Operation Manual

CDX-FM677

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Dear Customer:

Selecting fine audio equipment such as the unit you’ve just purchased is only the start of your musical enjoyment. Now it’s time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association’s Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

• Start your volume control at a low setting.
• Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

• Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association’s Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

<table>
<thead>
<tr>
<th>Decibel Level</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Quiet library, soft whispers</td>
</tr>
<tr>
<td>40</td>
<td>Living room, refrigerator, bedroom away from traffic</td>
</tr>
<tr>
<td>50</td>
<td>Light traffic, normal conversation, quiet office</td>
</tr>
<tr>
<td>60</td>
<td>Air conditioner at 20 feet, sewing machine</td>
</tr>
<tr>
<td>70</td>
<td>Vacuum cleaner, hair dryer, noisy restaurant</td>
</tr>
<tr>
<td>80</td>
<td>Average city traffic, garbage disposals, alarm clock at two feet.</td>
</tr>
</tbody>
</table>

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

<table>
<thead>
<tr>
<th>Decibel Level</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>Subway, motorcycle, truck traffic, lawn mower</td>
</tr>
<tr>
<td>100</td>
<td>Garbage truck, chain saw, pneumatic drill</td>
</tr>
<tr>
<td>120</td>
<td>Rock band concert in front of speakers, thunderclap</td>
</tr>
<tr>
<td>140</td>
<td>Gunshot blast, jet plane</td>
</tr>
<tr>
<td>180</td>
<td>Rocket launching pad</td>
</tr>
</tbody>
</table>

Information courtesy of the Deafness Research Foundation.
Precautions

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.

NOTES:
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERference, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFACE THAT MAY CAUSE UNDESIREd OPERATION.
CHANGES OR MODIFICATIONS TO THIS PRODUCT BY OTHER THAN AN AUTHORIZED SERVICE FACILITY COULD VOID AUTHORIZATION TO USE THIS EQUIPMENT.
SHOULD THE USE OF THIS PRODUCT CAUSE HARMFUL INTERERENCE WITH ANY RADIO DEVICES, CONTACT YOUR DEALER.
THE USE OF THIS PRODUCT MAY CAUSE A NOTICEABLE LOSS IN AM SIGNAL RECEPTION. THIS IS NOT A MALFUNCTION BUT IS PART OF THE NORMAL OPERATION OF THIS MODEL.

- When you use this universal multi-CD system, the effective sensitivity of your radio will be reduced slightly.
- When you turn the car radio off, the system stays on. If you leave it on for a long time, the car battery may go flat.
- You can connect this unit to a Multi-CD controller (e.g. a head unit) with an IP-BUS cable (sold separately). If you do this, refer to the manual provided with the Multi-CD controller before using it to operate this unit.
- With this player, you can use the ITS functions to store up to 99 tracks per disc. Even if the Head unit’s manual indicates ITS memory is up to 24 tracks per disc, this player can store up to 99 tracks per disc.
- When driving on an uneven road, the player may not reproduce every sound properly.
- When this universal multi-CD system is connected to a vehicle’s diversity antenna, there may be distortion if a station is broadcasting a strong signal on the frequency you’re using for the system. If this occurs, switch to another frequency.
- During winter the inside of the vehicle may be very cold. If the heater is turned on and the player is used soon after, the disc or optical parts (prism, lens, etc.) may become misted up, and the player will not operate correctly. If the disc is misted up, wipe it with a soft cloth. If the optical parts are misted up, wait for about an hour for them to warm up. They will return to their normal condition.
- This product conforms to the track skip function of the CD-R disc. The tracks containing the track skip information are skipped over automatically.

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

After-sales service for Pioneer products
Please contact the dealer or distributor from where you purchased the product for its 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 product to the companies at the addresses listed below for repair without advance contact.

U.S.A.
Pioneer Electronics Service, Inc.
CUSTOMER SERVICE DEPARTMENT
P.O. Box 1760
Long Beach, CA 90801
800-421-1404

CANADA
Pioneer Electronics of Canada, Inc.
CUSTOMER SERVICE DEPARTMENT
300 Allstate Parkway
Markham, Ontario L3R OP2
(905) 479-4411
1-877-283-5901

For warranty information please see the Limited Warranty sheet included with your product.
Precautions

• Keep the remote controller unit in an area not exposed to long periods of direct sunlight.
• The remote controller unit may not operate properly if the transmitter of the remote controller unit is pointed towards the floor or the seat of the vehicle.
• Since the transmitter employs an infrared system, it may not operate properly while car stereo unit is exposed to direct sunlight. In such a case, block the sunlight from the sensor and then perform the desired operation.
• If the remote controller fails to operate unless it is brought close to the unit, it may indicate that battery power is low. Replace the batteries in the remote controller.

Loading Battery

WARNING:
• Keep the Lithium Battery out of reach of children. Should the Battery be swallowed, immediately consult a doctor.

CAUTION:
• Do not recharge, disassemble, heat or dispose of battery in fire.
• Use a CR2025 (3 V) Lithium Battery only. Never use other types of battery with this unit.
• Do not handle the battery with metallic tools.
• Do not store the Lithium Battery with metallic materials.
• When disposing of used batteries, please comply with governmental regulations or environmental public institution’s rules that apply in your country/area.
• Always check carefully that you are loading battery with its (+) and (–) poles facing in the proper directions.

Remove the cover on the back of the remote controller unit and insert the battery with the (+) and (–) poles pointing in the proper direction.
• Use only lithium battery “CR2025”, 3 V.
Inserting discs

- Slide out the disc tray
- Hold down the magazine lock button and, pull the tray out.
- Position the disc with the label upward.

Changing disc trays

- Gently pull the disc tray out.
- Align the disc tray with the left and right grooves, and push it in until you hear it click.
Notes on 8-cm (3-inch) CDs

Do not use an 8-cm CD adapter. If it is used, the player may fail. To load an 8-cm CD, you need a special 8-cm CD tray (Part No. CXB5931). Ask your Pioneer service station about it.

- Be sure to remove the disc before changing a disc tray.
- If the tray is not aligned with the right and left grooves, it cannot be pushed to the end. Do not bend or force the tray.
- Always load 6 trays in a magazine to prevent loss or warping of trays.
- If you load a disc with the label generally printed in black facing down, not only will the player not be able to recognize whether the disc is set or not, but also, the display unit will not display an error message to let you know about it. So make sure all the discs in each magazine have their label sides facing up.

Precautions when handling magazines

- Do not put the magazine in a place where it will be exposed to high temperatures or direct sunlight.
- Do not disassemble the magazine.
- Take care not to drop the magazine or knock it against anything.
- Do not use cracked or warped trays.
- Never insert anything other than discs. Do not attach a label or tape to a disc.
- The use of benzine, thinner, insecticide, or other volatile chemicals may damage the magazine surface.

Extra magazines

If you need more magazines, please ask your nearest dealer for magazine JD-612V.

Attaching the label

Attach the supplied label in the specified position. Attaching the label in an incorrect place or attaching more than one label will cause malfunction.
Using the Compact Discs Magazine

**Loading the magazine**

1. Slide and open the door.
2. Open it fully until it locks with a click.

Insert the magazine with the arrow upward.

- Do not put your fingers in the magazine tray as this may lead to incorrect operation and damage to the player.
- If the label on the magazine is coming off or wrinkled up, it may damage the eject mechanism, and in some cases, the magazine may not be ejected. Therefore, remove a damaged label completely before use.
- Never leave the door open while playing discs. The entry of dirt, dust, or any other foreign matter into the player may cause it to fail.

**To remove the magazine**

Press the eject button.

Insert the magazine.
1. Switch the radio on and tune to Modulating Frequencies.
   - The initial value is 89.1 MHz.
     (See Page 20 regarding switching CD player transmission frequency.)
   - If your radio does not have muting, there may be some noise before power switch of control unit is ON. If this happens, turn down the volume of the radio.

2. Press button to switch on and start the player.

**Disc Number Search**

- **+: increase the number.**
- **-**: decrease the number.
Playing Compact Discs

Using Track Search/Fast Forward and Reverse

This product lets you select the track search function or fast forward/reverse function by changing the length of the time you press the button.

- : decrease the number.
- : Fast Reverse
- : increase the number.
- : Fast Forward

Track search 0.5 seconds or less
Fast forward/Reverse Continue pressing
**Pausing**

Press button to pause during disc playback.
Press button again to release pause.

**MEMO**

You can select a track using the track search during pause. ("PAUSE" is off while a track is being searched.) When the track search ends, the found track is paused at its beginning.

**Repeat**

**Track Repeat**

Play the current track repeatedly.

**Disc Repeat**

Play the same disc repeatedly.

**MEMO**

- Changing to a different song or using fast forward or reverse during track repeat will cause the mode to change to disc repeat.
- Changing discs during track repeat or disc repeat will cause the mode to change to normal play.

**Normal play**

Play all disc loaded in the magazine in the CD player repeatedly.

Each press of button, the mode changes.
Playing Compact Discs

Random Play

1. Select the desired repeat mode.

Example: Disc Repeat (See Page 11.)

2. Hold down button for more than 2 second.

Once the current track has been played, the microprocessor will randomly select the next and subsequent tracks. To cancel random play, hold down button for more than 2 seconds again.

MEMO

If track repeat is selected as the repeat mode in step 1, it will automatically switch to disc repeat mode and random play will begin.
1. Play the track you want to program.

2. Press button to program the track.

It will be displayed for about 2 seconds to indicate memory storage.

**MEMO**

- The ADPS function* of the multi-play CD player lets you program up to 100 discs.
  - ADPS: Automatic Disc Program Selection.
  - When the number of discs exceeds 100, the oldest disc that has been played in the past is overwritten by the newest.
- Up to 99 tracks can be programmed for a single disc.
- Tracks are programmed for each disc. Programmed tracks are not erased after the disc is changed.
1. Select the desired repeat mode.

Example: Disc Repeat (See Page 11.)

2. Hold down button for more than 2 seconds.

To cancel ITS play, hold down button for more than 2 seconds again.

**MEMO**

- If track repeat is selected as the repeat mode in step 1, it will automatically switch to disc repeat mode and ITS play will begin.
- When you play a disc that has no tracks programmed, “EMPTY” will appear on the display for about 2 seconds, indicating that ITS play is not possible.
- During ITS play, both disc and track number search is performed only on programmed tracks.
During ITS play, select the track you wish to erase by using track search. Hold down button for more than 2 seconds to erase the program. (When there are no more memorized tracks, "EMPTY" is displayed, and ITS play is canceled.)

To erase a single track program:

During ITS play, select the track you wish to erase by using track search. Hold down button for more than 2 seconds to erase the program. (When there are no more memorized tracks, “EMPTY” is displayed, and ITS play is canceled.)

To erase the disc program:

During normal play, select the disc you wish to erase by using disc number search. Hold down button for more than 2 seconds to erase the program.

It will be displayed for about 2 seconds to indicate deletion of memory contents in play.
Playing Compact Discs

Disc Title

You can enter a title for the disc in the CD player. The title stored for the disc can be displayed.

Entering Title

1. Select the disc for which you want to enter a title.

2. Hold down button for more than 2 seconds to select title input mode.

MEMO

- You cannot switch to the Title Input mode while playing a CD TEXT disc.
- The ADPS function* of the CD player lets you enter titles for up to 100 discs. (Up to 100 discs, including ITS, can be programmed.)
- A disc title can consist of up to 10 characters for a single disc.
- When the number of discs exceeds 100, the oldest disc that has been played in the past is overwritten by the newest.
- One title is stored for each disc. The title stored for a disc is not erased after the disc is changed.

*ADPS: Automatic Disc Program Selection.
3. Press the ‹‹ or †† side of button to select the input position. The input position moves continuously when you hold down either side of the button.

4. Select characters using the + or – side of button. When you hold down either side of the button, the character changes continuously.

5. Select the input position farthest to the right and press the button to memorize. The title will appear on the display.

**MEMO**

To interrupt title input, press the button for 2 seconds or more.
Each press of the button switches between display of track number (elapsed play time) and disc title indications.

When playing a CD TEXT disc, indications switch as shown on the left.

MEMO

- When you perform any operation while the disc title is being displayed, the normal operation display will appear for 8 seconds.
- If TEXT data is not recorded on a CD TEXT disc, “NO ~” (e.g. NO TITLE) is displayed.

CD TEXT Title Scroll

Press the button for more than 2 seconds to scroll CD TEXT titles.
Disc Title List

You can list all discs loaded in the magazine being played. This function is convenient for checking discs in the magazine being played.

Each press of button displays the titles of the discs in the magazine being played in ascending order of disc number.

MEMO

• The disc title is displayed for about 8 seconds, then the normal operation display returns.
• Nothing is displayed for discs having no titles.
• Trays with no discs are skipped.

Select the disc to be played from the disc list display

1. Press button to display the disc title list.

2. When the title of the disc you want to listen to is displayed, press button for more than 2 seconds.
That disc is played.
Playing Compact Discs

Setting Player to Play Discs via Radio

Modulating frequencies selector
This system can change the frequency at which the FM car radio receives the CD audio signals within the range of 87.9 to 90.1 MHz in 0.2-MHz increments. (The initial setting is 89.1 MHz.) If there is a strong broadcast station signal near the current frequency, radio interference may occur. If it occurs, change the frequency.

Source level adjuster
When you play discs, if the volume is low compared with that for FM increase the volume level. If the volume is high and there is distortion, decrease the volume level. (The initial setting is “LEVEL-4”.)

Pre-emphasis selector
Normally, set the pre-emphasis selector to “PRE-EMP 1”. (The initial setting is “PRE-EMP 1”.)
Play a disc. If you feel the treble is insufficient, switch the selector to “PRE-EMP 2” to boost the treble slightly.
• When the selector is set to “PRE-EMP 2”, the sound may distort with some car radios. In this case, switch it back to “PRE-EMP 1”.

1. Hold down button for more than 2 seconds. The modulator setting mode will be entered, and the frequency will be displayed.

MEMO
If you do nothing within the next 8 seconds, the modulator setting mode returns to the normal mode without changing the most recent settings.
2. Set the items while referring to the chart on the left.

<table>
<thead>
<tr>
<th>Item</th>
<th>Button</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>or</td>
<td>89.1 MHZ</td>
</tr>
<tr>
<td>Level</td>
<td>or</td>
<td>LEVEL -4</td>
</tr>
<tr>
<td>Pre-emphasis</td>
<td>or</td>
<td>PRE-EMP1</td>
</tr>
</tbody>
</table>

The last adjustment is kept as final.

3. Press the button for 2 seconds or more to return to normal play.
### Display shows this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Cause</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>No MAGAZINE (appears)</td>
<td>Removing the magazine from the CD player during CD play.</td>
<td>To use this system, load the magazine into the CD player and then turn on the power.</td>
</tr>
<tr>
<td>No MAGAZINE (flashes for 5 seconds)</td>
<td>Power was turned on while the magazine was not loaded in the CD player.</td>
<td>Turn on the power after loading the magazine into the CD player.</td>
</tr>
<tr>
<td>READY</td>
<td>The CD player is warming up.</td>
<td>Please wait a few moments.</td>
</tr>
<tr>
<td>Err 11, Err 12, Err 14, Err 17</td>
<td>Dirt or a scratch on the disc stops the laser beam from being able to focus.</td>
<td>Wipe off the dirt. Exchange the disc if it has been scratched. (See Page 23.)</td>
</tr>
<tr>
<td>Err 30</td>
<td>Dirt or a scratch on the disc hinders the track number search function.</td>
<td></td>
</tr>
<tr>
<td>Err 11, Err 14</td>
<td>The disc has been inserted upside down.</td>
<td>Confirm that the disc has been inserted right side down. (See Page 6.)</td>
</tr>
<tr>
<td>Err 14</td>
<td>An unrecorded compact disc (CD-R), which can be recorded on once is being used.</td>
<td>When you use a CD-R, load one that has been recorded on.</td>
</tr>
<tr>
<td>Err 44</td>
<td>All tracks are setting track skip.</td>
<td>Replace the disc.</td>
</tr>
<tr>
<td>NO DISC</td>
<td>There is no disc in the magazine.</td>
<td>Load a disc into the magazine. (See Page 6.)</td>
</tr>
<tr>
<td>Err 10, Err 11, Err 12, Err 14, Err 17 Err 19, Err 30, Err 50, Err 60, Err 70 Err A0, Err A1</td>
<td>Electrical or mechanical system fault.</td>
<td>Turn the car ignition switch off and on again, or press power ON/OFF button on the display unit, and start the CD playing again.</td>
</tr>
</tbody>
</table>

**Take action according to the chart below.**
Check discs and magazine once more.

**If it still doesn’t work after checking.**
Press the CD player’s Clear button. (See Page 23.)

**If it still doesn’t work.**
Read “After-sales service for Pioneer products” and request servicing.
Pressing the Clear Button

After connecting everything up, press the clear button with the tip of a pencil. If the power will not switch on, or if the CD player does not operate, when the button on the control unit is pressed, or if the control unit display is incorrect, press this button with the tip of a pencil to restore normal operation. (This button is located inside the door.)

Discs

- With this unit, use discs and magazines bearing the above marks.
- This product is designed for use with conventional, fully circular CDs only. Use of shaped CDs are not recommended for this product.
- Check all CDs before playing, and discard cracked, scratched or warped discs.
- Normal playback of CD-R discs other than those recorded with a music CD recorder may not be possible.
- Playback of music CD-R discs, even those recorded with a music CD recorder, may not be possible with this product due to disc characteristics or scratches or dirt on the disc. Dirt or condensation on the lens inside this product may also prevent playback.
- Titles and other text information recorded on a CD-R disc may not be displayed by this product.
- Read the precautions with the CD-R discs before using.
- Avoid touching the recorded (iridescent) surface when handling discs.
- Do not affix labels or apply chemicals to discs.
- Wipe dirty or damp discs outward from the center with a soft cloth.
- Keep discs out of direct sunlight and high temperatures.
A transport screw has been attached to the set in order to protect it during transportation. After removing the transport screw, cover the hole with the supplied seal.

Be sure to remove the transport screw before mounting the set. The removed transport screw should be retained in the accessory bag for use the next time the set is transported.
## Specifications

### CD Player unit
- **System**: Compact disc audio system
- **Usable discs**: Compact Disc
- **Signal format**: Sampling frequency: 44.1 kHz, Number of quantization bits: 16; linear
- **Power source**: 14.4 V DC (10.8 — 15.1 V allowable), Max. current consumption: 1.0 A
- **Weight**: 1.9 kg (4.2 lbs)
- **Dimensions**: 248 (W) × 66 (H) × 168 (D) mm [9-3/4 (W) × 2-5/8 (H) × 6-5/8 (D) in]
- **FM modulator usable frequency**: 87.9/88.1/88.3/88.5/88.7/88.9/89.1/89.3/89.5/89.7/89.9/90.1 MHz

### Antenna Switching unit
- **Weight**: 140 g (0.3 lbs)
- **Dimensions**: 45 (W) × 25 (H) × 43 (D) mm [1-3/4 (W) × 1 (H) × 1-5/8 (D) in]

### Display unit
- **Weight**: 78 g (0.1 lbs)
- **Dimensions**: 100 (W) × 37 (H) × 18 (D) mm [3-15/16 (W) × 1-7/16 (H) × 5/8 (D) in]

### Remote Controller unit
- **Power source**: Battery (CR2025)
- **Weight (including battery)**: 15 g (0.03 lbs)
- **Dimensions**: 36 (W) × 92 (H) × 9 (D) mm [1-2/5 (W) × 3-5/8 (H) × 1/3 (D) in]

**Note:** Specifications and the design are subject to possible modification without prior notice due to improvements.
Français

- Avant l’installation, retirez la grille de transport et raccordez provisoirement les appareils. Vérifier que les appareils et la chaîne fonctionnent correctement.
- Lorsque le raccordement est effectué, appuyez sur le bouton d’amplification du lecteur CD avec la pointe d’un crayon.
- Veillez à bien raccorder le conducteur de masse (rouge) à la carrosserie du véhicule ou à toute autre pièce métallique correctement mise à la masse sur le châssis. Si le conducteur de masse n’est pas raccordé correctement, il pourrait en résulter des parasites, ou la chaîne pourrait ne pas fonctionner correctement.
- Cet appareil est destiné aux véhicules avec une batterie de 12 V, négatif à masse négative. Avant de l’installer dans un véhicule de loisir, un camion ou un car, vérifiez la tension de la batterie.
- Afin d’éviter des court-circuits dans le système électrique, assurez de déconnecter le câble – de batterie avant de commencer l’installation.
- Vérifier si l’installation et le câblage ont été complétés correctement. Remplacer les composantes de voitures retirées, puis connecter l’extrémité du câble à la borne négative – de la batterie.
- Fixer le câble au moyen des attaches de câble ou une bande adhésive. Pour protéger le câble, enrouler la bande adhésive autour des câbles à l’endroit où ceux-ci sont placés contre les parties métalliques.
- Acheminer et fixer tout le câblage de telle sorte qu’il ne touche pas les pièces mobiles, comme le levier de changement de vitesse, le frein à main et les rails des sièges. Ne pas acheminer les câbles dans les endroits qui peuvent devenir chauds, comme près de la sortie de radiateur. Si l’isolation des câbles fond ou se déchire, il existe un danger de court-circuit des câbles avec la carrosserie du véhicule.
- Ne faites pas passer le conducteur jaune de la chaîne d’alimentation de la batterie à travers la carrosserie du véhicule. Ceci endommagerait l’isolation du conducteur et causerait un dangereux court-circuit.
- Ne pas court-circuiter les conducteurs. Sinon, le circuit de protection risque de ne pas fonctionner.
- Ne jamais alimenter un autre appareil en coupant l’isolement du conducteur d’alimentation de l’appareil et en la branchant dans le conducteur. L’interleaver de courant du conducteur dépasserait provoquant ainsi un surchauffe.
- Remplacer les fusibles seulement par des fusibles de type spécifique sur le porte-fusibles et la mémoire. Les fusibles peuvent devenir chauds, comme près de la sortie de radiateur. Si l’isolation des câbles fond ou se déchire, il existe un danger de court-circuit des câbles avec la carrosserie du véhicule.
- Ne faites pas passer le conducteur jaune de la chaîne d’alimentation de la batterie à travers la carrosserie du véhicule. Ceci endommagerait l’isolation du conducteur et causerait un dangereux court-circuit.
- Ne pas court-circuiter les conducteurs. Sinon, le circuit de protection risque de ne pas fonctionner.
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- Remplacer les fusibles seulement par des fusibles de type spécifique sur le porte-fusibles et la mémoire. Les fusibles peuvent devenir chauds, comme près de la sortie de radiateur. Si l’isolation des câbles fond ou se déchire, il existe un danger de court-circuit des câbles avec la carrosserie du véhicule.
Installing the Display Unit/Installation de l’afficheur

1. Start by opening installation holes in the console, etc.  
   - When opening holes in the console, etc., confirm that there is no object at the rear of the console, and be careful not to cut off the power supply cord.  
   - A minimum depth of 20 mm is required for installation of the flush mounting bracket.

2. Fit the ☀ into the opening in the console, etc., raise the claws of ☀ with a flat-bladed screwdriver, and secure the bracket in place.

3. Fit the ☀ into the ☀ (the top and bottom of the holder are predetermined), then secure it with ☀.

4. Pass the display unit (A) cord through the hole in the holder, and fit the display unit into the holder.

Parts for display unit mounting/  
Pièces requises pour le montage de l’afficheur

- ☀ x 1  
- ☀ x 1  
- ☀ x 1  
- ☀ x 1  
- ☀ x 1  
- ☀ x 2

(Rough surface)  
(Surface rugueuse)

(Soft surface)  
(Surface douce)

Installing using the flush mounting bracket/  
Installation au moyen du support du montage affleurant

- Fasten the display unit with Velcro tape/  
  Fixer l’afficheur à l’aide d’une bande Velcro

- Claws  
  Mâchoires  
  Essuyez solennellement la surface avant d’attacher le morceau de bande Velcro.  
  Il est naturellement dangereux si le cordon sera enchevêtré au volant de direction, et il faudra donc installer le cordon de telle façon qu’il ne soit pas pris.

- Velcro tape  
  Bande Velcro

- Insert the ☀ that comes with the unit as shown in the illustration. Turn it to the left and then pull it towards you.
A transport screw has been attached to the set in order to protect it during transportation. After removing the transport screw, cover the hole with the supplied seal. Be sure to remove the transport screw before mounting the set. The removed transport screw should be retained in the accessory bag for use the next time the set is transported.

Des vis sont fixées sur le lecteur de façon à le protéger pendant le transport. Après avoir retiré la vis de transport, bouchez le trou au moyen du cache fourni. Veillez à retirer ces vis avant d’installer le lecteur. Conservez ces vis dans le sac contenant les accessoires de manière à ne pas les égarer et à être en mesure de les remettre en place en cas de transport.

Installing the CD Player Unit/Installation de la Unité lecteur CD

Mounting the player on the mounting board with self-tapping screws/Fixation du lecteur sur une platine à l’aide de vis autotaraudeuses

1 Horizontally/Horizontalement

Vertically/Verticalement

Use the holes indicated with arrows.
Percez les trous indiqués par les flèches.

2 Use the holes indicated with arrows.
Percez les trous indiqués par les flèches.

Refer to the following illustrations of mounting parts when mounting the player.

Les pièces servant à la fixation du lecteur sont illustrées ci-dessous.

Mounting parts/Pièces de fixation

Suspending the player from the parcel shelf with hex-screws/Fixation du lecteur sous la plage arrière au moyen de vis à tête hexagonale

1

Use the holes indicated with arrows.
Percez les trous indiqués par les flèches.
The following steps are the same for horizontal or vertical installation.

**English**

- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- When mounting the player, make sure none of the leads are trapped between the player and the surrounding metalwork or fittings.

**Location**

- Install the unit where it does not get in the driver’s way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- Be sure to mount the player on a rigid surface which is firm enough to hold the player in the proper position under all circumstances. Failure to do so may affect the optimum performance of the player.
- Before drilling a hole into the trunk, confirm that there is nothing behind the hole. Never drill a hole in the fuel tank or any other important part.
- Do not mount the player near the heater or the rear shelf. Do not mount the player on the spare tire, jack, or tools.
- Mount the player in a place where it does not get in the sun and so becomes hot, like on the dashboard or the rear shelf.
- Mount the player on a flat surface.
- Do not mount the player on the spare tire, jack, or tools.
- Do not mount the player anywhere that gets the sun and so becomes hot, like on the dashboard or the rear shelf.
- Mount the player on a flat surface.

**Suspension from the parcel shelf with hex-screws**

- Ideally, when the player is being mounted under the parcel shelf, two persons should work together. One person should hold the player, and the other should tighten the hex-nuts. If you do this job on your own, be great care not to drop or knock the player.
- When suspending the player under the parcel shelf, be sure that it is firmly installed on a solid surface. If the unit is not firmly installed, skipping will occur.

**Français**

- Consultez le concessionnaire de votre véhicule si l’installation exige le perçage de trous ou toute autre modification du véhicule.
- Avant d’installer définitivement l’appareil, reliez provisoirement les câbles et assurez-vous que tout est correct et que l’ensemble fonctionne normalement.
- Pour réaliser une bonne installation, n’utilisez que les pièces fournies avec l’appareil. L’emploi de pièces non fournies peut provoquer une anomalie de fonctionnement.
- Installez l’appareil de manière qu’aucun câble ne soit écrasé entre le lecteur et les pièces métalliques voisines.

**Emplacement**

- Installez l’appareil de manière qu’il ne gêne pas le conducteur et qu’il ne puisse pas blesser un occupant du véhicule en cas de freinage brusque.
- Fixez l’appareil à une surface rigide suffisamment solide pour le maintenir en toutes circonstances, faute de quoi ses performances pourraient être altérées.
- Avant de percer une cloison, assurez-vous que vous n’endommagerez aucune pièce pouvant se trouver derrière cette cloison. Ne percez aucun trou dans le réservoir de carburant ou toute autre pièce importante.
- N’installez pas l’appareil près des ouïes de chauffage en raison de la chaleur dégagée, ni près des portières en raison de l’exposition aux intempéries.
- N’installez pas l’appareil sur la plaque cachant la roue de secours ni sur toute autre surface amovible.
- Installez l’appareil dans un endroit qui ne gêne pas le retrait de la roue de secours, du créneau et des ouïes.
- N’installez pas l’appareil dans un endroit où il sera exposé à la lumière directe du soleil tel que la plage arrière ou le tableau de bord.
- Fixez le lecteur sur une surface plane.

**Positionnement du sélecteur d’angle de montage**

- Set the dial so that its slot is closest to the horizontal direction with respect to the ground surface.

**Les opérations suivantes sont les mêmes, que l’installation de l’appareil soit horizontale ou verticale.**
PIONEER ELECTRONICS (USA) INC. - PIONEER ELECTRONICS OF CANADA, INC. (PA) - (POC)
LIMITED WARRANTY
WARRANTY VALID ONLY IN COUNTRY OF PRODUCT PURCHASE

WARRANTY PERIOD
For the period specified below from date of original retail purchase (the warranty period) from an authorized Pioneer dealer, Pioneer Electronics (USA) Inc. (PA), and Pioneer Electronics Of Canada, Inc. (POC), warrant that products distributed by PA 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 PA or POC, without charge to you for parts or actual repair work. Parts supplied under this warranty may be new or rebuilt at the option of PA or POC.

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.

The warranty does not cover any product which is used in any trade or business, or in an industrial or commercial application.

PRODUCT WARRANTRY PERIOD
Car Stereo Products ............................................................... ONE YEAR ONE YEAR

This warranty covers the product during the warranty period whether in the possession of the original owner or any subsequent owner. In the event service is required, the product must be delivered within the warranty period, transportation prepaid, from within the country of purchase as explained in this document. You will be responsible for removal and installation of the product. PA or POC, as appropriate, will pay for the cost of returning the repaired or replacement product to you within the country of purchase.

WHAT'S NOT COVERED
This warranty does not apply to any speaker that has been subjected to power in excess of its published power rating.

This warranty does not cover the cabinet or any appearance item, user attached antennas, any damage to recordings or recording tapes or discs, any damage to the product resulting from alterations, modifications not authorized in writing by PA or POC, accident, misuse or abuse, damage due to lightning or to power surges, subsequent damage from leaking, damaged or 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 PA or POC 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 WARRANTY.

YOUR RIGHTS
PA and POC exclude any obligation on their part for incidental or consequential damages related to the failure of products each distributes to function properly under the conditions set forth above.

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

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

TO OBTAIN SERVICE
CAR STEREO PRODUCTS (EXCEPT CAR SPEAKERS SOLD IN THE U.S.A. ONLY)

PA and POC have appointed a number of Authorized Service Companies throughout the U.S.A. and Canada should your product ever require service. To receive warranty service you will need to present your sales receipt or, if rented, your rental contract showing place and date of original owner’s transaction.

Should it become necessary to ship the unit you will need to package the product carefully and send it, transportation prepaid by a traceable, pre-insured method, to an Authorized Service Company. Carefully package the product using adequate padding material to prevent damage in transit. The original container is ideal for this purpose. Include in the package your name, address, telephone number where you can be reached during business hours, a copy of your sales receipt and a detailed description of the problem.

TO OBTAIN SERVICE
CAR SPEAKERS SOLD IN THE U.S.A. ONLY

Should your car speaker require service, return defective car speaker to your retailer dealer for exchange. To receive warranty service you will need to present your sales receipt showing place and date of original owner’s retail purchase. If, for any reason, you cannot exchange the speakers at the selling dealer, call the Customer Service Department as given below.

- ADDITIONAL INFORMATION -

IN THE U.S.A.
For additional information on this warranty, please call or write:
CUSTOMER SERVICE DEPARTMENT
PIONEER ELECTRONICS SERVICE, INC.
P.O. BOX 1760
LONG BEACH, CALIFORNIA 90801
1-800-421-1404

IN THE U.S.A. DO NOT RETURN ANY PRODUCT TO THE ABOVE ADDRESS. IT IS NOT A SERVICE LOCATION.

IN CANADA
Please contact a Pioneer authorized Dealer to find the nearest Pioneer authorized service location. For additional information on this warranty, please call or write:
CUSTOMER SERVICE DEPARTMENT
PIONEER ELECTRONICS OF CANADA, INC.
300 ALLSTATE PARKWAY
MARKHAM, ON L3R 0P2
(905)479-4411

IN THE U.S.A.
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

< ARY1048-DJS > Printed in Singapore
1. F: Mr.  2. 3.  M.  4. Initial Last Name  HMW01-01
5. Street
6. City
7. State
8. Zip Code

10. E-mail Address:

11. Telephone Number:
   
12. Date of purchase:
   
13. Price paid (excluding sales tax):

14. Model #: KEH-
   
15. Do you own a Mini-Disc (MD) player?
   1. Yes  2. No

16. Your date of birth:


20. What group describes your annual family income?:

21. Which credit cards do you use regularly?
   1. American Express, Diners Club  2. MasterCard, Visa, Discover  3. Department Stores, Oil Company, etc.  4. Do not use credit cards

22. For your primary residence, do you:
   1. Own?  2. Rent?  3. Other:

23. Which are your three favorite magazines each month? (check all that apply)

24. Which of the following do you plan to do within the next:

25. Which of the following do you consider?:

26. Please check all that apply to your household.

27. Please check all that apply to your household.
Bag for keeping transportation screws
The transportation screws removed during installation will need to be reinstalled if you transport the unit later, so keep the screws in this bag.
(DEALERS: Put the removed screws in this bag and give the bag to the customer.)

Etui pour conserver les vis pour le transport
Les vis pour le transport déposées durant le montage devront être réinstallées si vous désirez transporter l'unité à une date ultérieure.
Nous vous recommandons par conséquent de conserver ces vis dans cet étui.
(A L'ATTENTION DES FOURNISSEURS: Placez les vis déposées dans cet étui et présentez celui-ci aux clients)