displayed when a call is received

- 1 Press **M.C.** to display the setting mode.
- 2 Turn **M.C.** to select the illumination color.
 - **FLASHING** – The color selected from **KEY COLOR** flashes.
 - **FLASH MODE1** to **FLASH MODE6** – 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 flash momentarily when the ignition is turned ON/OFF, regardless of whether the **ILLUMI FX** setting is on or off.

Notes

- When **CUSTOM** is selected, the customized color saved is selected.
- **CUSTOM** can be set separately from the **DIMMER** on/off setting.

Customizing the illumination color

You can create custom illumination colors for both **KEY COLOR** and **DISP COLOR**.

- 1 Press **M.C.** to display the main menu.
- 2 Turn **M.C.** to display **ILLUMI** and press to select.
- 3 Turn **M.C.** to display **KEY COLOR** or **DISP COLOR**. Press to select.

Using this unit

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.

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 6.

MIXTRAX menu

- Press M.C. to display the main menu.**
- 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 PLAYBCK (short playback mode)

You can select the length of the playback time.

- Press **M.C.** to display the setting mode.
- 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)—**OFF** (off)

FLASH AREA (flash area)

You can select areas for flashing colors.

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the desired setting.
 - KEY/DISPLAY** (key and display)—**KEY** (key)—**OFF** (off)
 - When **OFF** is selected, the color set under **ILLUMI** is used as the display color.

FLASH PATTERN (flash pattern)

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

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the desired setting.
 - SOUND LEVEL 1** to **SOUND LEVEL 6** – The flash pattern changes according to the sound level. Select a desired mode.
 - LOW PASS 1** to **LOW PASS 6** – The flash pattern changes according to the bass level. Select a desired mode.
 - RANDOM 1** – The flash pattern changes randomly according to the sound level mode and low pass mode.
 - RANDOM 2** – The flash pattern changes randomly according to the sound level mode.
 - RANDOM 3** – The flash pattern changes randomly according to the low pass mode.

Using this unit

DISPLAY FX (display effect)

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

- Press **M.C.** to select the desired setting.
 - ON** (MIXTRAX special effects display)—**OFF** (normal display)

CUT IN FX (manual cut-in effect)

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

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

Initial menu

- Press and hold SRC/OFF until the unit turns off.**
- Press M.C. to display the main menu.**
- Turn M.C. to change the menu option and press to select INITIAL.**
- Turn M.C. to select the initial menu function.**
 Once selected, the following initial menu functions can be adjusted.

REAR-SP (rear output setting)

The rear speaker leads output and the RCA output of this unit can be used to connect a full-range speaker or subwoofer. Select a suitable option for your connection.

- Press **M.C.** to display the setting mode.
- Turn **M.C.** to select the desired setting.
 - FUL** – Select when there is a full-range speaker connected to the rear speaker leads output.
 - SW** – Select when there is a subwoofer connected directly to the rear speaker leads output without any auxiliary amp.

S/W 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.

- Press **M.C.** to start updating.
 Follow the on-screen instructions to finish updating the Bluetooth software.

System menu

- Press and hold SRC/OFF until the unit turns off.**
- Press M.C. to display the main menu.**
- Turn M.C. to change the menu option and press to select SYSTEM.**
- Turn M.C. to select the system menu function.**
 For details, refer to *System menu* on page 13.

Using an AUX source

- Use the AUX cable to connect an auxiliary device to this unit.**
- Press SRC/OFF to select AUX as the source.**

Note

AUX cannot be selected unless the auxiliary setting is turned on. For more details, refer to **AUX (auxiliary input)** on page 14.

Using this unit

Switching the display

Selecting the desired text information

- 1 Press **DISP** to cycle between the following:
- Source name
 - Source name and clock

If an unwanted display appears

Turn off the unwanted display using the procedures listed below.

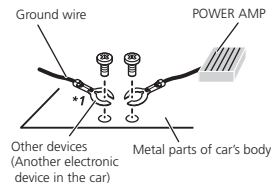
- 1 Press **M.C.** to display the main menu.
- 2 Turn **M.C.** to change the menu option and press to select **SYSTEM**.
- 3 Turn **M.C.** to display **DEMO OFF** and press to select.
- 4 Turn **M.C.** to switch to **YES**.
- 5 Press **M.C.** to select.

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.
- 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 12 V DC). 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.



ACC position



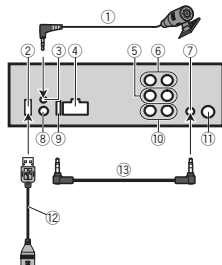
No ACC position

Installation

This unit

CAUTION

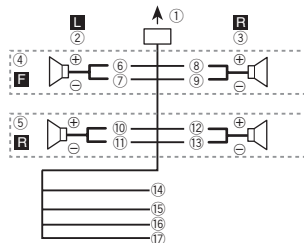
Use a USB cable when connecting a USB storage device. Connecting a USB storage device directly may be dangerous because it may stick out.



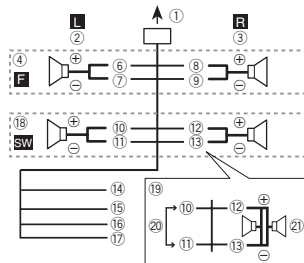
- ① Microphone (4 m) (13 ft. 1 in.)
- ② USB port
- ③ Microphone input
- ④ Power cord input
- ⑤ Front output
- ⑥ Rear output
- ⑦ AUX input jack (3.5 mm stereo jack)
- ⑧ Wired remote input
Hard-wired remote control adapter can be connected (sold separately).
- ⑨ Fuse (10 A)
- ⑩ Subwoofer output
- ⑪ Antenna input
- ⑫ USB cable (1.5 m) (4 ft. 11 in.)
- ⑬ AUX cable (1.5 m) (4 ft. 11 in.)

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.



- ① To Power cord input
- ② Left
- ③ Right
- ④ Front speaker
- ⑤ Rear speaker
- ⑥ White
- ⑦ White/black
- ⑧ Gray
- ⑨ Gray/black

Installation

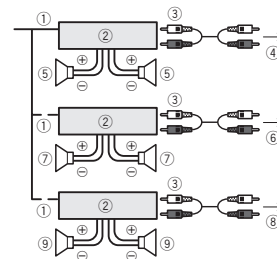
- ⑩ Green
- ⑪ Green/black
- ⑫ Violet
- ⑬ Violet/black
- ⑭ Black (chassis ground)
Connect to a clean, paint-free metal location.
- ⑮ Yellow
Connect to the constant 12 V supply terminal.
- ⑯ Red
Connect to terminal controlled by ignition switch (12 V DC).
- ⑰ Blue/white
Connect to system control terminal of the power amp or auto-antenna relay control terminal (max. 300 mA 12 V DC).
- ⑱ Subwoofer (4Ω)
- ⑲ 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.
- ⑳ Not used.
- ㉑ 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 initial menu of this unit. Refer to **REAR-SP** (rear output setting) on page 15. The subwoofer output of this unit is manual.

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

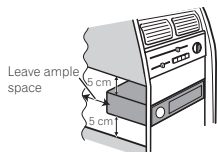
- Check all connections and systems before final installation.
- Do not use unauthorized parts as this may cause malfunctions.
- Consult your dealer if installation requires drilling of holes or other modifications to the vehicle.
- Do not install this unit where:
 - it may interfere with operation of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

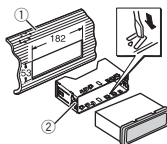
This unit can be properly installed using either front-mount or rear-mount installation. Use commercially available parts when installing.

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.

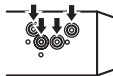


- Dashboard
- Mounting sleeve

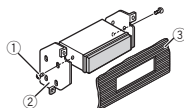
- Make sure that the unit is installed securely in place. An unstable installation may cause skipping or other malfunctions.

DIN Rear-mount

1 Line up the holes on the mounting bracket with the holes on the sides of the unit to attach the bracket.



2 Screw in one screw on each side to hold the unit in place.



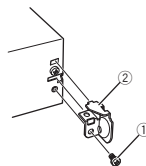
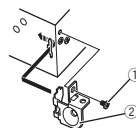
- Screw
- Mounting bracket
- Dashboard or console

Installation

- Use either truss (5 mm × 8 mm) or flush surface (5 mm × 9 mm) screws, depending on the kind of screws that the mounting bracket screw holes will accept.

Using the included bracket

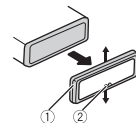
You can also use the included bracket to mount the unit. Check to make sure that the included bracket matches your particular model of vehicle and then attach it to the unit as shown below.



- Screw
- Bracket

Removing the unit

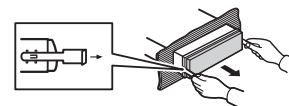
1 Remove the trim ring.



- Trim ring
- 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.



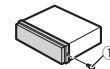
3 Pull the unit out of the dashboard.

Removing and re-attaching the front panel

You can remove the front panel to protect your unit from theft. For details, refer to *Removing the front panel and Re-attaching the front panel* on page 4.

Securing the front panel

The front panel can be secured with the supplied screw.



- Screw

Installation

Installing the microphone

CAUTION

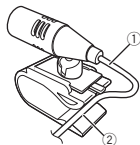
It is extremely dangerous to allow the microphone lead to become wound around the steering column or shift lever. Be sure to install the unit in such a way that it will not obstruct driving.

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

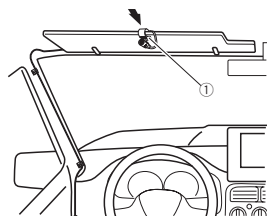
- 1 Fit the microphone lead into the groove.



- 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.)

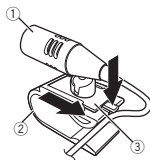


- 1 Microphone clip

When installing the microphone on the steering column

- 1 Detach the microphone base from the microphone clip.

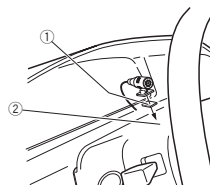
To detach the microphone base from the microphone clip, slide the microphone base.



- 1 Microphone
- 2 Microphone clip
- 3 Microphone base

Installation

- 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 **FLD** (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.

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.

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.

Additional information

ERROR

The device in use does not support voice recognition.

Switch to a device that does support voice recognition.

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.

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.

N/A USB

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.

Additional information

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 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 device. Once the device's main menu is displayed, reconnect the device and reset it.

START UP APP

The Pandora application has not started running yet. Start up the Pandora application.

INOPERABLE

The operation was disabled.

Run the same command for another track.

TRY AGAIN

Unable to save thumb rating.

Unable to save BookMark.

Unable to add station.

Try again later.

MAINTENANCE

Pandora system is undergoing maintenance.

Try again later.

SKIP LIMIT

Skip limit reached.

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

CHECK APP

This version of the Pandora application is not supported.

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

CHECK DEVICE

Device error message displayed in Pandora application.

Unable to play music from Pandora.

Please check your connected device.

NO STATION

No station found.

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

NO ACTIVE ST

No station selected.

Select a station.

Additional information

NO BT DEVICE GO TO BT MENU TO REGISTER

No Bluetooth device found.

Follow the instructions that appear on the screen.

CONN. FAILED PRESS BAND KEY TO RETRAY

Bluetooth connection failed.

Follow the instructions that appear on the screen.

CHECK APP PRESS BAND KEY TO RETRAY

Connection to the Pandora application failed.

Follow the instructions that appear on the screen.

DISCONNECTED PRESS BAND KEY TO RETRAY

Bluetooth connection lost.

Follow the instructions that appear on the screen.

STATION FULL

A new station cannot be added.

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

CAN.T DELETE

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.

CONN. FAILED PRESS BAND KEY TO RETRAY

Bluetooth connection failed.

Follow the instructions that appear on the screen.

DISCONNECTED PRESS BAND KEY TO RETRAY

Bluetooth connection failed.

Follow the instructions that appear on the screen.

CHECK APP

Connection to the application failed.

Follow the instructions that appear on the screen.

START UP APP

The application has not started running yet.

Follow the instructions that appear on the screen.

Handling guidelines

USB storage device

Connections via USB hub are not supported.

Do not connect anything other than a USB storage device.

Additional information

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

Do not leave the iPod in places with high temperatures.

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.

Compressed audio compatibility (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

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**.

Additional information

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.

USB storage device

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 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 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.
- Do not leave a USB storage device in any place that is subject to high temperatures.

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

Additional information

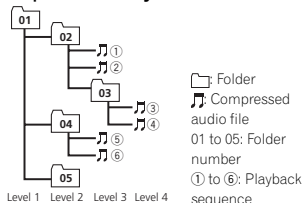
CAUTION

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

Sequence of audio files

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

Example of a hierarchy



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

Copyright and trademark

Bluetooth

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

iTunes

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

MP3

Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generating) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>.

Additional information

WMA

Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from Microsoft Licensing, Inc.

iPod & iPhone

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

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

Android™ & Google Play

Android and Google Play are trademarks of Google Inc.

Pandora® internet radio

PANDORA, the PANDORA logo, and the Pandora trade dress are trademarks or registered trademarks of Pandora Media, Inc. Used with permission.

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 × 97 mm (7 in. × 2 in. × 3-7/8 in.)
Nose	188 mm × 58 mm × 15 mm (7-3/8 in. × 2-1/4 in. × 5/8 in.)
D Chassis	178 mm × 50 mm × 97 mm (7 in. × 2 in. × 3-7/8 in.)
Nose	170 mm × 46 mm × 15 mm (6-3/4 in. × 1-3/4 in. × 5/8 in.)
Weight	0.5 kg (1.1 lbs)

Audio

Maximum power output ...	50 W × 4 70 W × 1/2 Ω (for subwoofer)
Continuous power output	22 W × 4 (50 Hz to 15000 Hz, 5% THD, 4 Ω load, both channels driven)
Load impedance	4 Ω (4 Ω to 8 Ω allowable)
Preout maximum output level	2.0 V
Loudness contour	+10 dB (100 Hz), +6.5 dB (10 kHz) (volume: -30 dB)
Equalizer (5-Band Graphic Equalizer):	
Frequency	80 Hz/250 Hz/800 Hz/2.5 kHz/8 kHz
Equalization range	±12 dB (2 dB step)
Subwoofer (mono):	
Frequency	50 Hz/63 Hz/80 Hz/100 Hz/125 Hz/160 Hz/200 Hz
Slope	-12 dB/oct, -24 dB/oct
Gain	+6 dB to -24 dB
Phase	Normal/Reverse

USB

USB standard specification	USB 2.0 full speed
----------------------------------	--------------------

Additional information

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

FM tuner

Frequency range	87.9 MHz to 107.9 MHz
Usable sensitivity	9 dBf (0.8 μ V/75 Ω mono, S/N: 30 dB)
Signal-to-noise ratio	72 dB (IHF-A network)

AM tuner

Frequency range	530 kHz to 1 710 kHz
Usable sensitivity	25 μ V (S/N: 20 dB)
Signal-to-noise ratio	62 dB (IHF-A network)

Bluetooth

Version	Bluetooth 3.0 certified
Output power	+4 dBm Maximum (Power class 2)

CEA2006 Specifications



Power output	14 W RMS \times 4 Channels (4 Ω and \leq 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.

Visit our website / Visitez notre site Web / Visite nuestro sitio Web

Register your product at
Enregistrez votre produit au
Registre su producto en

<http://www.pioneerelectronics.com>

in Canada
au Canada
en Canadá <http://www.pioneerelectronics.ca>

- Learn about product updates (such as firmware updates) for your product.
- Register your product to receive notices about product updates and to safeguard purchase details in our files in the event of loss or theft.
- Access owner's manuals, spare parts information, service information, and much more.
- Informez-vous sur les mises à jour disponibles pour votre produit (telles que les mises à jour du firmware).
- Enregistrez votre produit afin de recevoir des notifications concernant les mises à jour du produit, ainsi que pour sauvegarder les détails de votre achat dans nos fichiers en cas de perte ou de vol.
- Accédez aux modes d'emploi, aux informations relatives aux pièces de rechange et à l'entretien, et à beaucoup d'autres informations.
- Infórmese de las últimas actualizaciones (por ejemplo, actualizaciones de firmware) para su producto.
- Registre su producto para recibir información sobre actualizaciones del producto y para mantener la seguridad de los detalles de su compra en nuestros archivos en caso de pérdida o robo.
- Acceso a manuales de instrucciones, información sobre piezas de recambio y mucho más.

PIONEER CORPORATION

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

PIONEER ELECTRONICS (USA) INC.

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

PIONEER ELECTRONICS OF CANADA, INC.

340 Ferrier Street, Unit 2, Markham, Ontario L3R 2Z5, Canada
TEL: 1-877-283-5901
TEL: 905-479-4411

PIONEER EUROPE NV

Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium/Belgique
TEL: (0) 3/570.05.11

PIONEER ELECTRONICS ASIACENTRE PTE. LTD.

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

PIONEER ELECTRONICS AUSTRALIA PTY. LTD.

5 Arco Lane, Heatherton, Victoria, 3202 Australia
TEL: (03) 9586-6300

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

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

先鋒股份有限公司

台北市內湖區瑞光路407號8樓
電話：886-(0) 2-2657-3588

先鋒電子(香港)有限公司

香港九龍長沙灣道909號5樓
電話：852-2848-6488

© 2013 PIONEER CORPORATION. All rights reserved.

© 2013 PIONEER CORPORATION. Tous droits de reproduction et de traduction réservés.

<KOKZ13H>

<QRD3241-A> UC



PIONEER ELECTRONICS (USA) INC.

PIONEER ELECTRONIQUE DU CANADA, INC.

GARANTIE LIMITÉE
GARANTIE VALIDE SEULEMENT DANS LE PAYS OÙ LE PRODUIT A ÉTÉ ACHETÉ

GARANTIE

Pioneer Electronics (USA) Inc. (PUSA) et Pioneer Électronique du Canada, Inc. (POC) garantissent que les produits distribués par PUSA aux États-Unis et par POC au Canada qui, après avoir été installés et utilisés conformément au manuel de l'utilisateur inclus avec l'unité, ne fonctionnent pas de façon appropriée dans des conditions d'utilisation normales en raison d'un vice de fabrication, seront réparés ou remplacés par une unité de valeur comparable, au choix de PUSA ou de POC, sans que vous deviez payer pour les pièces ou les travaux de réparation. Les unités ou pièces de rechange fournies en vertu de la présente garantie peuvent être neuves ou remises à neuf, au choix de PUSA ou de POC.

LA PRÉSENTE GARANTIE LIMITÉE S'APPLIQUE AU PROPRIÉTAIRE INITIAL AINSI QU'À TOUT PROPRIÉTAIRE SUBSÉQUENT DU PRÉSENT PRODUIT PIONEER PENDANT LA PÉRIODE DE GARANTIE, À CONDITION QUE LE PRODUIT AIT ÉTÉ ACHETÉ CHEZ UN DISTRIBUTEUR OU MARCHAND PIONEER AUTORISÉ AUX ÉTATS-UNIS OU AU CANADA. VOUS DEVEZ FOURNIR UN RELEVÉ DE CAISSE OU UNE AUTRE PREUV E D'ACHAT VALIDE INDICQUANT LA DATE DE L'ACHAT INITIAL OU, SI VOUS LOUEZ LE PRODUIT, VOTRE CONTRAT DE LOCATION INDICQUANT L'ENDROIT ET LA DATE DE LA PREMIÈRE LOCATION. SI JAMAIS UN SERVICE DE RÉPARATION EST REQUIS, LE PRODUIT DOIT ÊTRE EXPÉDIÉ PENDANT LA PÉRIODE DE GARANTIE, EN PORT PRÉPAYÉ, À L'INTÉRIEUR DU PAYS OÙ L'ACHAT A ÉTÉ EFFECTUÉ SEULEMENT, TEL QU'IL EST EXPLIQUÉ DANS LE PRÉSENT DOCUMENT. VOUS ÊTES RESPONSABLE DU DÉMONTAGE ET DE L'INSTALLATION DU PRODUIT. PUSA OU POC, LE CAS ÉCHÉANT, PAIERA POUR VOUS RETOURNER LE PRODUIT RÉPARÉ OU REMPLACÉ, À L'INTÉRIEUR DU PAYS OÙ L'ACHAT A ÉTÉ EFFECTUÉ.

PÉRIODE DE GARANTIE DES PRODUITS

	Pièces	Main-d'œuvre
Produits stéréo pour l'auto	1 an	1 an

La période de garantie pour les clients qui louent le produit commence le jour où le produit est utilisé pour la première fois (a) pendant la période de location ou (b) après la vente au détail, selon ce qui se produit en premier.

ÉLÉMENTS NON COUVERTS PAR LA GARANTIE

UN PRODUIT ACHETÉ CHEZ UN DISTRIBUTEUR NON AUTORISÉ N'EST COUVERT PAR AUCUNE GARANTIE EXPRESSE OU IMPLICITE, Y COMPRIS QUELQUE GARANTIE IMPLICITE DE QUALITÉ MARCHANDE OU D'ADAPTATION À UN USAGE PARTICULIER QUE CE SOIT. DE PLUS, CE PRODUIT EST STRICTEMENT VENDU " TEL QUEL " ET " AVEC TOUS SES DÉFAUTS ÉVENTUELS ".

PIONEER N'EST PAS RESPONSABLE DE QUELQUE DOMMAGE CONSÉCUTIF ET(OU) INDIRECT QUE CE SOIT.

PIONEER NE GARANTIT PAS LES PRODUITS ÉNUMÉRÉS CI-DESSUS LORSQU'ILS SONT UTILISÉS À DES FINS COMMERCIALES OU PROFESSIONNELLES, OU AU SEIN DE TOUTE APPLICATION INDUSTRIELLE OU COMMERCIALE QUE CE SOIT.

LA PRÉSENTE GARANTIE NE S'APPLIQUE PAS SI LE PRODUIT A ÉTÉ SOUMIS À UNE PUISSANCE NOMINALE EXCÉDANT CELLE QUI A ÉTÉ ÉTABLIE DANS LES DOCUMENTS S'Y APPLIQUANT.

LA PRÉSENTE GARANTIE NE COUVRE PAS LES TÉLÉVISEURS OU LES ÉCRANS ENDOMMAGÉS EN RAISON DE L'APPLICATION D'IMAGES STATIQUES ET IMMOBILES PENDANT DE LONGUES PÉRIODES (IMAGES RÉMANENTES).

LA PRÉSENTE GARANTIE NE COUVRE PAS LE COFFRAGE OU LES ÉLÉMENTS ESTHÉTIQUES, LES ANTENNES INSTALLÉES PAR L'UTILISATEUR, LES DOMMAGES AUX DISQUES OU AUX RUBANS OU DISQUES D'ENREGISTREMENT, LES DOMMAGES AU PRODUIT DÉCOULANT D'UNE RETOUCHE, D'UNE MODIFICATION NON AUTORISÉE PAR ÉCRIT PAR PIONEER, D'UN ACCIDENT, D'UN USAGE INAPPROPRIÉ OU D'UN USAGE ABUSIF, LES DOMMAGES PRODUITS PAR LA Foudre OU LA SURTENSION, LES DOMMAGES SUBSÉQUENTS DÉCOULANT DE FUITES, LES DOMMAGES DÉCOULANT DE PILES DÉFECTUEUSES OU DE L'UTILISATION DE PILES NON CONFORMES À CELLES QUI SONT SPÉCIFIÉES DANS LE MANUEL DE L'UTILISATEUR.

LA PRÉSENTE GARANTIE NE COUVRE PAS LE COÛT DES PIÈCES OU DE LA MAIN-D'ŒUVRE QUI SERAIENT AUTREMENT OFFERTES SANS FRAIS EN VERTU DE LA PRÉSENTE GARANTIE, SI ELLES SONT OBTENUES AUPRÈS D'UNE SOURCE AUTRE QU'UNE SOCIÉTÉ DE SERVICE OU AUTRE AUTORISÉE OU DÉSIGNÉE PAR PIONEER. LA PRÉSENTE GARANTIE NE COUVRE PAS LES DÉFECTUOSITÉS OU LES DOMMAGES CAUSÉS PAR L'UTILISATION D'UNE MAIN-D'ŒUVRE OU DE PIÈCES NON AUTORISÉES, NI D'UN ENTRETIEN INADÉQUAT.

LES NUMÉROS DE SÉRIE MODIFIÉS, OBLITÉRÉS OU ENLEVÉS ANNULENT LA PRÉSENTE GARANTIE DANS SA TOTALITÉ.

INVALIDITÉ DE TOUTE AUTRE GARANTIE

AUX ÉTATS-UNIS - PIONEER LIMITE SES OBLIGATIONS EN VERTU DE TOUTE GARANTIE IMPLICITE QUE CE SOIT, Y COMPRIS ENTRE AUTRES LES GARANTIES IMPLICITES DE QUALITÉ MARCHANDE OU D'ADAPTATION À UN USAGE PARTICULIER, À UNE PÉRIODE N'EXCÉDANT PAS LA PÉRIODE DE GARANTIE. AUCUNE GARANTIE NE S'APPLIQUE APRÈS LA PÉRIODE DE GARANTIE. CERTAINS ÉTATS NE PERMETTENT PAS LA LIMITATION DE LA DURÉE D'UNE GARANTIE IMPLICITE, ET CERTAINS NE PERMETTENT PAS L'EXCLUSION OU LA LIMITATION DES DOMMAGES CONSÉCUTIFS OU INDIRECTS. LES LIMITATIONS ET EXCLUSIONS ÉTABLIES CI-DESSUS PEUVENT DONC NE PAS S'APPLIQUER À VOUS. LA PRÉSENTE GARANTIE VOUS DONNE DES DROITS LÉGAUX SPÉCIFIQUES. VOUS POUVEZ JOUIR D'AUTRES DROITS, QUI PEUVENT VARIER D'UN ÉTAT À L'AUTRE.

AU CANADA - SOUS RÉSERVE DE CE QUI EST EXPRESSÉMENT STIPULÉ DANS LES PRÉSENTES, AUCUNE REPRÉSENTATION, GARANTIE, OBLIGATION OU CONDITION, QU'ELLE SOIT IMPLICITE, OBLIGATOIRE OU AUTRE, NE S'APPLIQUE À CE PRODUIT.

SERVICE

Pour profiter du service en vertu de la garantie aux États-Unis et au Canada, vous devez présenter votre relevé de caisse ou, si vous louez le produit, votre contrat de location indiquant l'endroit et la date de la transaction par le premier propriétaire.

AUX ÉTATS-UNIS - Communiquez avec un des partenaires Pioneer suivants pour le service :

Votre marchand Pioneer autorisé - Votre marchand Pioneer peut réparer ou remplacer votre unité, ou bien vous diriger vers une société de service Pioneer autorisée. Votre reçu de caisse devrait énumérer ses coordonnées (numéros de téléphone et de télécopieur, courriel, etc.).

Votre société de service autorisée - Celle-ci peut réparer la plupart des produits électroniques pour l'auto et vous aviser des options supplémentaires qui pourraient s'appliquer. Veuillez accéder au site Web de Pioneer à www.pioneerelectronics.com, cliquer sur l'onglet " Support " et choisir " Find a Service Center " pour trouver la société de service Pioneer la plus proche.

Pioneer Customer Support - Ce service peut vous aviser des options de service optimales pour votre modèle et votre emplacement géographique. Veuillez consulter les coordonnées ci-dessous pour communiquer avec Pioneer par téléphone, par courrier ou par le biais de son site Web.

AU CANADA - POC a désigné un certain nombre de sociétés de service autorisées partout au Canada si jamais vous avez besoin de services de réparation pour votre produit. Communiquez avec Pioneer Electronique du Canada (les coordonnées se trouvent ci-dessous) pour trouver une société de service autorisée.

Expédition de votre unité aux fins de service - Si vous expédiez l'unité, vous devez l'emballer soigneusement et l'envoyer à une société de service autorisée ou à Pioneer, en port prépayé et selon une méthode de transport pouvant être suivie et assurée. Emballez le produit au moyen de matériaux coussinés adéquats pour éviter les dommages pendant le transport. Incluez votre nom, votre adresse et un numéro de téléphone où nous pouvons vous joindre pendant les heures de bureau.

Pour toutes les plaintes et problèmes aux États-Unis, communiquez avec le service de Soutien à la clientèle au 1-800-421-1404. Au Canada, communiquez avec le groupe de Satisfaction de la clientèle au 1-877-283-5901.

Pour le raccordement ou le fonctionnement de votre unité, ou pour trouver une société de service autorisée, appelez ou écrivez à :

AUX ÉTATS-UNIS
CUSTOMER SUPPORT
 PIONEER ELECTRONICS (USA) INC.
 P.O. BOX 1720
 LONG BEACH, CALIFORNIA 90801
 1-800-421-1404
<http://www.pioneerelectronics.com>

AU CANADA
GRUPE DE SATISFACTION DE LA CLIENTÈLE
 PIONEER ÉLECTRONIQUE DU CANADA, INC.
 340 FERRIER STREET, UNIT 2
 MARKHAM, ON L3R 2Z5
 (905) 479-4411
 1-877-283-5901
<http://www.pioneerelectronics.ca>

RÈGLEMENT DES CONFLITS

AUX ÉTATS-UNIS - Si un conflit se produit entre vous et Pioneer après la réponse à une demande initiale faite au service de Soutien à la clientèle, vous pouvez avoir recours au Programme de résolution des plaintes de Pioneer pour résoudre le conflit. Ce programme vous est offert sans frais. Vous devez avoir recours au Programme de résolution des plaintes avant de vous prévaloir de vos droits ou de chercher réparation en vertu du Titre I de la loi Magnuson-Moss Warranty-Federal Trade Commission Improvement Act, 15 U.S.C. 2301 et s.s.

Pour avoir recours au Programme de résolution des plaintes, appelez au 1 800 421-1404 et expliquez au représentant du service à la clientèle qui vous répondra le problème auquel vous faites face et les démarches que vous avez entreprises pour faire réparer le produit pendant la période de garantie, puis donnez-lui le nom du distributeur / marchand autorisé auprès duquel vous vous êtes procuré le produit Pioneer. Une fois que votre plainte a été expliquée au représentant, un numéro de résolution vous sera communiqué. Pioneer étudiera le conflit et, dans un délai de quarante (40) jours après la réception de votre plainte, (1) répondra à votre plainte par écrit pour vous aviser des démarches qu'elle entreprendra pour résoudre le conflit, et indiquera combien de temps ces démarches prendront ; ou (2) répondra à votre plainte par écrit pour vous indiquer les raisons pour lesquelles elle n'entreprendra aucune démarche.

AU CANADA - Communiquez avec le directeur de la Satisfaction de la clientèle au (905) 946-7412 pour discuter de votre plainte et résoudre rapidement le problème.

ENREGISTREZ LE LIEU ET LA DATE D'ACHAT POUR RÉFÉRENCE ULTÉRIEURE

No. du modèle : _____ No. de série : _____
Date d'achat : _____ Acheté de : _____

PRENEZ SOIN DE GARDER CETTE INFORMATION ET VOTRE REÇU D'ACHAT DANS UN ENDROIT SÛR

< QRY3001-B/N >

Imprimé en Thaïlande



PIONEER ELECTRONICS (USA) INC.

PIONEER ELECTRONICS OF CANADA, INC.

LIMITED WARRANTY

WARRANTY VALID ONLY IN COUNTRY OF PRODUCT PURCHASE

WARRANTY

Pioneer Electronics (USA) Inc. (PUSA), and Pioneer Electronics Of Canada, Inc. (POC), warrant that products distributed by PUSA in the U.S.A., and by POC in Canada that fail to function properly under normal use due to a manufacturing defect when installed and operated according to the owner's manual enclosed with the unit will be repaired or replaced with a unit of comparable value, at the option of PUSA or POC, without charge to you for parts or actual repair work. Replacement units and/or parts supplied under this warranty may be new or rebuilt at the option of PUSA or POC.

THIS LIMITED WARRANTY APPLIES TO THE ORIGINAL OR ANY SUBSEQUENT OWNER OF THIS PIONEER PRODUCT DURING THE WARRANTY PERIOD PROVIDED THE PRODUCT WAS PURCHASED FROM AN AUTHORIZED PIONEER DISTRIBUTOR/DEALER IN THE U.S.A. OR CANADA. YOU WILL BE REQUIRED TO PROVIDE A SALES RECEIPT OR OTHER VALID PROOF OF PURCHASE SHOWING THE DATE OF ORIGINAL PURCHASE OR, IF RENTED, YOUR RENTAL CONTRACT SHOWING THE PLACE AND DATE OF FIRST RENTAL. IN THE EVENT SERVICE IS REQUIRED, THE PRODUCT MUST BE DELIVERED WITHIN THE WARRANTY PERIOD, TRANSPORTATION PREPAID, ONLY FROM WITHIN THE COUNTRY OF PURCHASE AS EXPLAINED IN THIS DOCUMENT. YOU WILL BE RESPONSIBLE FOR REMOVAL AND INSTALLATION OF THE PRODUCT. PUSA OR POC, AS APPROPRIATE, WILL PAY TO RETURN THE REPAIRED OR REPLACEMENT PRODUCT TO YOU WITHIN THE COUNTRY OF PURCHASE.

PRODUCT WARRANTY PERIOD

	<u>Parts</u>	<u>Labor</u>
Car Stereo Products	1 Year	1 Year

The warranty period for retail customers who rent the product commences upon the date product is first put into use (a) during the rental period or (b) retail sale, whichever occurs first.

WHAT IS NOT COVERED

IF THIS PRODUCT WAS PURCHASED FROM AN UNAUTHORIZED DISTRIBUTOR, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND THIS PRODUCT IS SOLD STRICTLY "AS IS" AND "WITH ALL FAULTS". PIONEER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL AND/OR INCIDENTAL DAMAGES.

PIONEER DOES NOT WARRANT ANY PRODUCT LISTED ABOVE WHEN IT IS USED IN A TRADE OR BUSINESS OR IN ANY INDUSTRIAL OR COMMERCIAL APPLICATION.

THIS WARRANTY DOES NOT APPLY IF THE PRODUCT HAS BEEN SUBJECTED TO POWER IN EXCESS OF ITS PUBLISHED POWER RATING.

THIS WARRANTY DOES NOT COVER DISPLAY SCREENS DAMAGED BY STATIC, NON-MOVING, IMAGES APPLIED FOR LENGTHY PERIODS (BURN-IN).

THIS WARRANTY DOES NOT COVER THE CABINET OR ANY APPEARANCE ITEM, USER ATTACHED ANTENNA, ANY DAMAGE TO RECORDS OR RECORDING TAPES OR DISCS, ANY DAMAGE TO THE PRODUCT RESULTING FROM ALTERATIONS, MODIFICATIONS NOT AUTHORIZED IN WRITING BY PIONEER, ACCIDENT, MISUSE OR ABUSE, DAMAGE DUE TO LIGHTNING OR TO POWER SURGES, SUBSEQUENT DAMAGE FROM LEAKING, DAMAGE FROM INOPERATIVE BATTERIES, OR THE USE OF BATTERIES NOT CONFORMING TO THOSE SPECIFIED IN THE OWNER'S MANUAL.

THIS WARRANTY DOES NOT COVER THE COST OF PARTS OR LABOR WHICH WOULD BE OTHERWISE PROVIDED WITHOUT CHARGE UNDER THIS WARRANTY OBTAINED FROM ANY SOURCE OTHER THAN A PIONEER AUTHORIZED SERVICE COMPANY OR OTHER DESIGNATED LOCATION. THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGE CAUSED BY THE USE OF UNAUTHORIZED PARTS OR LABOR OR FROM IMPROPER MAINTENANCE.

ALTERED, DEFACED, OR REMOVED SERIAL NUMBERS VOID THIS ENTIRE WARRANTY

NO OTHER WARRANTIES

IN THE U.S.A. - PIONEER LIMITS ITS OBLIGATIONS UNDER ANY IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO A PERIOD NOT TO EXCEED THE WARRANTY PERIOD. NO WARRANTIES SHALL APPLY AFTER THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND SOME STATES DO NOT ALLOW THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

IN CANADA - EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO REPRESENTATIONS, WARRANTIES, OBLIGATIONS OR CONDITIONS, IMPLIED, STATUTORY OR OTHERWISE, APPLICABLE TO THIS PRODUCT.

TO OBTAIN SERVICE

In the U.S.A. or Canada to receive warranty service you need to present your sales receipt or your rental contract showing place and date of original owner's transaction.

USA - Please contact one of the following Pioneer partners to obtain service:

Your Authorized Pioneer Dealer - Your Pioneer Dealer may repair or replace your unit, or refer you to an Authorized Pioneer Service Company. Your sales receipt should list the contact information (phone number, fax, email, etc.) for your Dealer.

Your Authorized Pioneer Service Company - Can perform repairs for most Car Electronics products and can advise other options as applicable. Please access the Pioneer website at www.pioneerelectronics.com and click on "Support" and select "Find a Service Center" to find the nearest Pioneer servicer.

Pioneer Customer Support - Can advise the optimal service option for your model and geographic location. Please reference the information listed below and phone, email or access the Pioneer website to contact Pioneer.

CANADA - POC has a number of Authorized Service Companies should your product require service. Contact Pioneer of Canada as listed below to obtain a local service location.

Shipping Your Unit for Service - Please package it carefully and send it, transportation prepaid by a traceable, insured method, to an Authorized Service Company or Pioneer. Use adequate padding material to prevent damage in transit. Include your name, address and telephone number where you can be reached during business hours.

On all complaints and concerns in the U.S.A. call Customer Support at 1-800-421-1404, or, in Canada, call Customer Satisfaction at (905) 479-4411.

IN THE U.S.A.

For hook-up and operation of your unit or to locate an Authorized Service Company, please call or write:

CUSTOMER SUPPORT / PIONEER ELECTRONICS (USA) INC.

P.O. BOX 1720

LONG BEACH, CALIFORNIA 90801

1-800-421-1404

<http://www.pioneerelectronics.com>

IN CANADA

For additional information on this warranty, please call or write:

CUSTOMER SATISFACTION GROUP
PIONEER ELECTRONICS OF CANADA, INC.

340 FERRIER STREET, UNIT 2

MARKHAM, ON L3R 2Z5

(905) 479-4411 1-877-283-5901

<http://www.pioneerelectronics.ca>

DISPUTE RESOLUTION

IN THE U.S.A. - Following our response to any initial request to Customer Support, should a dispute arise between you and Pioneer, Pioneer makes available its Complaint Resolution Program to resolve the dispute. The Complaint Resolution Program is available to you without charge. You are required to use the Complaint Resolution Program before you exercise any rights under, or seek any remedies, created by Title I of the Magnuson-Moss Warranty-Federal Trade Commission Improvement Act, 15 U.S.C. 2301 et seq.

To use the Complaint Resolution Program call 1-800-421-1404 and explain to the customer service representative the problem you are experiencing, steps you have taken to have the product repaired during the warranty period and the name of the authorized Distributor/Dealer from whom the Pioneer product was purchased. After the complaint has been explained to the representative, a resolution number will be issued. Within 40 days of receiving your complaint, Pioneer will investigate the dispute and will either: (1) respond to your complaint in writing informing you what action Pioneer will take, and in what time period, to resolve the dispute; or (2) respond to your complaint in writing informing you why it will not take any action.

IN CANADA - Call the Customer Satisfaction Manager at (905) 946-7412 to discuss your complaint and to obtain a prompt resolution.

RECORD THE PLACE AND DATE OF PURCHASE FOR FUTURE REFERENCE

Model No. _____ Serial No. _____ Purchase Date _____

Purchased From _____

KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

< QRY3001-B/N >