



160W MAX.

TS-MR1640

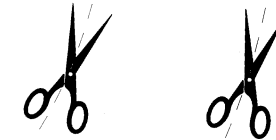
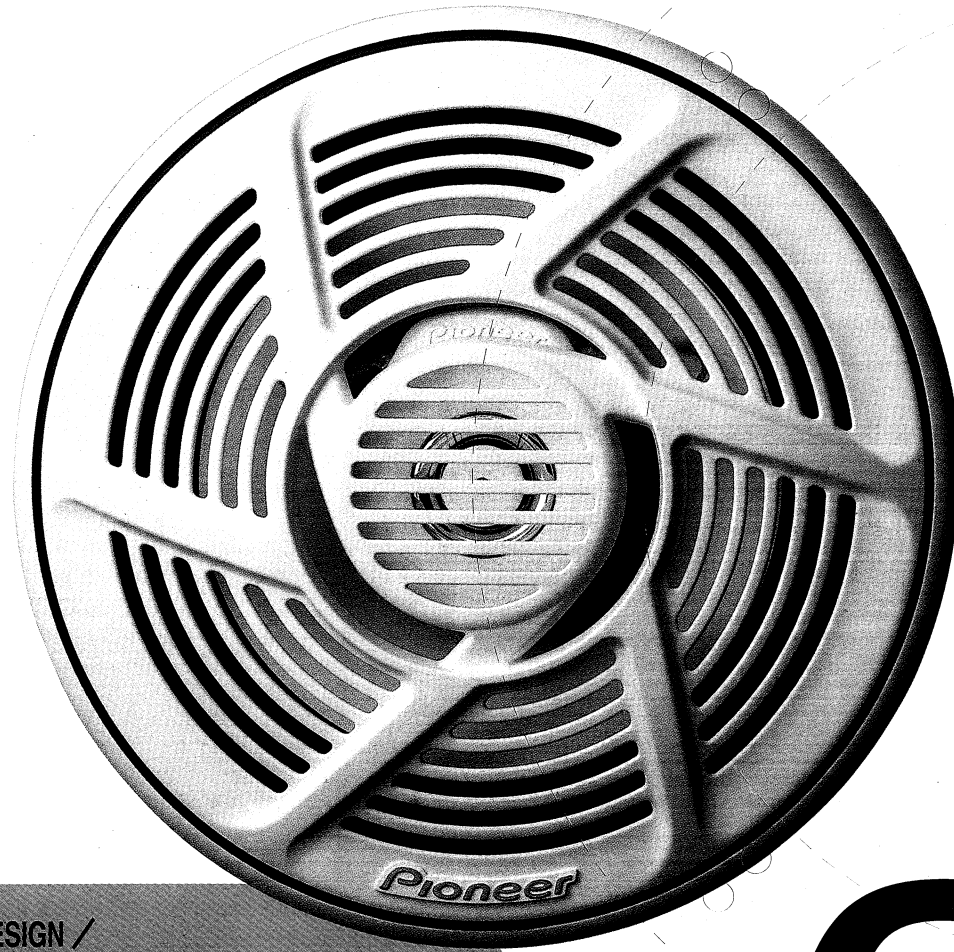
2-Way Speaker
HP 2 Voies
Altavoz 2 Vías

6-1/2"

N-A-U-T-I-C-A™



<http://www.pioneerelectronics.com>



(Cut along the dotted line to use as a mounting template.)
(Couper le long des pointillés pour utiliser comme gabarit de montage.)
(Corte a lo largo de la línea de puntos para utilizarla como una plantilla de montaje.)

- MARINE-USE WATERPROOF DESIGN /
STYLE ÉTANCHE À L'EAU POUR USAGE MARIN
- HIGH QUALITY UV AND CORROSION-RESISTANT DESIGN /
STYLE HAUTE QUALITÉ RÉSTANT UV ET CORROSION
- IMPP COMPOSITE CONE WOOFER / WOOFER CÔNE COMPOSITE IMPP
- HIGH EFFICIENCY 91dB/W (1 m) / HAUTE EFFICACITÉ 91dB/W (1 m)

Pioneer

PIONEER CORPORATION

TS-MR1640

160W MAX.

Marine-Use Speaker
6-1/2" (16cm) COAXIAL 2-WAY

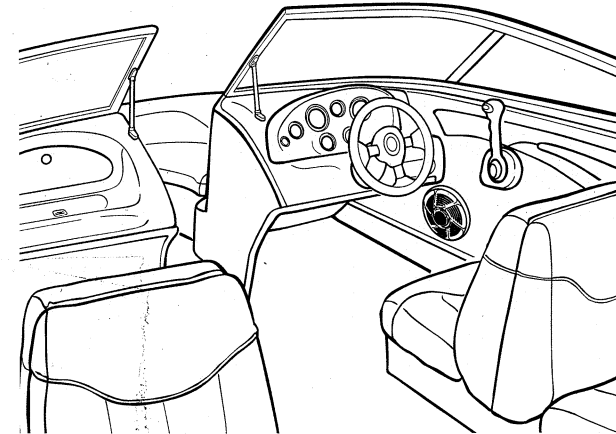
HP Marines
2 VOIES COAXIAL 16cm

Altavoz Para Botes
16cm COAXIAL DE 2 VIAS

Be sure to read this instruction manual before installing this speaker.
Prrière de lire obligatoirement ce manuel d'installation avant de monter les haut-parleurs.

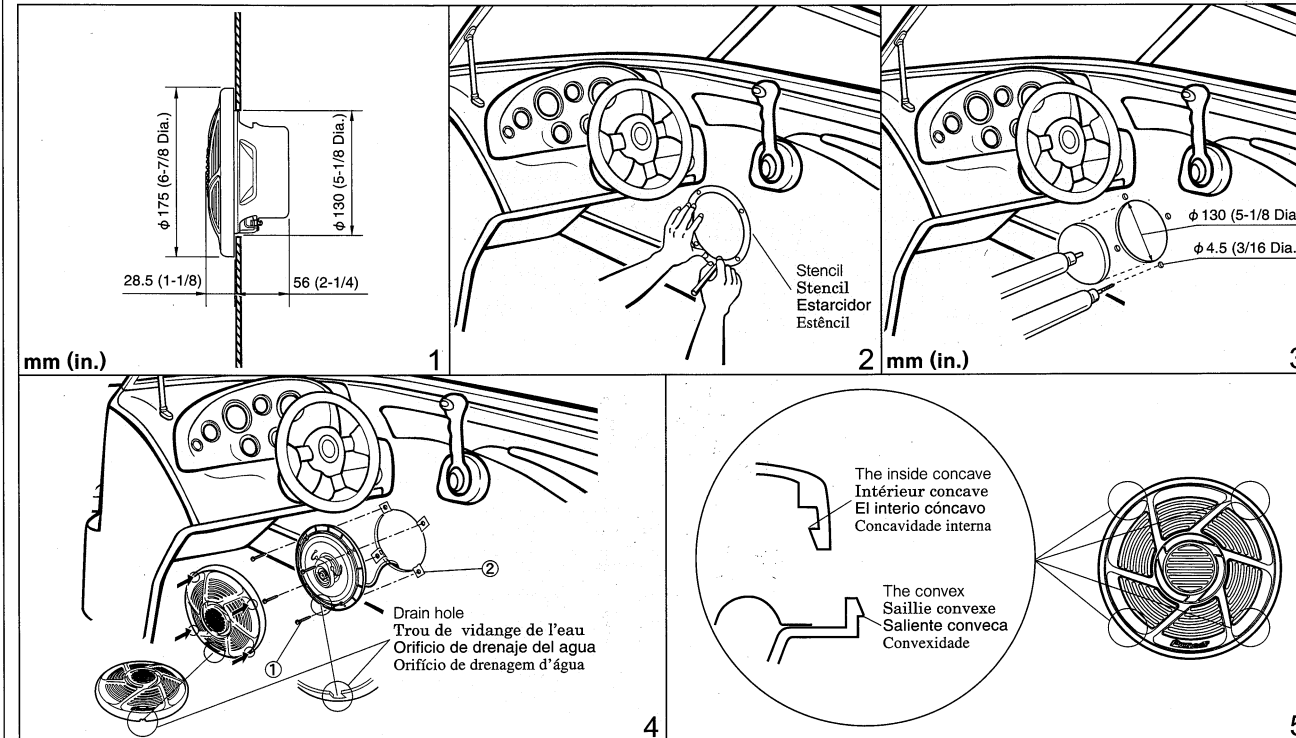
Antes de instalar el altavoz es importante que lea estas instrucciones.
Leia este manual de instruções antes de instalar o alto-falante.

- EXAMPLE OF MOUNTING
- EXEMPLE DE MONTAGE
- EJEMPLO DE MONTAJE
- EXEMPLO DE MONTAGEM

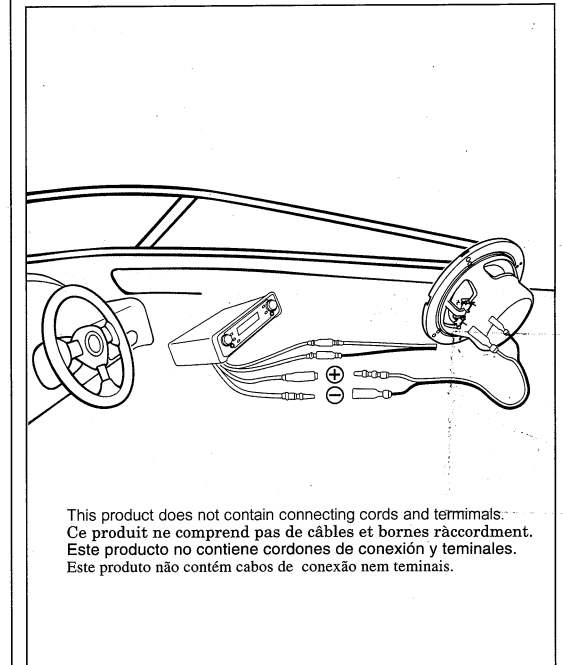


- CAUTION
Be sure to install at a place having no possible problem with the boat's safety. Consult your dealer on method of installation.
- ATTENTION
Installer à un endroit ne présentant pas de risque pour la sécurité du bateau. Consultez votre concessionnaire pour la méthode d'installation.
- PRECAUCION
Asegúrese de instalarlo en un sitio que no afecte la seguridad del bote. Consulte con su concesionario sobre el método de instalación.
- PRECAUÇÃO
Certifique-se de instalar no lugar que não provoque problemas à segurança do barco. Consulte o seu revendedor quanto ao método de instalação.

- HOW TO INSTALL
- MODE D'INSTALLATION
- INSTALACION
- COMO INSTALAR



- CONNECTIONS
- CONNEXIONS
- CONEXIONES
- CONEXÕES



This product does not contain connecting cords and terminals.
Ce produit ne comprend pas de câbles et bornes raccordement.
Este producto no contiene cordones de conexión y terminales.
Este produto não contém cabos de conexão nem terminais.

●SPECIFICATIONS

- Reproduction system Coaxial two way
- Speaker specifications
- Woofer ϕ 168mm (6-1/2" Dia.)
Water-resistant
Injection-molded polypropylene cone
Weatherproof & high-compliance, rolled edge
Heat-resistant voice coil
Gold-plated terminal
- Tweeter ϕ 27mm (1" Dia.) Dome speaker
Magnetic fluid
Strontium magnet : 21 g (0.7 oz)
- Nominal impedance 4 Ω
- Maximum music power 160W
- Nominal power 30W
- Grille material UV Resistant resin
- Weight (per speaker including accessory parts) 1.02 kg (2 lb 4 oz)
- Gross weight (2 speakers including packaging) 2.20 kg (4 lb 14 oz)

●CARACTERISTIQUES

- Système de reproduction Coaxial à 2 voies
- Spécifications des haut-parleurs
- HP Grave ϕ 168mm
Résistant à l'eau
Cône en polypropylène moulé par injection
Bord arrondi à grande flexibilité et résistant aux intempéries
Bobine mobile résistante à la chaleur
Bornes plaquées or
Conducteur flexible plaqué or
Aimant en strontium : 250 g
- HP Aigu ϕ 27mm Haut-parleur à dôme
Fluide magnétique
Aimant en strontium : 21 g
- Impédance nominale 4 Ω
- Puissance musicale maximum 160W
- Puissance nominale 30W
- Matériau de grille Résine résistante UV
- Poids (par haut-parleur pièces accessoires comprises) 1,02 kg
- Poids brut (2 haut-parleurs emballage compris) 2,20 kg

●ESPECIFICACIONES

- Sistema de reproducción Coaxial de 2 vías
- Especificaciones del altavoz
- Woofer ϕ 168mm
A prueba de agua
Cono polipropilénico moldeado por inyección
Borde laminado a prueba de intemperie y de gran doilidad
Bobina de voz resistente al calor
Terminal enchapado en oro
Cable conductor flexible bañado con oro
Imán de estroncio : 250 g
- Tweeter ϕ 27mm Altavoz de techo
Fluido magnético
Imán de estroncio : 21 g
- Impedancia nominal 4 Ω
- Máxima potencia de musica 160W
- Potencia nominal 30W
- Material de la rejilla Resina resistente a rayos ultravioletas
- Peso (por altavoz incluyendo accesorios) 1,02 kg
- Peso bruto (2 altavoces incluyendo embalaje) 2,20 kg

●ESPECIFICAÇÕES

- Sistema de reprodução Rota dupla coaxial
- Especificações do alto-falante
- Woofer ϕ 168mm
Resistente à água
Cone de polipropileno moldado a injeção
Borda arredondada, à prova de intempéries e com alta flexibilidade
Bobina de voz resistente ao calor
Terminal folheado a ouro
Fio condutor flexível folheado a ouro
Magneto de estrôncio : 250 g
- Tweeter ϕ 27mm Altofalante de cúpula
Fluido magnético
Magneto de estrôncio : 21 g
- Impedância nominal 4 Ω
- Potência máxima de música 160W
- Potência nominal 30W
- Material de tela Resina resistente a raios ultravioletas
- Peso (por alto-falante incluindo peças acessórias) 1,02 kg
- Peso bruto (2 alto-falantes incluindo empacotamento) 2,20 kg

Register your product at / Enregistrez votre produit au : <http://www.pioneerlectronics.com>

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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: Product Type, Parts, Labor. Row: Car Stereo Products, 1 Year, 1 Year.

The warranty period for retail customers who rent the product commences upon the date product is first put into use (a) during the rental period or (b) retail sale, whichever occurs first.

WHAT IS NOT COVERED

IF THIS PRODUCT WAS PURCHASED FROM AN UNAUTHORIZED DISTRIBUTOR, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND THIS PRODUCT IS SOLD STRICTLY "AS IS" AND "WITH ALL FAULTS".

PIONEER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL AND/OR INCIDENTAL DAMAGES.

PIONEER DOES NOT WARRANT ANY PRODUCT LISTED ABOVE WHEN IT IS USED IN A TRADE OR BUSINESS OR IN ANY INDUSTRIAL OR COMMERCIAL APPLICATION.

THIS WARRANTY DOES NOT APPLY IF THE PRODUCT HAS BEEN SUBJECTED TO POWER IN EXCESS OF ITS PUBLISHED POWER RATING.

THIS WARRANTY DOES NOT COVER DISPLAY SCREENS DAMAGED BY STATIC, NON-MOVING, IMAGES APPLIED FOR LENGTHY PERIODS (BURN-IN).

THIS WARRANTY DOES NOT COVER THE CABINET OR ANY APPEARANCE ITEM, USER ATTACHED ANTENNA, ANY DAMAGE TO RECORDS OR RECORDING TAPES OR DISCS, ANY DAMAGE TO THE PRODUCT RESULTING FROM ALTERATIONS, MODIFICATIONS NOT AUTHORIZED IN WRITING BY PIONEER, ACCIDENT, MISUSE OR ABUSE, DAMAGE DUE TO LIGHTNING OR TO POWER SURGES, SUBSEQUENT DAMAGE FROM LEAKING, DAMAGE FROM INOPERATIVE BATTERIES, OR THE USE OF BATTERIES NOT CONFORMING TO THOSE SPECIFIED IN THE OWNER'S MANUAL.

THIS WARRANTY DOES NOT COVER THE COST OF PARTS OR LABOR WHICH WOULD BE OTHERWISE PROVIDED WITHOUT CHARGE UNDER THIS WARRANTY OBTAINED FROM ANY SOURCE OTHER THAN A PIONEER AUTHORIZED SERVICE COMPANY OR OTHER DESIGNATED LOCATION. THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGE CAUSED BY THE USE OF UNAUTHORIZED PARTS OR LABOR OR FROM IMPROPER MAINTENANCE.

ALTERED, DEFACED, OR REMOVED SERIAL NUMBERS VOID THIS ENTIRE WARRANTY

NO OTHER WARRANTIES

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.

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 (EXCEPT CAR SPEAKERS SOLD IN THE U.S.A. ONLY)

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

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

Should your car speaker require service please return it to your retail 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.

On all complaints and concerns in the U.S.A. call Customer Support at 1-800-421-1404, or, in Canada, call Customer Satisfaction at (905) 479-4411.

IN THE U.S.A.

For hook-up and operation of your unit or to locate an Authorized Service Company, please call or write:

CUSTOMER SUPPORT DIVISION
PIONEER ELECTRONICS (USA) 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:

CUSTOMER SATISFACTION GROUP
PIONEER ELECTRONICS OF CANADA, INC.
300 ALLSTATE PARKWAY
MARKHAM, ON L3R 0P2
(905) 479-4411
1-877-283-5901

http://www.pioneerelectronics.com

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.

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.

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

< TRD1128-B >
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