

**Pioneer** *sound.vision.soul*

**HD Radio™ TUNER**

**SYNTONISEUR HD Radio™**

**Owner's manual**

**Mode d'emploi**

**GEX-P10HD**



**PIONEER CORPORATION**

4-1, MEGURO 1-CHOME, MEGURO-KU

TOKYO 153-8654, JAPAN

**PIONEER ELECTRONICS (USA) INC.**

P.O. Box 1540, Long Beach, California 90801-1540, U.S.A.

TEL: (800) 421-1404

**PIONEER EUROPE NV**

Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium

TEL: (0) 3/570.05.11

**PIONEER ELECTRONICS ASIACENTRE PTE. LTD.**

253 Alexandra Road, #04-01, Singapore 159936

TEL: 65-6472-7555

**PIONEER ELECTRONICS AUSTRALIA PTY. LTD.**

178-184 Boundary Road, Braeside, Victoria 3195, Australia

TEL: (03) 9586-6300

**PIONEER ELECTRONICS OF CANADA, INC.**

300 Allstate Parkway, Markham, Ontario L3R 0P2, Canada

TEL: 1-877-283-5901

TEL: 905-479-4411

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

Blvd.Manuel Avila Camacho 138 10 piso

Col.Lomas de Chapultepec, Mexico, D.F. 11000

TEL: 55-9178-4270

先鋒股份有限公司

總公司：台北市中山北路二段44號13樓

電話：(02) 2521-3588

先鋒電子(香港)有限公司

香港九龍尖沙咀海港城世界商業中心

9樓901-6室

電話：(0852) 2848-6488

Published by Pioneer Corporation.

Copyright © 2007 by Pioneer Corporation.

All rights reserved.

Publié par Pioneer Corporation. Copyright

© 2007 par Pioneer Corporation. Tous

droits réservés.

Printed in China  
Imprimé en Chine

<49.HTAPN.001> UC

<KOKNX> <07J00000>

## Before You Start

HD Radio™ Technology Manufactured Under License From iBiquity Digital Corp. U.S. and Foreign Patents. HD Radio™ and the HD Radio logo are proprietary trademarks of iBiquity Digital Corp.

### Information to User

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

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

## English

### For Canadian model

This Class B digital apparatus complies with Canadian ICES-003.

### About this unit

This unit is an HD Radio tuner for a Pioneer head unit featuring an IP-BUS input.

- This unit is designed for use in vehicles only.

#### **WARNING**

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

#### **CAUTION**

- Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, this unit damage, smoke, and overheat could result from contact with liquids.
- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough so that you can hear sounds from outside the vehicle.
- Protect this unit from moisture.

#### **Important (Serial number)**

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

**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  
300 Allstate Parkway  
Markham, Ontario L3R 0P2  
1-877-283-5901  
905-479-4411

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

**Visit our website**

Visit us at the following site:

<http://www.pioneerelectronics.com>

- 1 Register your product. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft.
- 2 Receive updates on the latest products and technologies.
- 3 Download owner's manuals, order product catalogues, research new products, and much more.

**About this manual**

Operate this unit with the connected head unit.

This manual explains the operation method of external connection. If combined head unit controls this unit as an external unit, see this instruction manual.

If the combined head unit fully controls this unit, refer to head unit's operation manual.

We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this unit

It is especially important that you read and observe **WARNINGS** and **CAUTIONS** in this manual.

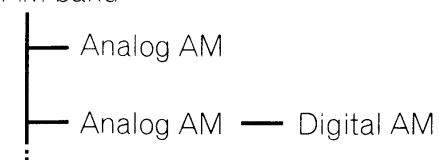
**About HD Radio broadcasting**

HD Radio broadcasting is high quality audio and data services. HD Radio broadcasting is brought to you by your local FM/AM stations.

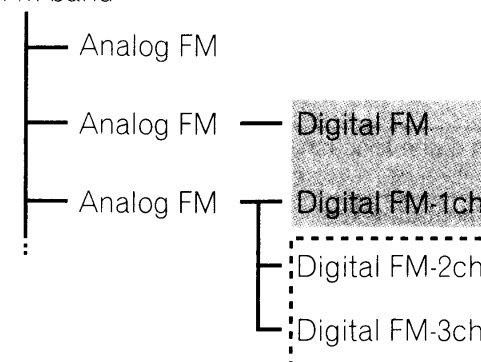
HD Radio broadcasting features the following:

- High quality audio
- FM multicasting
- Data services

AM band



FM band



■ : Main channel  
□ : Sub channel

### Using as an external unit

The following head units operate this unit as an external unit. For more details about the external unit, refer to the head unit's manual.

#### Head unit group 1

The following head units featuring **FUNCTION** button operation or **SOFT KEY** operation.

DEH-P9600MP, DEH-P5800MP, DEH-P4900MP, DEH-P4800MP, DEH-P3900MP, DEH-P3800MP, DEH-P2900MP, DEH-P960MP, DEH-P760MP, DEH-P660, DEH-P580MP, DEH-P490MP, DEH-P480MP, DEH-P390MP, FH-P5000MP, DVH-P5000MP

#### Head unit group 2

The following head units featuring **MULTI-CONTROL** operation.

DEH-P9800BT, DEH-P8600MP, DEH-P7900BT, DEH-P7800MP, DEH-P6900UB, DEH-P6800MP, DEH-P980BT, DEH-P880PRS, DEH-P860MP, DEH-P790BT, DEH-P780MP, DEH-P690UB, DEH-P680MP, DEH-P80MP, DEH-P8MP, DEH-P600UB, DEH-P6000UB, DEH-P5000UB\*1, DEH-P5000UB\*1, DEH-P4000UB\*1, DEH-P4000UB\*1, DEH-P3000IB\*1

\*1 For these models, some operations are different.

#### Head unit group 3

The following head units featuring touch panel key operation.

AVH-P7600DVD, AVH-P7800DVD, AVH-P5900DVD, AVH-P4900DVD, AVH-P5000DVD, AVH-P4000DVD

#### Head unit group 4

The following head units are navigation units featuring touch panel key operation.

AVIC-D2, AVIC-N2, AVIC-N3, AVIC-Z1, AVIC-Z2, AVIC-D3, AVIC-N4

### Function compatibility charts

#### Head unit group 1

| Controls   |  |
|--|--|
| Select HD Radio tuner as an external source          | Press <b>SOURCE</b> .                      |
| Select a band  | Press <b>BAND</b> .                        |
| To return to the frequency display                   |  |
| Perform manual tuning                                | Press ◀ or ▶.                              |
| Perform seek tuning                                  | Press and hold ◀ or ▶.                     |
| Recall radio station frequencies assigned            | Press ▲ or ▼.                              |
| Storing presets                                      | Press and hold a button 1 to 6.            |
| Select a function                                    | Press <b>FUNCTION (FUNC)</b> .             |
| Change text information                              | Press ▲ or ▼ in <b>FUNC1 (F1)</b> .        |
| Turn BSM (Best station memory) on                    | Press ▲ or ▼ in <b>FUNC2 (F2)</b> .        |
| Switching reception mode                             | Press ▲ or ▼ in <b>FUNC3 (F3)</b> .        |
| Switching local function                             | Press ▲ or ▼ in <b>FUNC4 (F4)</b> .        |
| Switching seek mode between <b>ALL</b> and <b>HD</b> | Press ◀ or ▶ in <b>AUTO/MANUAL (A/M)</b> . |

### Head unit group 2

| Controls   |  |
|--|--|
| Select HD Radio tuner as an external source          | Press <b>SOURCE</b> .  |
| Select a band  | Press <b>BAND</b> .  |
| To return to the frequency display                   |  |
| Perform manual tuning                                | Push <b>MULTI-CONTROL</b> left or right.   |
| Perform seek tuning                                  | Push and hold <b>MULTI-CONTROL</b> left or right.  |
| Recall radio station frequencies assigned            | Push <b>MULTI-CONTROL</b> up or down.  |
| Storing presets                                      | Press and hold a button 1 to 6.<br>(*1 models)<br>Select one from <b>1 KEY</b> to <b>6 KEY</b> and then continue pressing <b>MULTI-CONTROL</b> . |
| Select a function                                    | Use <b>MULTI-CONTROL</b> .   |
| Change text information                              | Press <b>MULTI-CONTROL</b> in <b>FUNC1 (F1)</b> .  |
| Turn BSM (Best station memory) on                    | Press <b>MULTI-CONTROL</b> in <b>FUNC2 (F2)</b> .  |
| Switching reception mode                             | Press <b>MULTI-CONTROL</b> in <b>FUNC3 (F3)</b> .  |
| Switching local function                             | Press <b>MULTI-CONTROL</b> in <b>FUNC4 (F4)</b> .  |
| Switching seek mode between <b>ALL</b> and <b>HD</b> | Press <b>MULTI-CONTROL</b> in <b>AUTO/MANUAL (A/M)</b> .   |

### Head unit group 3

| Controls   |  |
|--|--|
| Select HD Radio tuner as an external source          | Press <b>SOURCE</b> .                                |
| Select a band  | Touch <b>BAND</b> .                                  |
| To return to the frequency display                   |  |
| Perform manual tuning                                | Touch ◀ or ▶.  |
| Perform seek tuning                                  | Keep touching ◀ or ▶.                                |
| Recall radio station frequencies assigned            | Touch ▲ or ▼.  |
| Storing presets                                      | Keep touching one of <b>1 KEY</b> to <b>6 KEY</b> .  |
| Select a function                                    | Touch <b>A.MENU</b> and then touch <b>FUNCTION</b> . |
| Change text information                              | Touch ▲ ▼ in <b>FUNCTION 1</b> .                     |
| Turn BSM (Best station memory) on                    | Touch ▲ ▼ in <b>FUNCTION 2</b> .                     |
| Switching reception mode                             | Touch ▲ ▼ in <b>FUNCTION 3</b> .                     |
| Switching local function                             | Touch ▲ ▼ in <b>FUNCTION 4</b> .                     |
| Switching seek mode between <b>ALL</b> and <b>HD</b> | Touch ◀ or ▶ in <b>AUTO/MANUAL</b> .                 |

## Operating the HD Radio tuner

### Head unit group 4

| Controls   |  |
|--|--|
| Select HD Radio tuner as an external source          | Switch source* <sup>2</sup>                            |
| Select a band  | Touch <b>BAND</b> .                                    |
| To return to the frequency display                   |  |
| Perform manual tuning                                | Touch ◀ or ▶.  |
| Perform seek tuning                                  | Keep touching ◀ or ▶.                                  |
| Recall radio station frequencies assigned            | Touch ▲ or ▼.  |
| Storing presets                                      | Use one from <b>1 KEY</b> to <b>6 KEY</b> to register. |
| Change text information                              | Perform <b>FUNCTION 1 (F 1)</b> * <sup>2</sup>         |
| Turn BSM (Best station memory) on                    | Perform <b>FUNCTION 2 (F 2)</b> * <sup>2</sup>         |
| Switching reception mode                             | Perform <b>FUNCTION 3 (F 3)</b> * <sup>2</sup>         |
| Switching local function                             | Perform <b>FUNCTION 4 (F 4)</b> * <sup>2</sup>         |
| Switching seek mode between <b>ALL</b> and <b>HD</b> | Switch <b>AUTO/MANUAL (A/M)</b> * <sup>2</sup>         |

\*<sup>2</sup> Operations may vary depending on the product. For details, refer to operation manual supplied with your head unit.

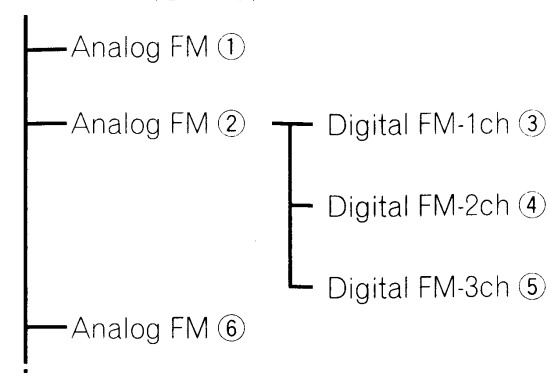
## English

### Perform manual tuning

#### Manual tuning (step by step)

Refer to Function compatibility charts.

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



### Displaying text information

#### Select the desired information.

Refer to Function compatibility charts.

Call sign or frequency—song title—  
artist name—program type

## Operating the HD Radio tuner

### Storing the strongest broadcast frequencies

BSM (best stations memory) lets you automatically store the six strongest broadcast frequencies.

#### Turn BSM on

Refer to Function compatibility charts.

- The six strongest broadcast frequencies are stored in the order of their signal strength.
- Sub channel cannot be registered.

### Switching reception mode

If a digital broadcast reception condition gets poor, this unit automatically switches to the analog broadcast of the same frequency level.

#### Switching reception mode

Refer to Function compatibility charts.

**ON**—Digital broadcast/analog broadcast automatic switching

**OFF**—Analog broadcast fixed setting

## English

### Switching local function

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

#### Turn local seek tuning on

Refer to Function compatibility charts.

FM: OFF—LEVEL 1—LEVEL 2—LEVEL 3—LEVEL 4

AM: OFF—LEVEL 1—LEVEL 2

- The LEVEL 4 setting allows reception of only the strongest stations, while lower settings let you receive regressively weaker stations.

### Switching Seek mode

Seek tuning settings can be changed.

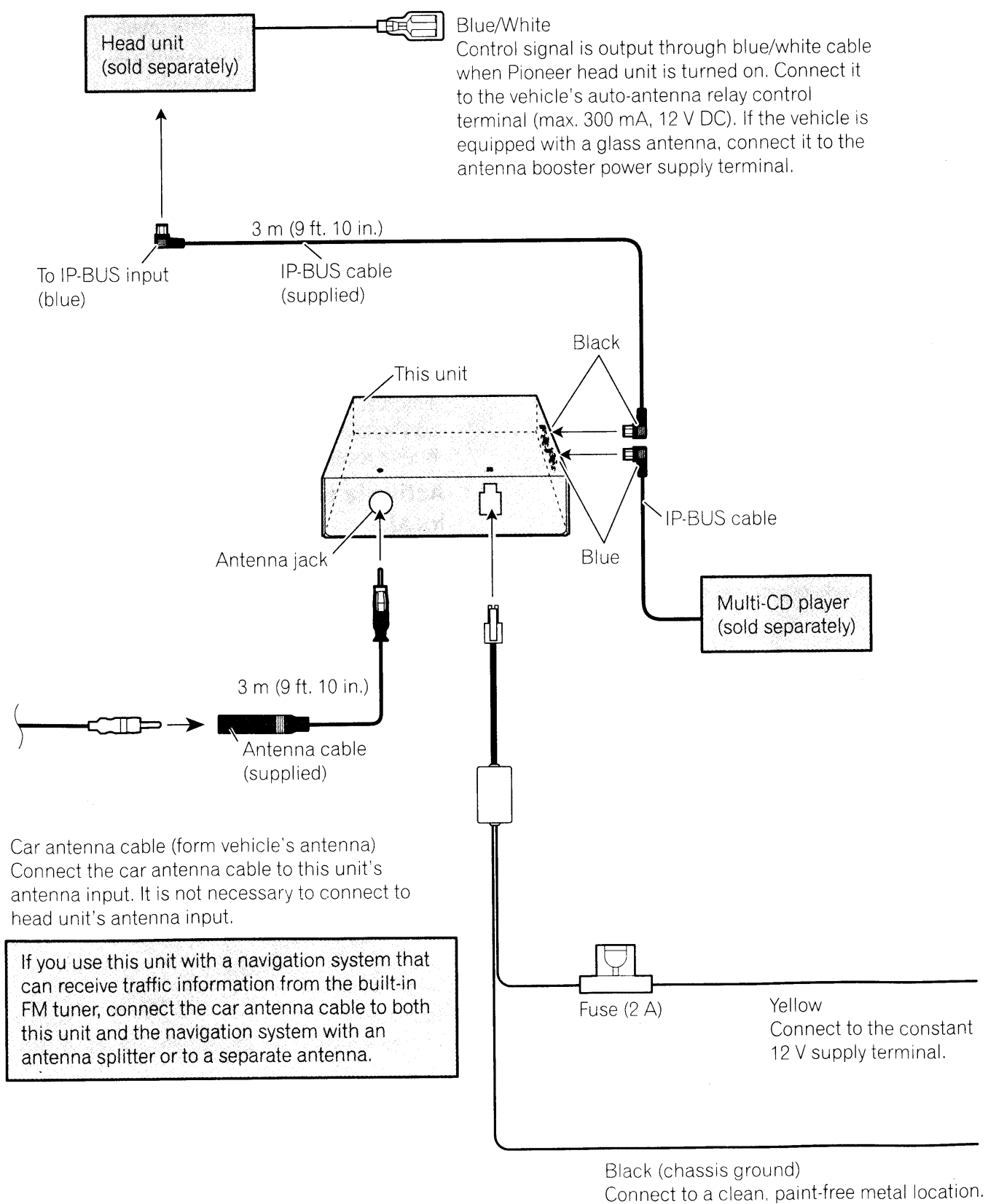
#### Select the seek mode

Refer to Function compatibility charts.

**AUTO (ALL)** —Seek tuning (normal condition)

**MANUAL (HD)** —Seek tuning (Digital broadcast stations seek)

Connecting the units



Connections

**Important**

- Use this unit in a vehicle of a 12-volt battery and negative grounding.
- To prevent 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. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.
  - Place all cables away from moving parts, such as gear shift and seat rails.
  - Place all cables away from hot places, such as near the heater outlet.
  - Do not pass the yellow cable through a hole into the engine compartment to connect to a battery.
  - Do not shorten any cables.
  - Never cut the insulation of the power cable of this unit in order to share the power to other equipment. Current capacity of the cable is limited.
  - Use a fuse of the rating prescribed.
- IP-BUS connectors are color-coded. Be sure to connect connectors of the same color.
- Place antenna cable as far away as possible from the other cables to prevent noise.
- Black cable is ground. This cable and other product's ground cable (especially, high-current products such as power amp) must be wired separately. Otherwise, fire or malfunction may result if they are accidentally detached.

Installing this unit

**Important**

- Check all connections and systems before final installation.
- Do not use unauthorized parts. The use of unauthorized parts may cause malfunctions.
- Consult with your dealer if installation requires drilling of holes or other modifications of 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.
- When mounting this unit, make sure none of the leads are trapped between this unit and the surrounding metalwork or fittings.
- Do not mount this unit near the heater outlet, where it would be affected by heat, or near the doors, where rainwater might splash onto it.

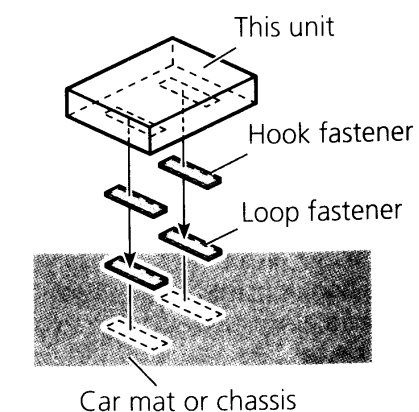
- Before drilling any mounting holes always check behind where you want to drill the holes. Do not drill into the gas line, brake line, electrical wiring or other important parts.
- If this unit installed in the passenger compartment, anchor it securely so it does not break free while the vehicle is moving, and cause injury or an accident.
- If this unit is installed under a front seat, make sure it does not obstruct seat movement. Route all leads and cords carefully around the sliding mechanism so they do not caught or pinched in the mechanism and cause a short-circuit.

Mounting with hook and loop fasteners

Thoroughly wipe off the surface before affixing the hook and loop fasteners.

- If the hook fasteners adhere to the car mat directly, you may install this unit without using the loop fasteners.

Mount this unit using the hook and loop fasteners.



## Specifications

### General

|                                   |   |
|-----------------------------------|---|
| Rated power source .....          | 14.4 V DC   |
|                                   | (allowable voltage range:<br>10.8 V to 15.1 V DC)             |
| Grounding system.....             | Negative type   |
| Max. current consumption<br>..... | 2.0 A   |
| Dimensions (W × H × D) .....      | 121 mm × 30 mm × 79 mm<br>(4-3/4 in. × 1-1/8 in. × 3-1/8 in.) |
| Weight .....                      | 350 g (0.8 lbs)   |

### Analog FM tuner

|                            |  |
|----------------------------|--|
| Frequency range .....      | 87.9 MHz to 107.9 MHz                          |
| Usable sensitivity .....   | 14 dBf (0.7 $\mu$ V/75 W, mono,<br>S/N: 30 dB) |
| Signal-to-noise ratio..... | 61 dB (IHF-A network)                          |

### Digital FM tuner

|                            |                                  |
|----------------------------|----------------------------------|
| Frequency range .....      | 87.9 MHz to 107.9 MHz            |
| Signal-to-noise ratio..... | 70 dB (IHF-A network)            |
| Frequency response.....    | 30 Hz to 15 000 Hz ( $\pm$ 3 dB) |
| Stereo separation .....    | 70 dB (at 1 kHz)                 |

### Analog AM tuner

|                            |                               |
|----------------------------|-------------------------------|
| Frequency range .....      | 530 kHz to 1 710 kHz (10 kHz) |
| Usable sensitivity.....    | 50 $\mu$ V (S/N: 20 dB)       |
| Signal-to-noise ratio..... | 58 dB (IHF-A network)         |

### Digital AM tuner

|                            |                                  |
|----------------------------|----------------------------------|
| Frequency range .....      | 530 kHz to 1 710 kHz (10 kHz)    |
| Signal-to-noise ratio..... | 70 dB (IHF-A network)            |
| Frequency response.....    | 40 Hz to 15 000 Hz ( $\pm$ 3 dB) |
| Stereo separation .....    | 70 dB (at 1 kHz)                 |



### Note

Specifications and the design are subject to possible modifications without notice due to improvements.



PIONEER ELECTRONICS (USA) INC.

PIONEER ÉLECTRONIQUES 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 ".

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

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

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

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

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

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

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

**INVALIDITÉ DE TOUTE AUTRE GARANTIE**

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

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

**SERVICE**

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

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

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

Votre société de service autorisée - Celle-ci peut réparer la plupart des produits électroniques pour l'auto et vous aviser des options supplémentaires qui pourraient s'appliquer. Veuillez accéder au site Web de Pioneer à [www.pioneerelectronics.com](http://www.pioneerelectronics.com), cliquer sur l'onglet " Service and Support " et choisir " Authorized Service Locator " pour trouver la société de service Pioneer la plus proche.

Pioneer Electronics Service - 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 :

AUX ÉTATS-UNIS

PIONEER ELECTRONICS SERVICE, INC.  
P.O. BOX 1760  
LONG BEACH, CALIFORNIA 90801  
1-800-421-1404  
<http://www.pioneerelectronics.com>

AU CANADA

GROUPE DE SATISFACTION DE LA CLIENTÈLE  
PIONEER ÉLECTRONIQUES DU CANADA, INC.  
300 ALLSTATE PARKWAY  
MARKHAM, ON L3R 0P2  
(905) 479-4411  
1-877-283-5901  
<http://www.pioneerelectronics.ca>

**RÈGLEMENT DES CONFLITS**

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

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

**AU CANADA** - Communiquez avec le directeur de la Satisfaction de la clientèle au (905) 946-7446 pour discuter de votre plainte et résoudre rapidement le problème.

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

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

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

< 46.HTAPN.003 >

Imprimé en Chine





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.

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.

PRODUCT WARRANTY PERIOD

Table with 2 columns: Parts, Labor. Row 1: Car Stereo Products, 1 Year, 1 Year.

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, DEFACTED, OR REMOVED SERIAL NUMBERS VOID THIS ENTIRE WARRANTY

NO OTHER WARRANTIES

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

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

TO OBTAIN SERVICE

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

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

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

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

Pioneer Electronics Service - 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 1-877-283-5901.

IN THE U.S.A. For hook-up and operation of your unit or to locate an Authorized Service Company, please call or write: PIONEERELECTRONICSSERVICE, INC. P.O. BOX 1760 LONG BEACH, CALIFORNIA 90801 1-800-421-1404 http://www.pioneerelectronics.com

IN CANADA For additional information on this warranty, please call or write: CUSTOMERSATISFACTIONGROUP PIONEERELECTRONICSOF CANADA, INC. 300 ALLSTATE PARKWAY MARKHAM, ON L3R 0P2 (905) 479-4411 1-877-283-5901 http://www.pioneerelectronics.ca

DISPUTE RESOLUTION

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

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

IN CANADA - Call the Customer Satisfaction Manager at (905) 946-7446 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