CD RDS RECEIVER
AUTORADIO CD RDS
REPRODUCTOR DE CD CON RECEPTOR RDS

Pioneer

DEH-X6500BT
DEH-X65BT
DEH-4500BT

Owner's Manual
Mode d'emploi
Manual de instrucciones

Made for
iPod iPhone

Bluetooth®

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 **WARN-ING**s and **CAUTION**s in this manual. *Please keep the manual in a safe and accessible place for future reference.*

FCC ID: AJDK054
MODEL NO.: DEH-X6500BT/DEH-X65BT/DEH-4500BT
IC: 775E-K054
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 inter-ference that may cause undesired operation of this device.
This transmitter must not be co-located or op-erated in conjunction with any other antenna or transmitter.
The antenna for Bluetooth cannot be removed (or replaced) by user.
This equipment complies with FCC/IC radia-tion exposure limits set forth for an uncon-trolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Sup-plement 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 op-erated keeping the radiator at least 20 cm or more away from person's body (excluding ex-tremities: hands, wrists, feet and ankles).

Information to User

Alteration or modifications carried out with-out 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 reason-able protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio fre-quency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio commu-nications. However, there is no guarantee that interference will not occur in a particu-lar installation. If this equipment does cause harmful interference to radio or television re-ception, which can be determined by turning the equipment off and on, the user is encour-aged 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 equip-ment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the re-ceiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The Safety of Your Ears is in Your Hands

Get the most out of your equipment by playing it at a safe level—a level that lets the sound come through clearly without annoying blaring or dis-tortion 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 "nor-mal" 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**
Handling the cord on this product or cords asso-ciated with accessories sold with the product may expose you to chemicals listed on proposi-tion 65 known to the State of California and other governmental entities to cause cancer and birth defect or other reproductive harm. *Wash hands after handling.*

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

⚠ **CAUTION**
• Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, damage to this unit, smoke, and over-heating could result from contact with liquids.
• Always keep the volume low enough to hear outside sounds.
• Avoid exposure to moisture.
• If the battery is disconnected or discharged, any preset memory will be erased.

⊙ **Important (Serial number)**
The serial number is located on the bottom of this unit. For your own security and conven-ience, be sure to record this number on the en-closed warranty card.

Before you start

Note

Function setting operations are completed even if the menu is canceled before the operations are confirmed.

About this manual

- In the following instructions, USB memories and USB audio players are collectively referred to as "USB storage device".
- In this manual, iPod and iPhone will be referred to as "iPod".

After-sales service for Pioneer products

Please contact the dealer or distributor from where you purchased this unit for after-sales service (including warranty conditions) or any other information. In case the necessary information is not available, please contact the companies listed below:

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

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.

In case of trouble

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

Visit our website

http://www.pioneerelectronics.com
in Canada
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.
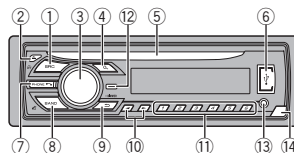- Access owner's manuals, spare parts information, service information, and much more.

Operating this unit

Head unit

DEH-X6500BT and DEH-X65BT
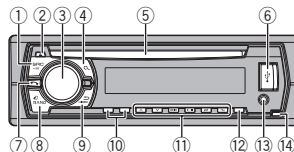
DEH-4500BT

Part		Part	
①	**SRC/OFF**	⑧	**BAND/⏏** (iPod control)
②	⏏ (eject)	⑨	⤺ (back)/ **DIMMER** (dimmer)
③	**MULTI-CONTROL** (**M.C.**)	⑩	◄/►
④	⌕ (list)	⑪	1/∧ to 6/⟳
⑤	Disc loading slot	⑫	**DISP**
⑥	USB port	⑬	AUX input jack (3.5 mm stereo jack)
⑦	☎ (phone)	⑭	Detach button

⚠ CAUTION

- Use an optional Pioneer USB cable (CD-U50E) to connect the USB storage device as any device connected directly to the unit will protrude out from the unit, which could be dangerous.
- Do not use unauthorized products.

Remote control

Remote controller buttons marked with the same numbers as on the unit operate in the same way as the corresponding unit button regardless of button name.
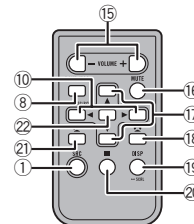

|	Part	Operation
⑮	**VOLUME**	Press to increase or decrease volume.
⑯	**MUTE**	Press to mute. Press again to unmute.
⑰	▲/▼	Press to recall preset stations. Press to select the next/previous folder.
⑱	☎	Press to end a call, reject an incoming call, or reject a call waiting while on another call.

Part		Operation
⑲	DISP/SCRL	Press to select different displays. Press and hold to turn dimmer on or off.
⑳	❚❚	Press to pause or resume playback.
㉑	☎	Press to start talking on the phone while operating a phone.
㉒	LIST/ ENTER	Press to display the disc title, track title, folder, or file list depending on the source. Press to display the list depending on the source. While in the operating menu, press to control functions.

Display indication

DEH-X6500BT and DEH-X65BT
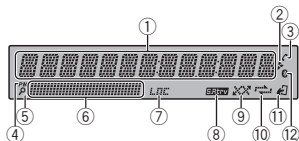
DEH-4500BT
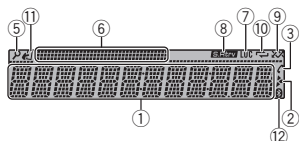
	Indicator	State
①	Main information section	• Tuner: band and frequency • CD player, USB storage device and iPod: elapsed playback time and text information
②	⤳	Appears when a lower tier of folder or menu exists.
③	☎ (auto answer)	Shows when the automatic answering function is on.
④	PM	Shows when 12H is selected under 12H/24H and CLOCK is selected under INFO DISPLAY.
⑤	🔎 (list)	The list function is being operated.
⑥	Sub information section	Sub information is displayed.
⑦	LOC	Local seek tuning is on.
⑧	S.Rtrv (sound retriever)	The sound retriever function is on.
⑨	⤫ (random/shuffle/Quick-Mix)	Random play is on. The iPod source is selected and the shuffle or shuffle all function is on. The pandora source is selected and the QuickMix is selected.
⑩	⇄ (repeat)	Track or folder repeat is on.
⑪	♪ (iPod control)	This unit's iPod function is operated from your iPod.
⑫	✦ (Bluetooth indicator)	Connected to a Bluetooth device. The line is on hold.

Set up menu

When you turn the ignition switch to ON after installation, set up menu appears on the display. You can set up the menu options below.

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 operate 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. Press to select.
If you select NO, you cannot set up in the set up menu.

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. Press to select.

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.

Basic operations

Important
• Handle gently when removing or attaching the front panel.
• Avoid subjecting the front panel to excessive shock.
• Keep the front panel out of direct sunlight and high temperatures.
• 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 to protect your unit from theft
1 Press the detach button to release the front panel.
2 Push the front panel upward (I) and then pull it toward (II) you.
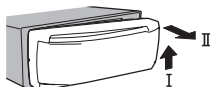
3 Always keep the detached front panel in a protection device such as a protection case.

Re-attaching the front panel
1 Slide the front panel to the left.
Make sure to insert the tabs on the left side of the head unit into the slots on the front panel.
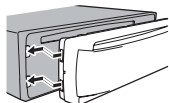
2 Press the right side of the front panel until it is firmly seated.
If you cannot attach the front panel to the head unit successfully, make sure that you are placing the front panel onto the head unit correctly. Forcing the front panel into place may result in damage to the front panel or head unit.

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:
TUNER (tuner)—**CD** (CD player)—**USB** (USB)/**iPod** (iPod)—**PANDORA** (Pandora)—**AUX** (AUX)—**BT AUDIO** (Bluetooth audio)

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

⚠ CAUTION
For safety reasons, park your vehicle when removing the front panel.

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.
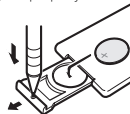
Use and care of the remote control

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.

⚠ 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
- Use one **CR2025 (3 V)** lithium battery.
- 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**/⏏.

Tuner

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 Press ◄ or ►.
- Select **PCH** (preset channel) under **SEEK** to use this function. For details about the settings, refer to **SEEK** (left/right key setting) on the next page.

Manual tuning (step by step)
1 Press ◄ or ►.
- Select **MAN** (manual tuning) under **SEEK** to use this function. For details about the settings, refer to **SEEK** (left/right key setting) on the next page.

Seeking
1 Press and hold ◄ or ►, and then release.
You can cancel seek tuning by briefly pressing ◄ or ►.
While pressing and holding ◄ or ►, you can skip stations. Seek tuning starts as soon as you release ◄ or ►.

Storing and recalling stations for each band

Using preset tuning buttons

1   When you find a station that you want to store in memory, press one of the preset tuning buttons (1/∧ to 6/↷) and hold until the preset number stops flashing.

2   Press one of the preset tuning buttons (1/∧ to 6/↷) to select the desired station.

Switching the display

Selecting the desired text information
1 Press **DISP** to cycle between the following:
*   **BRDCST INFO** (program service name/ song title/artist name)
*   **FREQUENCY** (frequency)
*   **CLOCK** (source name and clock)

Notes
*   **BRDCST INFO** text information will change automatically.
*   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 lets you 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 (left/right key setting)

You can assign a function to the left and right keys of 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**.

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

Basic operations

Playing a CD/CD-R/CD-RW
1 Insert the disc into the disc loading slot with the label side up.

Ejecting a CD/CD-R/CD-RW
1 Press ⏏.

Playing songs on a USB storage device
1 Open the USB port cover.
2 Plug in the USB storage device using a USB cable.
Playback is performed automatically.

Stopping playback of files on a USB storage device
1 You may disconnect the USB storage device at any time.
The unit stops playback.

Selecting a folder
1 Press **1/∧** or **2/∨**.

Selecting a track
1 Press ◀ or ▶.

Fast forwarding or reversing
1 Press and hold ◀ or ▶.
*   When playing compressed audio, there is no sound during fast forward or reverse.

Returning to root folder
1 Press and hold **BAND**/⏏.

Switching between compressed audio and CD-DA
1 Press **BAND**/⏏.

Switching between playback memory devices
You can switch between playback memory devices on USB storage devices with more than one Mass Storage Device-compatible memory device.
1 Press **BAND**/⏏.
*   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
Only for DEH-X6500BT and DEH-X65BT
You can use this function when **USB** is selected as the source.
1 Press **3/MIX** to turn MIXTRAX on or off.
*   For more details about MIXTRAX, refer to *About MIXTRAX* on page 15.
*   For more details about MIXTRAX functions, refer to *MIXTRAX menu* on page 15.
*   When MIXTRAX is in use, the sound retriever function is disabled.

Switching the display

Selecting the desired text information
1 Press **DISP** to cycle between the following:
CD-DA
*   **ELAPSED TIME** (track number and play-back time)
*   **CLOCK** (source name and clock)
*   **SPEANA** (spectrum analyzer)
CD-TEXT
*   **TRACK INFO** (track title/track artist/disc title)
*   **ELAPSED TIME** (track number and play-back time)
*   **CLOCK** (source name and clock)
*   **SPEANA** (spectrum analyzer)
MP3/WMA/WAV
*   **TRACK INFO** (track title/artist name/album title)
*   **FILE INFO** (file name/folder name)
*   **ELAPSED TIME** (track number and play-back time)
*   **CLOCK** (source name and clock)
*   **SPEANA** (spectrum analyzer)

Notes

- **TRACK INFO** and **FILE INFO** text information will change automatically.
- Depending on the version of iTunes used to write MP3 files to a disc or media file types, incompatible text stored within an audio file may be displayed incorrectly.
- Text information items that can be changed depend on the media.

Selecting and playing files/tracks from the name list

1   Press ○ 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
1 Turn **M.C.**

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

Viewing a list of the files (or folders) in the selected folder
1 When a folder is selected, press **M.C.**

Playing a song in the selected folder
1 When a folder is selected, press and hold **M.C.**

Operations using special buttons

Selecting a repeat play range
1 Press **6**/⇄ to cycle between the following: **CD/CD-R/CD-RW** • **ALL** – Repeat all tracks • **ONE** – Repeat the current track • **FLD** – Repeat the current folder **USB storage device** • **ALL** – Repeat all files • **ONE** – Repeat the current file • **FLD** – Repeat the current folder

Playing tracks in random order
1 Press **5**/✕✕ to turn random play on or off. Tracks in a selected repeat range are played in random order. • To change songs during random play, press ▶ to switch to the next track. Pressing ◀ restarts playback of the current track from the beginning of the song.

Pausing playback
1 Press **4**/**PAUSE** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever) *Only for DEH-4500BT*
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. • 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.

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

iPod

Basic operations

Playing songs on an iPod
1 Open the USB port cover. 2 Connect an iPod to the USB cable using an iPod Dock Connector. Playback is performed automatically.

Selecting a song (chapter)
1 Press ◀ or ▶.

Selecting an album
1 Press **1**/∧ or **2**/∨.

Fast forwarding or reversing
1 Press and hold ◀ or ▶.

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 switch is set to OFF.

Operations using the MIXTRAX button

Turning MIXTRAX on or off *Only for DEH-X6500BT and DEH-X65BT*
1 Press **3**/**MIX** to turn MIXTRAX on or off. • For more details about MIXTRAX, refer to *About MIXTRAX* on page 15. • For more details about MIXTRAX functions, refer to *MIXTRAX menu* on page 15.

Switching the display

Selecting the desired text information
1 Press **DISP** to cycle between the following: **CONTROL AUDIO/CONTROL iPod** • **TRACK INFO** (track title/artist name/album title) • **ELAPSED TIME** (track number and playback time) • **CLOCK** (source name and clock) • **SPEANA** (spectrum analyzer) **CONTROL APP** • **CONTROL APP** (**APP MODE** is displayed) • **CLOCK** (source name and clock) • **SPEANA** (spectrum analyzer)

Note

TRACK INFO text information will change automatically.

Browsing for a song

1   Press ○ 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
① Turn **M.C.**
    Playlists—artists—albums—songs—podcasts
    —genres—composers—audiobooks

Playing ① When a song is selected, press **M.C.**
Viewing a list of songs in the selected category ① When a category is selected, press **M.C.**
Playing a song in the selected category ① When a category is selected, press and hold   **M.C.**

Searching the list by alphabet
① When a list for the selected category is dis-
    played, press 🔍 to switch to alphabet search
    mode.
    • You also can switch to alphabet search
      mode by turning **M.C.** twice.
② Turn **M.C.** to select a letter.
③ Press **M.C.** to display the alphabetical list.
    • To cancel searching, press ⮐/**DIMMER**.

Notes

• You can play playlists created with the PC ap-
plication (MusicSphere). The application will
be available on our website.
• Playlists that you created with the PC appli-
cation (MusicSphere) are displayed in abbre-
viated form.

Operations using special buttons

Selecting a repeat play range
① 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/**CONTROL APP**, the repeat play range will
    be same as what is set for the connected iPod.

Selecting a random play range (shuffle)
① 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 se-
      lected album in order.
    • **OFF** – Not play back in random order.

Playing all songs in random order (shuffle all)
① 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 this page.

Pausing playback ① Press **4**/**PAUSE** to pause or resume.

Enhancing compressed audio and restoring rich
sound (sound retriever)
Only for DEH-4500BT
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.

Playing songs related to the currently playing song

You can play songs from the following lists.
• Album list of the currently playing artist
• Song list of the currently playing album
• Album list of the currently playing genre

1   Press and hold 🔍 to switch to link play mode.

2   Turn M.C. to change the mode; press to select.
    • **ARTIST** – Plays an album of the artist cur-
      rently being played.
    • **ALBUM** – Plays a song from the album cur-
      rently being played.
    • **GENRE** – Plays an album from the genre cur-
      rently being played.
The selected song/album will be played after the
currently playing song.

Notes

• The selected song/album may be canceled if
you operate 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 be-
ginning of the selected song/album may be
cut off.

Operating this unit's iPod function from your iPod

This unit's iPod function can be operated from a
connected iPod.
If you switch to APP Mode, you can have the
sound from your iPod applications be output
from your car's speakers.
CONTROL iPod is not compatible with the fol-
lowing iPod models.
• iPod nano 1st generation
• iPod with video
CONTROL APP is compatible with the following
iPod models.
• iPod touch 4th generation
• iPod touch 3rd generation
• iPod touch 2nd generation
• iPod touch 1st generation
• iPhone 4S
• iPhone 4
• iPhone 3GS
• iPhone 3G
• iPhone

● **Press BAND/⮐ to switch the control mode.**
    • **CONTROL iPod** – This unit's iPod function
      can be operated from the connected iPod.
    • **CONTROL APP** – This unit's iPod function
      can be operated from the connected iPod.
      The unit will play back the sound from your
      iPod applications.
    • **CONTROL AUDIO** – This unit's iPod function
      can be operated from this unit.

Notes

• Switching the control mode to
CONTROL iPod/**CONTROL APP** pauses song
playback. Operate the iPod to resume play-
back.
• The following operations are still accessible
from the unit even if the control mode is set
to **CONTROL iPod**/**CONTROL APP**.
— 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/**CONTROL APP** is selected in
      the control mode. For details, refer to *Operat-
      ing this unit's iPod function from your iPod* on
      this page.

AUDIO BOOK (audiobook speed)

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

S.RTRV (sound retriever)

Automatically enhances compressed audio and restores rich sound.

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

Using Pandora®

IMPORTANT:

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

- iPhone compatibility
  Apple iPhone (first generation), iPhone 3G, iPhone 3GS, iPhone 4, iPhone 4S, iPod touch 1G, iPod touch 2G, iPod touch 3G or iPod touch 4G (firmware version 3.0 or later).
  Certain firmware versions for the iPhone may not be compatible with the Pandora application. If this appears to be the case, please update the firmware to a version that is compatible with Pandora.
- Latest version of the Pandora application, downloaded to your device (Search Apple iTunes App Store for "Pandora").
- Current Pandora account (Free account and paid accounts available from Pandora; create a free account online at http://www.pandora.com/register or through the Pandora application for the iPhone).

- Data Plan
  Note: 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.
- Connection to the Internet via 3G, EDGE or Wi-Fi network.
- Optional Pioneer adapter cable connecting your iPhone to the Pioneer car audio/video products.

Limitations:

- Access to the Pandora service will depend on the availability of a cellular and/or Wi-Fi network for purposes of allowing your device to connect to the Internet.
- Ability of the Pioneer car audio/video products to access the Pandora service is subject to change without notice and could be affected by any of the following: compatibility issues with future firmware versions of iPhone; compatibility issues with future firmware versions of the Pandora application for the iPhone; changes to the Pandora music service by Pandora; discontinuation of the Pandora music service by Pandora.
- Certain functions of the Pandora service are not available when accessing the service through the Pioneer car audio/video products, including, but not limited to, creating new stations, deleting stations, emailing current stations, buying tracks from iTunes, viewing additional text information, logging in to Pandora, and 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.

You can play Pandora by connecting your iPhone with the Pandora application installed.

Basic operations

Playing tracks
1. Connect an iPhone to the USB cable using an iPhone Dock Connector.
2. Start up the Pandora application installed on the iPhone.

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

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

Skipping tracks
1. Press ▶.

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)

Notes
- **TRACK INFO** text information will change automatically.
- Depending on the station, text information can be changed.

Selecting and playing the QuickMix/station list

The device name that appears on the screen may not be the same as the device name of the connected device.

1. **Press ⚲ (list) to switch to the QuickMix/station list mode.**

2. **Use M.C. to select the QuickMix or desired station.**

Changing the sort order
1. Press ⚲ (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 QuickMix or stations
1. Turn **M.C.**

Playing
1. When QuickMix or the station is selected, press **M.C.**

Operations using special buttons

Pausing playback
1. Press **4/PAUSE** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever)
Only for DEH-4500BT
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.

BOOKMARK (bookmark)

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

S.RTRV (sound retriever)

Automatically enhances compressed audio and restores rich sound.

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

Using Bluetooth wireless technology

Using Bluetooth telephone

Important

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

Setting up for hands-free phoning

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

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

Basic operations

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

Answering an incoming call
1️⃣ When a call is received, press 📞 .

Ending a call
1️⃣ Press 📞 .

Rejecting an incoming call
1️⃣ When a call is received, press and hold 📞 .

Answering a call waiting
1️⃣ When a call is received, press 📞 .

Switching between callers on hold
1️⃣ Press **M.C.**

Canceling call waiting
1️⃣ Press and hold 📞 .

Adjusting the other party's listening volume
1️⃣ Press ◀ or ▶ while talking on the phone.
- When private mode is on, this function is not available.

Turning private mode on or off
1️⃣ Press **BAND/↵** while talking on the phone.

Notes

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

- The estimated call time appears in the display (this may differ slightly from the actual call time).

Storing and recalling phone numbers

1 If you find a phone number that you want to store to memory, press and hold down one of the preset tuning buttons (1/∧ to 6/⇆) to store it to the relevant preset tuning button.

The functions below can be used to store phone numbers to the memory. For details, refer to *Phone menu operation* on the next page.

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

2 Press one of the preset tuning buttons (1/∧ to 6/⇆) to recall the desired phone number.

3 Press M.C. to make a call.

Switching the display

Selecting the desired text information
You can change the display during a call.
1️⃣ 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 iPod equipped with voice recognition that is connected by Bluetooth with the source set to **iPod** or **BT AUDIO**.

● **Press and hold M.C. to switch to voice recognition mode.**

The commands available with this unit are listed below.

- Song playback
- Making a phone call

Note

For details on voice recognition features, check the manual for the iPod you are using.

Connection menu operation

Important

- Be sure to park your vehicle in a safe place and apply the parking brake when performing this operation.
- Connected devices may not operate 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 operate 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)

- When no device is selected in the device list, this function is not available.
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 switch the Bluetooth device address and device name.
3 Press **M.C.** to connect/disconnect the selected device.
   If the connection is established, ✱ is indicated on the device name.

DEL DEVICE (deleting a device from the device list)

- When no device is selected in the device list, this function is not available.
1 Press **M.C.** to display the setting mode.
2 Turn **M.C.** to select the name of a device you want to delete.
   - Press and hold **M.C.** to switch the Bluetooth device address and device name.
3 Press **M.C.** to display **DELETE YES**.
4 Press **M.C.** to delete a device information from the device list.
- 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 switch the Bluetooth device address and 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.
   - 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)

To check the availability of this unit from other devices, Bluetooth visibility of this unit can be turned on.
1 Press **M.C.** to turn the visibility of this unit on or off.

PIN CODE (PIN code input)

To connect your device to this unit via Bluetooth wireless technology, you need to enter a PIN code on your device to verify the connection. The default code is **0000**, but you can change it with this function.
1 Press **M.C.** to display the setting mode.
2 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

Phone menu operation

Important
Be sure to park your vehicle in a safe place and apply the parking brake when performing this 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 phone book in your cellular phone will be transferred automatically when the phone is connected to this unit.
- Depending on the cellular phone, the phone book may not be transferred automatically. In this case, operate your cellular phone to transfer the phone book. The visibility of this unit should be on. Refer to **VISIBLE** (*setting the visibility of this unit*) on this page.
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.

PRESET1-6 (preset phone numbers)

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/∧** to **6/⇄** to recall a preset phone number.
   For more details about storing phone numbers, refer to *Storing and recalling phone numbers* on the previous page.

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 this page.

Function and operation

1 **Display PHONE FUNC.**
Refer to **PHONE FUNC** (*phone function*) on this page.

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

3 Turn M.C. to select the function.
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.
  You cannot use the A2DP connection when **iPod** or **PANDORA** is selected as a source.
 — AVRCP profile (Audio/Video Remote Control Profile): You can perform playback, pause playback, select songs, etc.
• Since there are a number of Bluetooth audio players available on the market, available operations will vary extensively. When operating your player with this unit, refer to the instruction manual that came with your Bluetooth audio player as well as this manual.
• As the signal from your cellular phone may cause noise, avoid using it when you are listening to songs on your Bluetooth audio player.

• When a call is in progress on the cellular phone connected to this unit via Bluetooth wireless technology, the sound of the Bluetooth audio player connected to this unit is muted.
• 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. This entails establishing a Bluetooth wireless connection between this unit and your Bluetooth audio player, and pairing your Bluetooth audio player with this unit.

[1] Connection
  Operate the Bluetooth telephone connection menu. Refer to *Connection menu operation* on page 10.

Basic operations

Fast forwarding or reversing
[1] Press and hold ◀ or ▶.

Selecting a track
[1] Press ◀ or ▶.

Starting playback
[1] Press **BAND/⏏**.

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)

Notes
• **TRACK INFO** text information will change automatically.
• Depending on the device, text information can be changed.

Operations using special buttons

Selecting a repeat play range
[1] Press **6/↺** 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/✕✕** 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/PAUSE** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever)
Only for DEH-4500BT
[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.

S.RTRV (sound retriever)

Automatically enhances compressed audio and restores rich sound.
[1] Press **M.C.** to select the desired setting.
  For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on this page.

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 **SUB.W/SUB.W** is selected in **SP-P/O MODE**. For details, refer to **SP-P/O MODE** (*rear output and preout setting*) on page 16.

- **SUB.W**, **SUB.W CTRL** and **HPF SETTING** are not available when **REAR/REAR** is selected in **SP-P/O MODE**. For details, refer to **SP-P/O MODE** (rear output and preout setting) on page 16.
- **SUB.W CTRL** and **HPF SETTING** are not available when **SUB.W** is selected in **OFF**. For details, refer to **SUB.W** (subwoofer on/off setting) on this page.

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, **USB**, **iPod** and **PANDORA** are all set to the same setting automatically.
- **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)

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: **–6**— **–12**

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)

When you do not want low sounds from the subwoofer output frequency range to play from the front or rear speakers, turn on the HPF (high pass filter). Only frequencies higher than those in the selected range are output from the front or rear speakers.
1 Press **M.C.** to display the setting mode.
2 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: **–6**— **–12**

SLA (source level adjustment)

SLA (Source level adjustment) lets you adjust the volume level of each source to prevent radical changes in volume when switching between sources.
- Settings are based on the FM volume level, which remains unchanged.
- The AM volume level can also be adjusted with this function.
- When selecting FM as the source, you cannot switch to **SLA**.
- **USB**, **iPod** and **PANDORA** are all set to the same setting automatically.
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.
- **INFO DISPLAY** is not available for DEH-4500BT.

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)

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 **TUNER**.

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.

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 personal information, we recommend that you clear this data before transferring this unit to other persons. The following types of data on this unit will be cleared in such cases.
• 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.

Selecting the key color

Only for DEH-X6500BT and DEH-X65BT
You can select desired colors for the keys of this unit.

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 and press to select.

4   Turn M.C. to select the illumination color.
You can select any one of the options in the following list:
• Preset colors (ranging from **WHITE** to **ROSE**)
• **SCAN** (cycle through all colors)
• Sets of colors (**WARM**, **AMBIENT**, **CALM**)
• **CUSTOM** (customized illumination color)

Notes
• When **SCAN** is selected, the system automatically cycles through the preset colors.
• When **WARM** is selected, the system automatically cycles through the warm colors.
• When **AMBIENT** is selected, the system automatically cycles through the ambient colors.
• When **CALM** is selected, the system automatically cycles through the calm colors.
• When **CUSTOM** is selected, the customized color saved is selected.

Selecting the display color

Only for DEH-X6500BT and DEH-X65BT
You can select the desired colors for the display of this unit.

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 DISP COLOR and press to select.

4   Turn M.C. to select the illumination color.
You can select any one of the options in the following list:
• Preset colors (ranging from **WHITE** to **ROSE**)
• **SCAN** (cycle through all colors)
• Sets of colors (**WARM**, **AMBIENT**, **CALM**)
• **CUSTOM** (customized illumination color)

Note
For details about colors on the list, refer to *Selecting the key color* on this page.

Selecting key and display color

Only for DEH-X6500BT and DEH-X65BT
You can select the desired colors for the keys and display of this unit.

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 BOTH COLOR and press to select.

4   Turn M.C. to select the illumination color.
You can select any one of the options in the following list:
• Preset colors (ranging from **WHITE** to **ROSE**)
• **SCAN** (cycle through all colors)

Notes
• Once you select a color in this function, colors on the keys and display of this unit automatically switch to the color you selected.
• For details about colors on the list, refer to *Selecting the key color* on this page.

Selecting the key colors displayed when a call is received

Only for DEH-X6500BT and DEH-X65BT
You can select the desired key colors to display when an incoming call is received.

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 PHONE COLOR and press to select.

4 Turn M.C. to select the illumination color.
You can select any one of the options in the following list:
- **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.

Switching the dimmer setting

You can adjust the brightness of illumination.

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 DIMMER and press to select the desired setting.
OFF (off)—**ON** (on)
- You can also change the dimmer setting by pressing and holding ⤸/**DIMMER**.

Customizing the illumination color

Only for DEH-X6500BT and DEH-X65BT
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.

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**, **WARM**, **AMBIENT** or **CALM** is selected.

About MIXTRAX

Only for DEH-X6500BT and DEH-X65BT
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 and lighting effects.

Notes
- Depending on the file/song, sound effects may not be added.
- MIXTRAX includes a MIXTRAX flashing color mode that when switched on turns the flashing colors on and off in time with the audio track. If you find the feature distracting while driving, please turn MIXTRAX off. Refer to *Operations using the MIXTRAX button* on page 6.

MIXTRAX menu

Only for DEH-X6500BT and DEH-X65BT

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

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

3 Turn M.C. to select the MIXTRAX function.
Once selected, the following MIXTRAX functions can be adjusted. The function is enabled when MIXTRAX is on.

SHT PLAYBACK (short playback mode)

You can select the length of the playback time.
1 Press **M.C.** to display the setting mode.
2 Turn **M.C.** to select the desired setting.
1.0 MIN (1.0 minute)—**1.5 MIN** (1.5 minutes)—**2.0 MIN** (2.0 minutes)—**2.5 MIN** (2.5 minutes)—**3.0 MIN** (3.0 minutes)—**OFF** (off)
- Turn this option **OFF** if you want to play a selection all the way through from start to finish.

FLASH AREA (flash area)

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

FLASH PATTERN (flash pattern)

You can select flashing color patterns.
1 Press **M.C.** to display the setting mode.
2 Turn **M.C.** to select the desired setting.
You can select any one of the options in the following list:
- **SOUND LEVEL 1** to **SOUND LEVEL 6** – Flashing colors will flash on and off in synchronization with the sound level in a song. Select the desired mode.
- **LOW PASS 1** to **LOW PASS 6** – Flashing colors will flash on and off in synchronization with the bass level in a song. Select the desired mode.
- **RANDOM 1** – The pattern for the flashing colors is randomly selected from the sound level mode and low pass mode.
- **RANDOM 2** – The pattern for the flashing colors is randomly selected from the sound level mode.
- **RANDOM 3** – The pattern for the flashing colors is randomly selected from the low pass mode.

DISPLAY FX (display effect)

The MIXTRAX special effects display can be turned on or off.
1 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.
1 Press **M.C.** to select the desired setting.
ON (on)—**OFF** (off)

Initial menu

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

2   Press and hold M.C. until the main menu appears in the display.

3   Turn M.C. to change the menu option and press to select INITIAL.

4   Turn M.C. to select the initial menu function.
Once selected, the following initial menu functions can be adjusted.

SP-P/O MODE (rear output and preout 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.
1️⃣ Press **M.C.** to display the setting mode.
2️⃣ Turn **M.C.** to select the desired setting.
    You can select any one of the options in the following list:
    • **REAR/SUB.W** – Select when there is a full-range speaker connected to the rear speaker leads output and there is a subwoofer connected to the RCA output.
    • **SUB.W/SUB.W** – Select when there is a subwoofer connected directly to the rear speaker leads output without any auxiliary amp and there is a subwoofer connected to the RCA output.
    • **REAR/REAR** – Select when there is a full-range speaker connected to the rear speaker leads output and the RCA output.
    If there is a full-range speaker connected to the rear speaker leads output and the RCA output is not used, you may select either **REAR/SUB.W** or **REAR/REAR**.

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.
1️⃣ Press **M.C.** to display the data transfer mode. Follow the on-screen instructions to finish updating the Bluetooth software.

System menu

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

2   Press and hold M.C. until the main menu appears in the display.

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

4   Turn M.C. to select the system menu function.
Once selected, the following system menu functions can be adjusted.
For details, refer to *System menu* on page 13.

Using an AUX source

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

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

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

Switching the display

Selecting the desired text information
1️⃣ 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.

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.

Ground wire   POWER AMP

*1

Other devices   Metal parts of car's body
(Another electronic
device in the car)

*1 Non supplied for this unit

⊟ Important

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

ACC position   No ACC position

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

This unit

① Power cord input
② Microphone input
③ Microphone
   4 m (13 ft. 1 in.)
④ Rear output or subwoofer output
⑤ Front output
⑥ Antenna input
⑦ Fuse (10 A)
⑧ Wired remote input
   Hard-wired remote control adapter can be connected (sold separately).

Power cord

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

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

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
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 (4 Ω)

⑲ When using a subwoofer of 70 W (2 Ω), 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 (4 Ω) × 2

Notes

- With a 2 speaker system, do not connect anything to the speaker leads that are not connected to speakers.
- Change the initial menu of this unit. Refer to **SP-P/O MODE** *(rear output and preout setting)* on page 16. The subwoofer output of this unit is monaural.

Power amp (sold separately)

Perform these connections when using the optional amplifier.
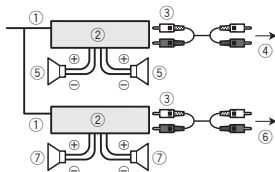
① System remote control
Connect to Blue/white cable.
② Power amp (sold separately)
③ Connect with RCA cables (sold separately)
④ To Front output
⑤ Front speaker
⑥ To Rear output or subwoofer output
⑦ Rear speaker or subwoofer

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.
- 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°.

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.

Leave ample space 5 cm

5 cm
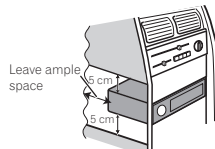
DIN front/rear mount

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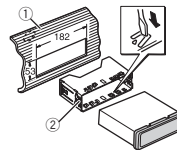
Use commercially available parts when installing.

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.

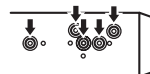**2   Secure the mounting sleeve by using a screwdriver to bend the metal tabs (90°) into place.**

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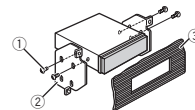
① Dashboard
② Mounting sleeve

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

DIN Rear-mount

1   Determine the appropriate position where the holes on the bracket and the side of the unit match.
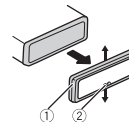
2   Tighten two screws on each side.

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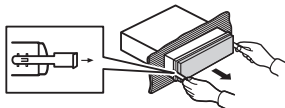
Removing the unit

1   Remove the trim ring.

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

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

3 Pull the unit out of the dashboard.

## Removing and re-attaching the front panel

You can remove the front panel to protect your unit from theft.
Press the detach button and push the front panel upward and pull it toward you.
For details, refer to *Removing the front panel to protect your unit from theft* and *Re-attaching the front panel* on page 5.

Securing the front panel

The front panel can be secured with the supplied screw.
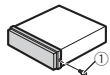
① Screw

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.

Note

Install the microphone in a position and orientation that will enable it to pick up the voice of the person operating the system.

When installing the microphone on the sun visor

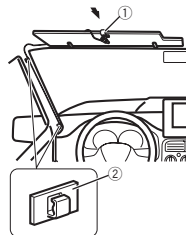**1 Install the microphone on the microphone clip.**

① Microphone
② Microphone clip

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.)
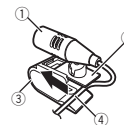
① Microphone clip
② Clamp
　Use separately sold clamps to secure the lead where necessary inside the vehicle.

When installing the microphone on the steering column
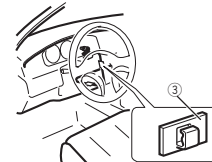
1 Install the microphone on the microphone clip.

① Microphone
② Microphone base
③ Microphone clip
④ Fit the microphone lead into the groove.

■　Microphone can be installed without using microphone clip. In this case, detach the microphone base from the microphone clip. To detach the microphone base from the microphone clip, slide the microphone base.

2 Install the microphone clip on the steering column.

① Double-sided tape
② Install the microphone clip on the rear side of the steering column.
③ Clamp
　Use separately sold clamps to secure the lead where necessary inside the vehicle.

Adjusting the microphone angle

The microphone angle can be adjusted.

Additional information

Troubleshooting

Symptom	Cause	Action
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 transmits electric waves near the unit.	Move electrical devices that may be causing the interference away from the unit.

Symptom	Cause	Action
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 operate 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.

Error messages

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

Common

Message	Cause	Action
AMP ERROR	Unit fails to operate or speaker connection is incorrect; 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.

CD player

Message	Cause	Action
ERROR-07, 11, 12, 17, 30	The disc is dirty.	Clean the disc.
	The disc is scratched.	Replace the disc.
ERROR-07, 10, 11, 12, 15, 17, 30, A0	There is an electrical or mechanical error.	Turn the ignition switch OFF and back ON, or switch to a different source, then back to the CD player.
ERROR-15	The inserted disc is blank.	Replace the disc.
ERROR-23	Unsupported CD format.	Replace the disc.
FORMAT READ	Sometimes there is a delay between the start of playback and when you start to hear any sound.	Wait until the message disappears and you hear sound.

Message	Cause	Action
NO AUDIO	The inserted disc does not contain any playable files.	Replace the disc.
SKIPPED	The inserted disc contains DRM protected files.	Replace the disc.
PROTECT	All the files on the inserted disc are embedded with DRM.	Replace the disc.

USB storage device/iPod

Message	Cause	Action
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 files embedded with Windows Media™ DRM 9/10.	Play an audio file not embedded with Windows Media DRM 9/10.

Additional information

Additional information

Message	Cause	Action
PROTECT	All the files in the USB storage device are embedded with Windows Media DRM 9/10.	Transfer audio files not embedded with Windows Media DRM 9/10 to the USB storage device and connect.
N/A USB	The USB device connected to 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.

Message	Cause	Action
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.

Message	Cause	Action
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

Message	Cause	Action
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

Message	Cause	Action
ERROR-19	Communication failed.	Disconnect the cable from the iPhone. Once the iPhone's main menu is displayed, reconnect the iPhone and reset it.
START UP APP	The Pandora application has not started running yet.	Start up the Pandora application from your iPhone.
TRY AGAIN	Unable to save thumb rating. Unable to save BookMark. Pandora system is undergoing maintenance.	Try again later.
SKIP LIMIT	Skip limit reached.	• Do not exceed the skip limit. • Pandora limits the number of tracks you may skip per station and per day.
CHECK APP	This version of the Pandora application is not supported.	Connect an iPhone that has a compatible version of the Pandora application installed.

Additional information

Message	Cause	Action
CHECK DE-VICE	Device error message displayed in Pandora Application. Unable to play music from Pandora.	Please check your iPhone.
NO STATION	No station found.	Create a station in the Pandora application on your iPhone.
NO ACTIVE ST	No station selected.	Select a station.

Handling guidelines

Discs and player

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

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

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

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

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

Unfinalized CD-R/RW discs cannot be played back.

Do not touch the recorded surface of the discs.

Store discs in their cases when not in use.

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

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

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

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

Road shocks may interrupt disc playback.

Read the precautions for discs before using them.

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

Do not attach commercially available labels or other materials to the discs.
• The discs may warp making the disc unplayable.
• The labels may come off during playback and prevent ejection of the discs, which may result in damage to the equipment.

Additional information

USB storage device

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

Connections via USB hub are not supported.

Do not connect anything other than a USB storage device.

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

Depending on the USB storage device, the following problems may occur.
• Operations may vary.
• The storage device may not be recognized.
• Files may not be played back properly.
• The device may generate noise in the radio.

iPod

Do not leave the iPod in places with high temperatures.

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

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

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.

DualDiscs

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

Since the CD side of DualDiscs is not physically compatible with the general CD standard, it may not be possible to play the CD side with this unit. Frequent loading and ejecting of a DualDisc may result in scratches on the disc. Serious scratches can lead to playback problems on this unit. In some cases, a DualDisc may become stuck in the disc loading slot and will not eject. To prevent this, we recommend you refrain from using DualDisc with this unit.

Please refer to the information from the disc manufacturer for more detailed information about DualDiscs.

Compressed audio compatibility (disc, USB)

WMA

File extension: .wma

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

Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz

Windows Media Audio Professional, Lossless, Voice/DRM Stream/Stream with video: 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)

Additional information

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)

Supplemental information

Only the first 32 characters can be displayed as a file name (including the file extension) or a folder name.
This unit may not operate correctly depending on the application used to encode WMA files.
There may be a slight delay at the start of playback of audio files embedded with image data or audio files stored on a USB storage device that has numerous folder hierarchies.

Disc

Playable folder hierarchy: up to eight tiers (A practical hierarchy is less than two tiers.)
Playable folders: up to 99
Playable files: up to 999
File system: ISO 9660 Level 1 and 2, Romeo, Joliet
Multi-session playback: Compatible

Packet write data transfer: Not compatible
Regardless of the length of blank sections between the songs from the original recording, compressed audio discs play with a short pause between songs.

USB storage device

Playable folder hierarchy: up to eight tiers (A practical hierarchy is less than two tiers.)
Playable folders: up to 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 discs or a USB storage device in any place that is subject to high temperatures.

iPod compatibility

This unit supports only the following iPod models. Supported iPod software versions are shown below. Older versions may not be supported. Made for
- iPod touch 4th generation (software version 5.1.1)

- iPod touch 3rd generation (software version 5.1.1)
- iPod touch 2nd generation (software version 4.2.1)
- iPod touch 1st generation (software version 3.1.3)
- iPod classic 160GB (software version 2.0.4)
- iPod classic 120GB (software version 2.0.1)
- iPod classic (software version 1.1.2)
- iPod with video (software version 1.3.0)
- iPod nano 6th generation (software version 1.2)
- iPod nano 5th generation (software version 1.0.2)
- iPod nano 4th generation (software version 1.0.4)
- iPod nano 3rd generation (software version 1.1.3)
- iPod nano 2nd generation (software version 1.1.3)
- iPod nano 1st generation (software version 1.3.1)
- iPhone 4S (software version 5.1.1)
- iPhone 4 (software version 5.1.1)
- iPhone 3GS (software version 5.1.1)
- iPhone 3G (software version 4.2.1)
- iPhone (software version 3.1.2)

| |
|---|
| 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. |
| When using an iPod, an iPod Dock Connector to USB Cable is required. |
| A Pioneer CD-IU51 interface cable is also available. For details, consult your dealer. |
| About the file/format compatibility, refer to the iPod manuals. |
| Audiobook, Podcast: Compatible |

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

Sequence of audio files

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

Example of a hierarchy

: Folder
: Compressed audio file
01 to 05: Folder number
① to ⑥: Playback sequence

Level 1　Level 2　Level 3　Level 4
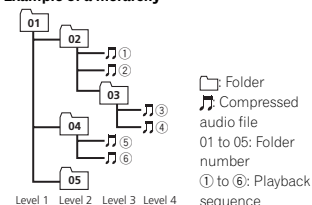
Disc

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

USB storage device

Playback sequence is the same as recorded sequence in the USB storage device.
To specify the playback sequence, the following method is recommended.
1. Create a file name that includes numbers that specify the playback sequence (e.g., 001xxx.mp3 and 099yyy.mp3).
2. Put those files into a folder.
3. Save the folder containing files on the USB storage device.
However, depending on the system environment, you may not be able to specify the playback sequence.

English

Additional information

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
• HSP (Head Set Profile)
• PBAP (Phone Book Access Profile)
• A2DP (Advanced Audio Distribution Profile)
• AVRCP (Audio/Video Remote Control Profile) 1.3

Copyright and trademark

Bluetooth
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iTunes
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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.

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.
"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.

Pandora
Pandora is a registered trademark of Pandora Media, Inc.

MIXTRAX
MIXTRAX is a trademark of the PIONEER CORPORATION.

Specifications

General
Power source .... 14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system .... Negative type
Maximum current consumption
.... 10.0 A
Dimensions (W × H × D):
 DIN
  Chassis .... 178 mm × 50 mm × 165 mm
  (7 in. × 2 in. × 6-1/2 in.)
  Nose .... 188 mm × 58 mm × 15 mm
  (7-3/8 in. × 2-1/4 in. × 5/8 in.)
  (DEH-X6500BT/DEH-X65BT)
  Nose .... 188 mm × 58 mm × 16 mm
  (7-3/8 in. × 2-1/4 in. × 5/8 in.)
  (DEH-4500BT)
 D
  Chassis .... 178 mm × 50 mm × 165 mm
  (7 in. × 2 in. × 6-1/2 in.)
  Nose .... 170 mm × 46 mm × 15 mm
  (6-3/4 in. × 1-3/4 in. × 5/8 in.)
  (DEH-X6500BT/DEH-X65BT)
  Nose ....
  170 mm × 46 mm × 16 mm
  (6-3/4 in. × 1-3/4 in. × 5/8 in.)
  (DEH-4500BT)
Weight .... 1 kg (2.2 lbs)

Audio
Maximum power output ... 50 W × 4
  70 W × 1/2 Ω (for subwoofer)
Continuous power output
  .... 22 W × 4 (50 Hz to 15 000 Hz, 5 % THD, 4 Ω load, both channels driven)
Load impedance .... 4 Ω (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 .... –6 dB/oct, –12 dB/oct
  Gain .... +6 dB to –24 dB
  Phase .... Normal/Reverse

CD player
System .... Compact disc audio system
Usable discs .... Compact disc
Signal-to-noise ratio .... 94 dB (1 kHz) (IHF-A network)
Number of channels .... 2 (stereo)
MP3 decoding format ...... MPEG-1 & 2 Audio Layer 3
WMA decoding format ..... Ver. 7, 7.1, 8, 9, 10, 11, 12 (2 ch audio)
  (Windows Media Player)
WAV signal format .... Linear PCM & MS ADPCM (Non-compressed)

USB
USB standard specification
  .... USB 2.0 full speed
Maximum current supply
  .... 1 A
USB Class .... MSC (Mass Storage Class)
File system FAT12, FAT16, FAT32
MP3 decoding format ...... MPEG-1 & 2 Audio Layer 3
WMA decoding format ..... Ver. 7, 7.1, 8, 9, 10, 11, 12 (2 ch audio)
  (Windows Media Player)
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 μV/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 μV (S/N: 20 dB)
Signal-to-noise ratio .... 62 dB (IHF-A network)

Additional information

Bluetooth

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

CEA2006 Specifications

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

Note

Specifications and the design are subject to
modifications without notice.

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

http://www.pioneerelectronics.com

See "Visit our website" page
Voir la page "Visitez notre site Web"
Consulte la página sobre "Visite nuestro sitio Web"

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Pioneer

PIONEER ELECTRONICS (USA) INC.   **PIONEER ELECTRONIQUE DU CANADA, INC.**

GARANTIE LIMITÉE
GARANTIE VALIDE SEULEMENT DANS LE PAYS OU 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 DEVREZ FOURNIR UN RELEVÉ DE CAISSE OU UNE AUTRE PREUVE D'ACHAT VALIDE INDIQUANT LA DATE DE L'ACHAT INITIAL OU, SI VOUS LOUEZ LE PRODUIT, VOTRE CONTRAT DE LOCATION INDIQUANT 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 ".

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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 Électronique 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 :

<u>AUX ÉTATS-UNIS</u>
CUSTOMER SUPPORT
PIONEER ELECTRONICS (USA) INC.
P.O. BOX 1760
LONG BEACH, CALIFORNIA 90801
1-800-421-1404
http://www.pioneerelectronics.com

<u>AU CANADA</u>
GROUPE 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 1-877-283-5901 pour discuter de votre plainte et résoudre rapidement le problème.

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

N°. du modèle : _____   N°. de série : _____

Date d'achat : _____   Acheté de : _____

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

< QRY3001-A/S >
Imprimé en Chine

Pioneer

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

	Parts	Labor
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

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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.	IN CANADA
For hook-up and operation of your unit or to locate an Authorized Service Company, please call or write:	For additional information on this warranty, please call or write:
CUSTOMER SUPPORT / PIONEER ELECTRONICS (USA) INC.	CUSTOMER SATISFACTION GROUP
P.O. BOX 1760	PIONEER ELECTRONICS OF CANADA, INC.
LONG BEACH, CALIFORNIA 90801	340 FERRIER STREET, UNIT 2
1-800-421-1404	MARKHAM, ON L3R 2Z5
http://www.pioneerelectronics.com	(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 1-877-283-5901 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-A/S >
Printed in China