

# Instruction Manual

**Be sure to read this instruction manual before installing this speaker.**

**Prière de lire obligatoirement ce manuel d'installation avant de monter les haut-parleurs.**

**Antes de instalar el altavoz es importante que lea estas instrucciones.**

**Обязательно прочитайте это руководство перед подключением динамика.**

## **⚠ CAUTION**

1. Do not use the speaker independently. To avoid breakage, be sure to use the specified network.
2. Make sure lead and speaker terminals do not contact metal.
3. When making connections, refer also to the instruction manual of the car stereo used.

## **⚠ ATTENTION**

1. Ne pas utiliser le haut-parleur indépendamment. Pour éviter des dégâts, veiller à employer le réseau spécifié.
2. S'assurer que les fils et les bornes de haut-parleurs ne touchent pas une pièce métallique.
3. Le branchement s'opère après consultation de la notice d'instructions de l'autoradio qui est utilisé.

## **⚠ PRECAUCION**

1. No utilice el altavoz independientemente. Con el fin de evitar daño, asegúrese de utilizar la red especificada.
2. Asegurarse de que las terminales del altavoz y el hilo conductor no estén en contacto con el metal.
3. Para hacer la conexión consultar también el manual de instrucciones que se provee para el "reproductor".

## **⚠ ОСТОРОЖНО**

1. Не используйте динамик вне схемы. Во избежание поломки используйте только указанную схему.
2. Убедитесь, что проводка и электроконтакты динамика не соприкасаются с металлом.
3. При подключении обращайтесь также к руководству по эксплуатации автомобильной стереосистемы.

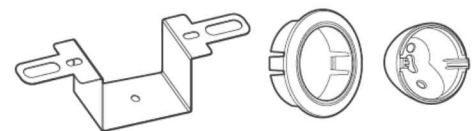
A  
series/séries

A-series speakers engineered to get loud, while maintaining smooth, low distortion sound

- Powerful and Loud sound
- Smooth frequency response and sound dispersion for superior off-axis listening
- Clear mids and highs with low distortions

Haut-parleurs de la série A conçus pour être puissants, tout en conservant un son doux et une distortion basse

- Son fort et puissant
- Réponse en fréquence fluide avec grande dispersion pour une meilleure écoute hors axe
- Des médiums et des aigus clairs et de faibles distorsions



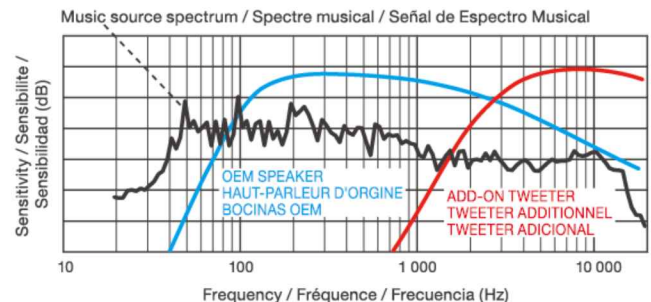
Installation kit included / Trousse d'installation incluse

## FEATURES

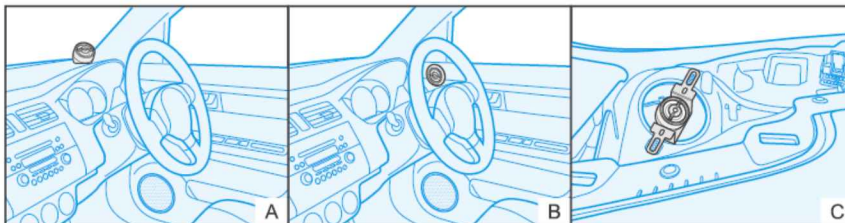
1. Polyetherimide (PEI) dome diaphragm provides clear mids and highs with low distortions
2. High energy neodymium magnet increases sensitivity while maintaining signal accuracy
3. Inline high-pass crossover network ensures smooth frequency response and easy installation
4. Multi-Fit adapters for surface, flush mount or installation in original equipment (OE) tweeter locations

## CARACTÉRISTIQUES

1. Dôme en polyéthérimide (PEI) fournit des médiums et des aigus clairs et de faibles distorsions
2. Aimant néodyme à haute énergie augmente la sensibilité tout en maintenant la précision du signal
3. Filtre passe-haut en ligne assure une réponse en fréquence fluide et une installation facile
4. Adaptateurs Multi-Fit pour installation en surface, encastré ou pour des emplacements d'origine du tweeter (OEM)



## HOW TO INSTALL ● MODE D'INSTALLATION



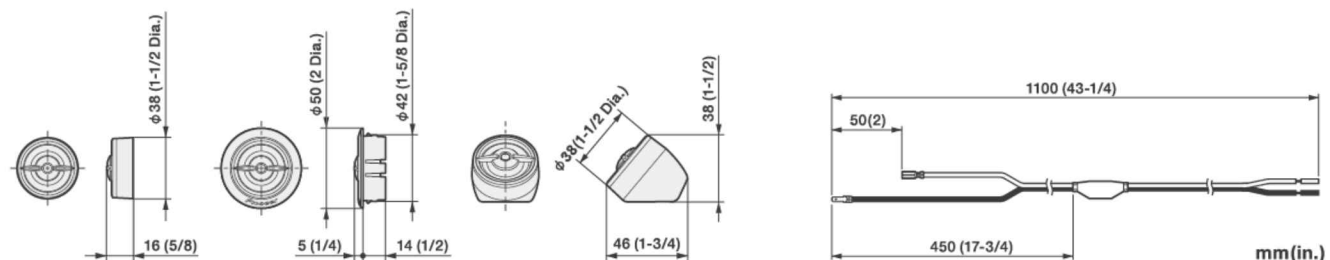
### INSTALLATION FIT GUIDE RÉFÉRENCES D'INSTALLATION

(For information about specific vehicles applications / Pour plus d'informations sur les intégrations spécifiques aux véhicules)

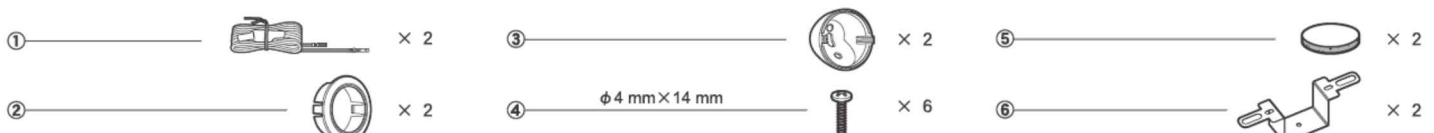


[http://www.pioneer-carglobal.com/speakerfitting-Aseries1\\_tw1](http://www.pioneer-carglobal.com/speakerfitting-Aseries1_tw1)

## DIMENSIONS ● DIMENSIONS



## PARTS INCLUDED ● PIÈCES COMPRISSES ● PIEZAS INCLUIDAS ● КОМПЛЕКТАЦИЯ





## ● SPECIFICATIONS

- Speaker specifications
  - Size .....  $\phi$  20 mm (3/4" dia.)
- Continuous power handling (RMS) ..... 100 W  
(equivalent to 4 ohms)
- Maximum music power ..... 450 W  
(equivalent to 4 ohms)
- Sensitivity ..... 90 dB (1 W/1 m)  
96 dB (1 W/0.5 m)
- Frequency response ..... 1 800 Hz to 58 000 Hz (–20 dB)
- Nominal impedance ..... 6  $\Omega$
- Crossover frequency ..... 3 800 Hz
- Cutout diameter .....  $\phi$  38 mm (1-1/2" dia.)

## ● SPÉCIFICATIONS

- Spécifications des haut-parleurs
  - Taille .....  $\phi$  20 mm
- Puissance continue (RMS) ..... 100 W  
(équivalent à 4 ohms)
- Puissance musicale maximum ..... 450 W  
(équivalent à 4 ohms)
- Sensibilité ..... 90 dB (1 W/1 m)  
96 dB (1 W/0,5 m)
- Bande passante ..... 1 800 Hz à 58 000 Hz (–20 dB)
- Impédance nominale ..... 6  $\Omega$
- Fréquence de transmodulation ..... 3 800 Hz
- Diamètre de découpe .....  $\phi$  38 mm

## ● ESPECIFICACIONES

- Especificaciones del altavoz
  - Tamaño .....  $\phi$  20 mm
- Gestión continua de la potencia (RMS) ..... 100 W  
(equivalente a 4 ohmios)
- Máxima potencia de musica ..... 450 W  
(equivalente a 4 ohmios)
- Sensibilidad ..... 90 dB (1 W/1 m)  
96 dB (1 W/0,5 m)
- Respuesta de frecuencia ..... 1 800 Hz a 58 000 Hz (–20 dB)
- Impedancia nominal ..... 6  $\Omega$
- Frecuencia de cruce ..... 3 800 Hz
- Diámetro de Corte .....  $\phi$  38 mm

## ● ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

- Технические характеристики динамика
  - Размер .....  $\phi$  20 мм
- Мощность RMS ..... 100 Вт  
(эквивалент 4 ом)
- Максимальная музыкальная мощность ..... 450 Вт  
(эквивалент 4 ом)
- Чувствительность ..... 90 дБ (1 Вт/1 м)  
96 дБ (1 Вт/0,5 м)
- Частотная характеристика ..... 1 800 Гц к 58 000 Гц (–20 дБ)
- Номинальное сопротивление ..... 6 ом
- Частота разделения ..... 3 800 Гц
- Диаметр установочного отверстия .....  $\phi$  38 мм

Do not ship your unit in for repair without contacting Pioneer first. Units sent without a return authorization number will be refused.

N'expédiez pas votre appareil pour réparation sans avoir d'abord rejoint Pioneer. Les unités envoyées sans numéro d'autorisation de retour seront automatiquement refusées.

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





PIONEER ELECTRONICS (USA) INC.

**LIMITED WARRANTY**

WARRANTY VALID ONLY IN COUNTRY OF PRODUCT PURCHASE

**WARRANTY**

Pioneer Electronics (USA) Inc. (Pioneer) warrants that Pioneer® Car Electronics, Speaker, and Accessory Products distributed by Pioneer in the U.S.A. and 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 Pioneer's option, 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 Pioneer's option.

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 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. 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. Pioneer will pay to return the repaired or replacement product to you within the country of purchase.

**PRODUCT WARRANTY PERIOD (Runs from the date of first retail sale)**

|                                                  | <u>Parts</u> | <u>Labor</u> |
|--------------------------------------------------|--------------|--------------|
| Car Electronics, Speakers, and Accessories ..... | 1 Year       | 1 Year       |

**WHAT IS NOT COVERED**

This Limited Warranty applies to Pioneer products that are purchased from an authorized Pioneer dealer. IF THIS PRODUCT WAS PURCHASED FROM ANY OTHER SOURCE, 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. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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 cosmetic scratches or any other appearance item; damage or defects resulting from alterations or modifications not authorized in writing by Pioneer; accident, collisions, misuse or abuse; the use of unauthorized parts or labor; improper installation or maintenance; lightning or 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 that would otherwise be provided without charge under this warranty obtained from any source other than Pioneer. Altered, defaced, or removed serial numbers void this warranty.

**NO OTHER WARRANTIES**

TO THE FULLEST EXTENT PERMITTED BY LAW, PIONEER MAKES NO REPRESENTATIONS OR WARRANTIES OR ACCEPTS ANY CONDITIONS WITH RESPECT TO THIS PRODUCT EXCEPT AS STATED IN THIS DOCUMENT. PIONEER LIMITS ITS OBLIGATIONS UNDER ANY IMPLIED WARRANTIES AND CONDITIONS INCLUDING, BUT NOT LIMITED TO, WARRANTIES AND CONDITIONS, WHETHER EXPRESS OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO A PERIOD NOT TO EXCEED THE WARRANTY PERIOD. NO WARRANTIES OR CONDITIONS SHALL APPLY AFTER THE WARRANTY PERIOD. Some states and provinces do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province. To the extent any provision of this limited warranty is deemed invalid or unenforceable under applicable law, such determination will have no effect on the remaining provisions, which will continue in full force and effect.

**TO OBTAIN SERVICE**

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

**Please contact one of the following 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.

Pioneer Customer Support - Can advise the optimal service option for your model and geographic location. Please call us at **1-800-421-1404** or visit **www.pioneerelectronics.com** (for USA) or **http://www.pioneerelectronics.ca** (for Canada), click on "**Support**," then select "**Contact Us**."

Your Authorized Pioneer Service Company - Can perform repairs for most Car Electronics, Speaker and Accessory products and advise other options as applicable. Please visit Pioneer's website, click on "**Support**," and select "**Find a Service Center**."

**Shipping Your Unit for Service** - YOU MUST FIRST CONTACT PIONEER TO GET RETURN AUTHORIZATION. PLEASE DO NOT SEND IN YOUR PRODUCT WITHOUT CONTACTING CUSTOMER SUPPORT. If you have a return authorization number, please package the product carefully and send it transportation prepaid by a traceable, insured method to an Authorized Pioneer Service Company or Pioneer. Use adequate padding material to prevent damage in transit. Include your name, address and a telephone number where you can be reached during business hours.

For questions about your product, please contact Pioneer Customer Support as described above or write to us at:

**Customer Support**  
**Pioneer Electronics (USA) Inc.**  
**P.O. Box 1720**  
**Long Beach, California 90801 U.S.A.**

**DISPUTE RESOLUTION**

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. In the U.S.A., you are required to use the Complaint Resolution Program before you exercise any rights under, or seek any remedies, created by the Magnuson-Moss Warranty Act but may be entitled to file suit under state law without using the Complaint Resolution Program. 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 Pioneer Dealer from which the Pioneer product was purchased. After the complaint has been explained to the representative, a resolution number will be issued. Within forty (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 Pioneer will not take any action.

RECORD THE PLACE AND DATE OF PURCHASE. KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_ Purchase Date \_\_\_\_\_

Purchased From \_\_\_\_\_