

Pioneer

TS-A120B

1500W MAX. / NOM. 500W

BASS REFLEX SUBWOOFER ENCEINTE D'EXTREME-GRAVE BASS REFLEX SUBWOOFER BASS REFLEX

**Be sure to read this instruction manual before installing this speaker.
Prière de lire obligatoirement ce manuel d'installation avant de monter le haut-parleur.
Antes de instalar el altavoz es importante que lea estas instrucciones.**

⚠ WARNING

1. Install this speaker where it will not obstruct and will not be a danger to passengers in emergency stop.
2. TO PREVENT ELECTRICAL SHOCK, FIRE AND OTHER INJURY.
Before drilling any mounting holes, make sure you do not damage anything behind, such as the gas lines, brake lines or electrical wiring.
3. Use only the parts supplied. These parts are designed to help you securely install this speaker.
4. Do not install the TS-A120B anywhere it can get wet.
5. Do not put your hand or any other thing in the duct, or injury or damage to the loudspeaker may result.
6. While driving keep your listening volume at a level which does not mask important outside traffic noises, such as emergency vehicles, etc.
7. High sound levels may cause permanent hearing loss.
8. Avoid installing in areas that are unstable or subject to frequent vibrations. There is the possibility that the equipment could become detached from such areas, resulting in damage or even injury.

⚠ AVERTISSEMENT

1. Installer ce haut-parleur à un endroit où il ne gêne pas et ne représente aucun danger aux passagers en cas d'arrêt d'urgence.
2. POUR EVITER UNE DECHARGE ELECTRIQUE, UN INCENDIE OU UNE BLESSURE.
Avant de percer des trous de montage, vérifier que rien ne sera endommagé derrière la plaque, comme une conduite d'essence, une conduite de frein ou un câblage électrique.
3. N'utiliser que les pièces fournies. Ces pièces sont conçues pour vous aider à bien installer ce haut-parleur.
4. N'installez pas le TS-A120B dans un endroit qui est humide ou qui pourrait le devenir.
5. Ne pas introduire la main ou tout autre objet par l'orifice sous peine de se blesser ou d'endommager le haut-parleur.
6. Lorsque vous conduisez, maintenez le niveau d'écoute sonore suffisamment bas de façon à pouvoir entendre les bruits extérieurs de la circulation tels que les sirènes des ambulances.
7. Des niveaux sonores trop élevés peuvent entraîner une dégradation définitive du système auditif.
8. Eviter d'installer dans des espaces qui sont instables ou soumis à de fréquentes vibrations. Il existe une possibilité que l'équipement se détache de tels endroits provoquant des dommages matériels ou même des blessures.

⚠ ADVERTENCIA

1. Instale este altavoz donde no obstruya ni sea peligroso para los pasajeros en caso de una frenada brusca.
2. PARA EVITAR DESCARGAS ELECTRICAS, INCENDIOS Y OTROS DANOS.
Antes de perforar cualquiera de los orificios de instalación, asegúrese de no dañar nada que esté detrás, tales como las líneas de gasolina, las canalizaciones de los frenos, o el cableado eléctrico.
3. Utilice exclusivamente las piezas suministradas. Estas piezas están diseñadas para facilitar la instalación segura de este altavoz.
4. No intale el TS-A120B en ninguna parte donde se pueda mojar.
5. No coloque su mano ni alguna otra cosa en el conducto, o podría causar daños o averías al altavoz.
6. Mientras conduce mantenga el volumen de audición a un nivel tal que no evite escuchar importantes ruidos de tráfico externo, tales como vehículos de emergencia u otros.
7. Altos niveles de sonido pueden causar pérdida permanente de la audición.
8. Evite instalar en sitios inestables o sujetos a frecuentes vibraciones. Es posible que el equipo se suelte de estos sitios, causando daños e incluso lesiones.

⚠ WARNING

The Safety of Your Ears is in Your Hands

Get the most out of your equipment by playing it at a safe level - a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time, your hearing "comfort level" adapts to higher volumes of sound, so what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

ESTABLISH A SAFE LEVEL:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Once you have established a comfortable sound level, set the dial and leave it there.

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

- Do not turn up the volume so high that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle; the use of headphones may create a traffic hazard and is illegal in many areas.

⚠ CAUTION

1. Install securely according to the installation instructions.
2. Wiring the speaker terminals out of phase may cause a reduction in bass output.
3. When routing leads and cords, secure them with cable retainers and electrician's adhesive tape or shrink tubing wherever they may touch sharp edges. Keep all wiring away from hot surfaces or heater outlets to prevent short circuits.
4. Refer to your car stereo's operation manual as well when installing speakers in your car.
5. When connecting these speakers with a PIONEER car stereo component's power amplifier, do not combine the left and right speaker's negative wires.
6. PIONEER recommends that this TS-A120B be used in conjunction with amplifiers whose continuous (RMS) output is lower than 500 W which is nominal input power of this TS-A120B.

⚠ ATTENTION

1. Installer solidement conformément aux instructions d'installation.
2. Une connexion des bornes du haut-parleur en dehors de la phase risque de réduire la puissance de sortie des graves.
3. Lors de l'acheminement des câbles et cordons, les fixer avec des attaches et du ruban adhésif isolant ou les placer dans des tubes lorsqu'ils peuvent toucher des bords affilés. Eloigner tout le câblage des surfaces ou sorties de chauffage pour éviter des court-circuits.
4. Pour l'installation des haut-parleurs vous pouvez consulter aussi votre manuel pour auto-stéréo.
5. Si vous branchez ces haut-parleurs sur un amplificateur de puissance de l'appareil auto-stéréo PIONEER, jamais combiner les conducteurs négatifs des haut-parleurs de droite et de gauche.
6. PIONEER recommande que ce modèle TS-A120B soit utilisé en combinaison avec des amplificateurs dont la sortie continue (RMS) est inférieure à 500 W qui est la puissance d'entrée normale du TS-A120B.

⚠ PRECAUCION

1. Realice la instalación seguramente de acuerdo con las instrucciones de instalación.
2. El cableado de los terminales del altavoz fuera de fase puede causar una reducción en la salida de bajos.
3. Cuando haga el reparto de las guías y los cables, asegúrelos con fijadores para cables y cinta adhesiva de electricista o tuberías de plástico contraído dondequiera que éstos puedan tocar bordes afilados. Mantenga todo el cableado lejos de las superficies calientes o de las salidas de calefacción para evitar cortocircuitos.
4. Al conectar estos altavoces con un amplificador de potencia componente PIONEER para estereofónico para automóvil, jamás combinar los conductores negativos de los altavoces de derecha y de izquierda.
5. Cuando instale este altavoz en su coche, consulte también con el manual de operación del estéreo de su automóvil.
6. PIONEER recomienda el uso de este TS-A120B en unión con amplificadores cuya potencia de salida continua (RMS) sea menor que 500 W que es la potencia de entrada nominal de este TS-A120B.

⚠ AVERTISSEMENT

La protection de votre ouïe est entre vos mains

Pour assurer le rendement optimal de votre matériel et - plus important encore - la protection de votre ouïe, réglez le volume à un niveau raisonnable. Pour ne pas altérer votre sens de la perception, le son doit être clair mais ne produire aucun vacarme et être exempt de toute distorsion. Votre ouïe peut vous jouer des tours. Avec le temps, votre système auditif peut en effet s'adapter à des volumes supérieurs, et ce qui vous semble un (niveau de confort normal) pourrait au contraire être excessif et contribuer à endommager votre ouïe de façon permanente. Le réglage de votre matériel à un volume sécuritaire AVANT que votre ouïe s'adapte vous permettra de mieux vous protéger.

CHOISISSEZ UN VOLUME SÉCURITAIRE:

- Réglez d'abord le volume à un niveau inférieur.
- Montez progressivement le volume jusqu'à un niveau d'écoute confortable; le son doit être clair et exempt de distorsions.
- Une fois que le son est à un niveau confortable, ne touchez plus au bouton du volume.

N'OUBLIEZ PAS DE RESPECTER LES DIRECTIVES SUIVANTES:

- Lorsque vous montez le volume, assurez-vous de pouvoir quand même entendre ce qui se passe autour de vous.
- Faites très attention ou cessez temporairement l'utilisation dans les situations pouvant s'avérer dangereuses.
- N'utilisez pas des écouteurs ou un casque d'écoute lorsque vous opérez un véhicule motorisé; une telle utilisation peut créer des dangers sur la route et est illégale à de nombreux endroits.

●FEATURES

1. Glass fiber and mica reinforced IMPP cone for low distortion and high impact bass
2. Dual-spider and rubber surround provide stability and linearity during high output
3. Powerful motor assembly with extended voice coil for powerful and accurate bass
4. Smooth and seamless integration with Pioneer A-series full-range speakers
5. Advanced engineering including CAD (Computer Aided Design) optimized for the subwoofer's performance
6. The bass reflex port is uniquely shaped to reduce port noise while producing clear and accurate bass

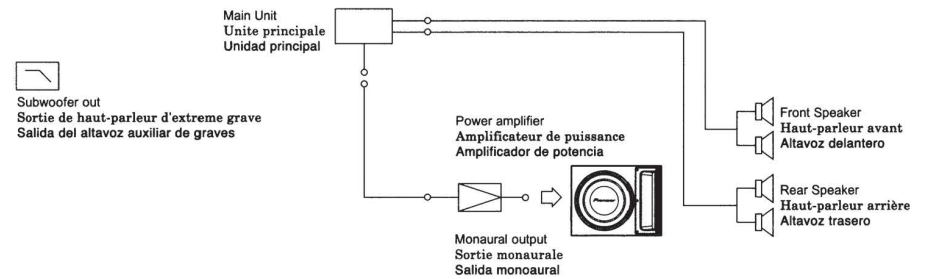
●CARACTÉRISTIQUES

1. Membrane renforcée composite IMPP pour une faible distorsion et un fort niveau de grave
2. Stabilité et linéarité à haute puissance grâce au double spider
3. Structure magnétique renforcée pour un total contrôle du grave
4. Fonctionnement optimisé avec toute la gamme série-A
5. Optimisation des performances du subwoofer par l'utilisation de la COA (Conception Assistée par Ordinateur)
6. Système bass-reflex avec évent conçu pour réduire les bruits d'air et produire des basses claires et précises

●CARACTERISTICAS

1. Cono IMPP reforzado con fibra de vidrio y mica para obtener unos bajos de alto impacto y baja distorsión
2. Construcción doble en araña y el borde de goma proporcionan estabilidad y linealidad durante el alto rendimiento
3. Incorpora un Potente Motor con una ampliada bobina móvil proporciona unos bajos potentes y precisos
4. Fácil y perfecta integración con los altavoces de rango completo de la Serie A de Pioneer
5. Ingeniería avanzada incluyendo CAD (Computer Aided Design) optimiza la respuesta del subwoofer
6. El puerto bass reflex tiene una forma única para reducir el ruido mientras se producen un claros y precisos bajos

●EXAMPLE OF CONNECTION ●EXEMPLE DE CONNEXION ●EJEMPLO DE CONEXION



●RECOMMENDATION OF LOW PASS FILTER

- The use of Low Pass filter by main unit or amplifier is recommended.
- Cut Off Frequency, 80 Hz (12 dB/Oct.) will be the most effective setting of the Low Pass Filter.

●RECOMMANDATIONS CONCERNANT LE FILTRE BASSE FREQUENCE

- L'utilisation du filtre basse fréquence par l'unité principale ou l'amplificateur est recommandée.
- La fréquence de coupure, 80 Hz (12 dB/Oct.) sera le réglage le plus efficace du filtre passe-bas.

●RECOMENDACIÓN DEL FILTRO PASABAJOS

- Se recomienda el uso del Filtro Pasabajos en la unidad principal o en el amplificador.
- La desconexión de la frecuencia, 80 Hz (12 dB/Oct.) será el ajuste más efectivo del filtro de bajo pase.

●SPECIFICATIONS

• Speaker size	φ 30 cm (12" dia.)
• Continuous power handling (RMS)	500 W
• Maximum music power	1 500 W
• Sensitivity	78 dB (1 W / 1 m) 84 dB (1 W / 0.5 m)
• Frequency response	20 Hz to 2.6 kHz (−20 dB)
• Nominal impedance	2 Ω
• Gross weight	15.3 kg (33 lb 11 oz)

Note :

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

●SPÉCIFICATIONS

• Taille de haut-parleur	φ 30 cm
• Puissance continue (RMS)	500 W
• Puissance musicale maximum	1 500 W
• Sensibilité	78 dB (1 W / 1 m) 84 dB (1 W / 0,5 m)
• Bande passante	20 Hz à 2,6 kHz (−20 dB)
• Impédance nominale	2 Ω
• Poids brut	15,3 kg

Remarque :

Suite aux améliorations apportées à ces équipements, leurs caractéristiques et leur conception peuvent être sujettes à modification sans préavis.

●ESPECIFICACIONES

• Tamaño del altavoz	φ 30 cm
• Gestión continua de la potencia (RMS)	500 W
• Máxima Potencia de musica	1 500 W
• Sensibilidad	78 dB (1 W / 1 m) 84 dB (1 W / 0,5 m)
• Respuesta de frecuencia	20 Hz a 2,6 kHz (−20 dB)
• Impedancia nominal	2 Ω
• Peso bruto	15,3 kg

Note :

Las especificaciones y el diseño están sujetos a posibles modificaciones sin aviso debido a mejoras.

Pioneer



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)

	Parts	Labor
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 _____