

Operating Instructions





• Please read these instructions (including "Limited Warranty" and "Customer Services Directory") carefully before using this product and keep this manual for future reference

Panasonic Safety Information

Read the operating instructions for the unit and all other components of your car audio system carefully before using the system. They contain instructions about how to use the system in a safe and effective manner. Panasonic assumes no responsibility for any problems resulting from failure to observe the instructions given in this

This pictograph intends to alert you to the presence of important operating instructions and installation nstructions. Failure to heed the instructions may

Observe the following warnings when using this

ullet The driver should neither watch the display nor operate

er from looking ahead of the vehicle and can cause accidents.

Always stop the vehicle in a safe location and use the parking

brake before watching the display or operating the system.

Do not insert any foreign objects into the slot of this unit.

uct yourself. If the product needs to be repaired, consult your

If the unit is out of order (no power, no sound) or in an abnormal

state (has foreign objects in it, is exposed to water, is smoking, or

Refer fuse replacement to qualified service personnel.

with the fuse prescribed for this unit by a qualified service engi-

neer. Incorrect replacement of the fuse may lead to smoke, fire,

smells), turn it off immediately and consult your dealer.

tery systems, especially a 24 V DC battery system.

□ Do not disassemble or modify the unit.

dealer or an authorized Panasonic Servicenter

 \beth Do not use the unit when it is out of order.

result in severe injury or death.

A Warning

the system while driving.

Use the proper power supply.

Protect the Deck Mechanism.

and damage to the product.

This pictograph intends to alert you to the presence of important operating instructions and installation instructions. Failure to heed the instructions may result in Caution

This manual uses pictographs to show you how to use the product

safely and to alert you to potential dangers resulting from improper

explained below. It is important that you fully understand the mean-

ings of the pictographs in order to use this manual and the system

connections and operations. The meanings of the pictographs are

injury or material damage.

Observe the following warnings when installing. Disconnect the lead from the negative (-) battery terminal before installation.

Wiring and installation with the negative (-) battery terminal con-

nected may cause electrical shock and injury due to a short circui Some cars equipped with the electrical safety system have specific FAILURE TO FOLLOW THE PROCEDURE MAY LEAD TO THE **UNINTENDED ACTIVATION OF THE ELECTRICAL SAFETY SYSTEM**

Watching the display or operating the system will distract the driv-RESULTING IN DAMAGE TO THE VEHICLE AND PERSONAL INJURY OR DEATH ⊇ Never use safety-related components for installation, luct is designed for operation with a negative grounded

ındina, and other such functions.

12 V DC battery system. Never operate this product with other bat-Do not use safety-related vehicle components (fuel tank, brake, suspension, steering wheel, pedals, airbag, etc.) for wiring or fixing the product or its accessorie ☐ Installing the product on the air bag cover or in a location

where it interferes with airbag operation is prohibited. Do not disassemble, modify the unit or attempt to repair the prod- \beth Check for piping, gasoline tank, electric wiring, and other items before installing the product.

If you need to open a hole in the vehicle chassis to attach or wire the product, first check where the wire harness, gasoline tank, and electric wiring are located. Then open the hole from outside if pos-

Never install the product in a location where it interferes with your field of vision. When the fuse blows out, eliminate the cause and have it replaced □ Never have the power cord branched to supply other equipment with power.

> lacktriangle After installation and wiring, you should check the normal operation of other electrical equipment. The continuation of their using in abnormal conditions may cause fire electrical shock or a traffic accident

> $oldsymbol{\square}$ In the case of installation to an airbag equipped car, con firm warnings and cautions of the vehicle manufacturer \beth Make sure the leads do not interfere with driving or get

ting in and out of the vehicle. lacktriangle Insulate all exposed wires to prevent short circuiting.

∕!\ Caution

moisture, or dust.

Observe the following cautions when using this

☐ Keep the sound volume at an appropriate level Keep the volume level low enough to be aware of road and traffic conditions while driving.

□ Installation Angle □ This unit is designed for use exclusively in automo-

 \Box Do not operate the unit for a prolonged period with the enaine turned off. Operating the audio system for a long period of time with the engine turned off will drain the battery

□ Do not expose the unit to direct sunlight or excessive Otherwise these will raise the interior temperature of the unit and it may lead to smoke, fire, or other damage to the unit ☐ Do not use the product where it is exposed to water,

Exposure of the unit to water, moisture, or dust may lead to smoke, fire, or other damage to the unit. Make especially sure that the unit does not get wet in car washes or on rainy days. Observe the following cautions when installing.

Refer wiring and installation to qualified service per-Installation of this unit requires special skills and experience. For maximum safety, have it installed by your dealer. Panasonic is not liable for any problems resulting from your own installation

☐ Follow the instructions to install and wire the product. Not following the instructions to properly install and wire the product could cause an accident or fire

□ Take care not to damage the leads.

When wiring, take care not to damage the leads. Prevent them from getting caught in the vehicle chassis, screws, and moving parts such as seat rails. Do not scratch, pull, bend or twist the leads. Do not run them near heat sources or place heavy objects on them. If leads must be run over sharp metal edges, protect the leads by winding them with vinyl tape or similar protection. Use the designated parts and tools for installation.

Use the supplied or designated parts and appropriate tools to install the product. The use of parts other than those supplied o designated may result in internal damage to the unit. Faulty installation may lead to an accident, a malfunction or fire. □ Do not block the air vent or the cooling plate of the unit.

Blocking these parts will cause the interior of the unit to overheat and will result in fire or other damage.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF

PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY

DO NOT OPEN COVERS AND DO NOT REPAIR BY YOURSELF

□ Do not install the product where it is exposed to strong vibrations or is unstable.

Avoid slanted or strongly curved surfaces for installation. If the nstallation is not stable, the unit may fall down while driving and this can lead to an accident or injury.

The product should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°. The user should bear in mind that in some areas there may be restrictions on how and where this unit must be installed.

Consult your dealer for further details. ☐ Wear gloves for safety. Make sure that wiring is completed before installation.

☐ To prevent damage to the unit, do not connect the power connector until the whole wiring is completed. Do not connect more than one speaker to one set of speaker leads. (except for connecting to a tweeter)

Before Reading These Instructions

requests by visiting our Web Site at:

http://www.panasonic.com/support

You may also contact us directly at:

http://www.panasonic.com/contactinfo

or, contact us via the web at:

1-800-211-PANA (7262)

Accessory Purchases:

http://www.pasc.panasonic.con

npcparts@panasonic.com

Panasonic Services Company

Express, and Personal Checks)

Service in Puerto Rico

Panasonic Puerto Rico, Inc.

Panasonic Sales Company

Carolina Puerto Rico 00985

Factory Servicenter:

or, send your request by E-mail to:

You may also contact us directly at:

(Monday-Friday 9 am to 8 pm, EST.)

20421 84th Avenue South, Kent, WA 98032

Phone (787) 750-4300, Fax (787) 768-2910

1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)

(We accept Visa, MasterCard, Discover Card, American

(For hearing or speech impaired TTY users, TTY: 1-866-605-)

Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park,

Panasonic welcomes you to our constantly growing family of electronic products owners. We endeavor to give you the advantages of precise electronic and mechanical engineering, manufactured with carefully selected components, and assembled by people who are proud of the reputation their work has built for our company. We know this product will bring you many hours of

enjoyment, and after you discover the quality, value and reliability we have built into it, you too will be proud to be a member of our family.

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Servicenter; purchase Parts

and Accessories; or make Customer Service and Literature Our Customer Care Centre:

> 1-800 #: 1-800-561-5505 (905) 238-2360 Fax #: Email link: "Contact Us" on www.panasonic.ca

Monday-Friday 9 am-9 pm; Saturday-Sunday 10 am-7 pm, Authorized Servicentre at www panasonic ca-

For hearing or speech impaired TTY users, TTY: 1-877-833-Link: "Servicentres™ locator" under "Customer support"

IF YOU SHIP THE PRODUCT TO A SERVICENTRE Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

original purchase.

WARRANTY SERVICE FOR PRODUCT OPERATION ASSISTANCE, please contact

LIMITED WARRANTY Telephone #: (905) 624-5505 LIMITED WARRANTY COVERAGE

If your product does not work properly because of defects in materials and workmanship. Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor") will, for the length of the period indicated in the chart below, which starts with the date of original pur

One Panasonic Way, Secaucus, New Jersey 07094

Ave. 65 de infanteria, Km. 9.5, San Gabriel Industrial Parl Carolina, Puerto Rico 00985

PANASONIC AUTO PRODUCTS

Speakers
Defective Car Audio Speakers under warranty
must be exchanged at the place of purchase.
Contact your Dealer for details.

Panasonic Web Site: http://www.panasonic.com

LIMITED WARRANTY LIMITS AND EXCLUSIONS

Audio Components (except items listed below) One (1) Year One (1) Year

MXE Series Audio Components (except items Two (2) Years Two (2) Years

Accessories (in exchange for defective items) | Ninety (90) Days | Not Applicable

For assistance in Puerto Rico, call Panasonic Sales Company (787)-750-4300 or fax (787)-768-2910.

This warranty ONLY COVERS failures due to defects in materials and

workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred

during shipment, failures which are caused by products not supplied by

the warrantor, failures which result from accident, misuse, abuse, neg-

lect, bug infestation, mishandling, misapplication, alteration, faulty instal-

lation, set-up adjustment, maladjustment of consumer control, improper maintenance, improper antenna, inadequate signal reception or pickup,

power line surge, improper voltage supply, lightning, modification, com-

ble, travel to and from the sevicer, and loss of media, data or other men

(.) ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE

WARRANTY OF MERCHANTABILITY. ARE LIMITED TO THE PERIOD OF

mercial use (such as use in hotels, offices, restaurants, or other business uses) or rental use of the product, or service by anyone other than the

During the "Labor" warranty period, there will be no charge for labor

DIVISION OF PANASONIC PUERTO RICO. INC

FOR PRODUCT REPAIRS, please locate your nearest hase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or refurbished product. The decision to repair or replace will be made by the warrantor Categories Parts Labor

Carefully pack and send prepaid, adequately insured and preferably in the original carton

Include details of the defect claimed, and proof of date of

If non-rechargeable batteries are included, they are not warranted. This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purother proof of the original purchase date is required for warranty service CARRY-IN OR MAIL-IN SERVICE

Some states do not allow the exclusion or limitation of incidental or con PANASONIC CONSUMER ELECTRONICS COMPANY DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA

quential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you

WARRANTY ARE YOUR RESPONSIBILL

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product

develops during or after the warranty period, you may contact your deal er or Servicenter. If the problem is not handled to your satisfaction, ther

write to warrantor's Consumer Affairs Department at the addresses of the

PARTS AND SERVICE WHICH ARE NOT COVERED BY THIS LIMITED

Customer's Record

One (1) Year Not Applicable

During the "Parts" warranty period, there will be no charge for parts. You PANASONIC PRODUCT LIMITED WARRANTY must carry-in or mail-in your product prepaid during the warranty period Panasonic Canada Inc. warrants this product to be free from defects in

chaser of a new product which was not sold "as is". A purchase receipt o period as stated below from the date of original purchase CAR AUDIO PRODUCT - ONE (1) YEAR, PARTS AND LABOUR For Carry-In or Mail-In Service in the United States, call 1-800-211-PANA

(The labour to install or remove the product is not warranted)
ACCESSORIES - NINETY (90) DAYS, (IN EXCHANGE FOR DEFECTIVE

materials and workmanship and agrees to remedy any such defect for a

LIMITATIONS AND EXCLUSIONS

This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially. Dry cell batteries are also excluded from coverage under this warranty. This warranty is extended to the original end user purchaser only. A pu chase receipt or other proof of the original purchase date is required before warranty service is performed

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WAR-RANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WAR-RANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY

der selection order/file playback order

Folder Selection

—☑③ In the order 1 – 8

In the order 🎵

File Selection

technician from Factory Servicenter or other authorized service centers, or damage that is attributable to acts of God. SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. In certain instances, some jurisdictions do not allow the exclusion or lin itation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time

Specifications

: DC 12 V (11 V – 16 V DC), test voltage Less than 2.2 A (CD mode; 0.5 W x 4 :50 W x 4 channels (at 1 kHz), volume : Bass: ±12 dB at 100 Hz Tone adjustment range Γreble: ±12 dB at 10 kHz Pre-amp output voltage :2.5 V (CD mode, 1 kHz, 0 dB) Pre-amp output impe Dimensions (W x H x D) :178 x 50 x 155 mm

{7" x 1 15/16" x 6 2/16"}

1.3 kg {2 lbs. 14 oz}

Disc Player

Pick-up type Wave length Frequency response Signal to noise ratio Wow and flutter

1 bit DAC System : Astigma 3-beam

: 20 Hz - 20 kHz (±1 dB) otal harmonic distortion : 0.01 % (1 kHz) : Below measurable limits Channel separation

Accessories nstruction kit

(English: YFM284C606CA) rançais: YFM284C607CA) (Español: YFM284C608CA) Q'ty: 1 set nstallation Instructions (YFM294C071CA) Owners Information Card

name is the part number for maintenance and service. Accessories and their part numbers are subject to modification without prior notice due to improvements.

 Mounting Collar and Trim Plate are mounted on the main unit at shipment.

Panasonic Consumer Electronics Company **Division of Panasonic Corporation of North America** One Panasonic Way, Secaucus, New Jersey 07094

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http://www.panasonic.com

Rico, Inc. ("PSC") Ave. 65 de Infanteria, Km. 9.5 San Gabriel Industrial Park.

Carolina, Puerto Rico 00985 http://www.panasonic.com

Division of Panasonic Puerto

5770 Ambler Drive. Mississauga, Ontario L4W 2T3 http://www.panasonic.ca

Panasonic Canada Inc.

YFM284C606CA PTW1206-1106 Printed in China

Preparation

:55 dB Image rejection ratio :100 dB :62 dB Signal/noise ratio

Usable sensitivity

FM Stereo Radio

50 dB quieting sensitivity

Alternate channel selectivity

requency response

Frequency range

Usable sensitivity

Stereo separation

bove specifications comply with EIA standards. 18 W RMS x 4 Channels at 4 Ω and $\leq 1\%$

85 dBA (reference: 1 W into 4 Ω)

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

Some figures and illustrations in this manual may be different

:87.9 MHz - 107.9 MHz :11.0 dBf. (75 Ω)

 $:30 \text{ Hz} - 15 \text{ kHz} (\pm 3 \text{ dB})$

:530 kHz - 1 710 kHz

:15.2 dBf. (75 Ω

:35 dB (1 kHz)

Operating Instructions **Power Connector** (YGAJ021012)

uest for use of the Removable Face Plate Case • The number in parentheses underneath each accessory part To avoid trouble and ensure

safety, use the optional Removable Face Plate Case (YFC054C061ZB)



Q'ty: 1

Q'ty: 1

Q'ty: 1

"ADJUST" is displayed before adjusting the clock. Hold down [<] or [>] to change numbers rapidly.

Hour blinks. 3 Adjust the hour. FM | Hour entered. [>]: sets the hour ahead. [<]: sets the hour back. 4 Press [DISP] (CLOCK). Minute blinks. **5** Adjust the minute. FM | Minute entered.

2 Press [SRC] (PWR: Power).

Press [DISP] (CLOCK).

seconds

The 12-hour system is used for the clock.

☐ ☐ ☐ (clock display)

Set your car's ignition switch to the ACC or ON position

[>]: sets the minute ahead. [<]: sets the minute back.

> 6 Press [DISP] (CLOCK). Completed

Clock Display at Power Off Press [DISP] to change the display. 2 Hold down [DISP] (CLOCK) for more than 2

Clock display

Maintenance

THIS PRODUCT UTILIZES A CLASS I LASER.

RESULT IN HAZARDOUS RADIATION EXPOSURE.

REFER SERVICING TO QUALIFIED PERSONNEL

∕!\ Caution

Your product is designed and manufactured to ensure the minimum of maintenance. Use a soft cloth for routine exterior cleaning. Never use benzine, thinner, or other solvents.

If the replaced fuse fails, contact your nearest authorized Panasonic Servicenter

A Warning

• Use fuses of the same specified rating (15 A). Using substitutes or fuses with higher ratings, or connecting the unit directly without a fuse could cause fire or damage to the unit. If the replaced fuse fails, contact your nearest authorized Panasonic Servicenter.

This unit is equipped with a removable face plate. Removing this face plate makes the unit totally inoperable.

 This face plate is not waterproof. Do not expose it to water or excessive moisture Do not remove the face plate while driving your car. Do not place the face plate on the dashboard or nearby areas where the temperature rises high. Turn off the power.

3 Pull it out toward you.

∕!\ Caution

 If dirt or other foreign substances get on the contacts, wipe them off with a clean and dry cloth.

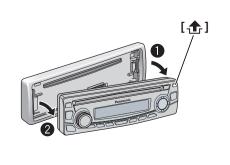
"click" is heard.

Do not touch the contacts on the face plate and the main

1 Slide the left side of the face plate in place.

2 Press the right end of face plate until a

unit, since this may result in poor electrical contact.



2 Press [1. The face plate will open.

Part 15 of the FCC Rules

The following applies only in the U.S.A.

Any unauthorized changes or modifications to this equipment

would void the user's authority to operate this device.

Notes on Discs

If you use commercial CDs, they must have either of these labels shown at right. Some copy-protected music CDs are not

plavable.

Do not scratch on the disc.

Do not bend the disc.

Dirty, dusty and damp areas On seats and dashboards

Use a dry, soft cloth to wipe from the center outward.

recorded using CD recorders (CD-R/RW drives), either due to their recording characteristics or dirt, fingerprints, scratches, etc. on the disc surface. CD-R/RW discs are less resistant to high temperatures and

inside a car for extended periods may damage them and make playback impossible.

This player cannot play the CD-R/RW discs which contain other than CD-DA data or MP3. Be sure to observe the instructions of the CD-R/RW disc for handling it.

cording MP3 files on a CD-media

ing a disc that contains both CD-DA files and MP3 files. If CD-DA files are on the same disc as MP3 or files, the songs may not play in the intended order, or some songs may not play at all.

folder on a disc. The name of MP3 file should be added by rules as shown in the following descriptions and also comply with the rules of each file system

Sampling frequency 16, 22.05, 24 kHz You may encounter trouble in playing MP3 files or displaying the information of MP3 files recorded with certain writing software or CD recorders.

Printed side

Labels created by a printer,

Disc with adhered

depending on the file format

Compression formats

MP3 files" on the right.)

MPEG 1 audio laver 3

Bit rate: 32 k-320 kbps

Sampling frequency:

MPEG 2 audio laver 3

Bit rate: 8 k-160 kbps

32. 44.1. 48 kHz

ISO 9660 Level 1/Level 2. Apple Extension to ISO 9660. Joliet.

Note: Apple HFS, UDF 1.50, MIX mode CD, CD Extra is not

(**Recommendation:** "Points to remember when making

stickers or tape

Protective films or sheets

How to hold the disc Do not touch the underside of the disc.

 When not in use, keep the disc in a case. Do not leave discs in the following places: In direct sunlight

Disc cleaning

Do not write on the disc label with a hallnoint pen or other hard-point pens. • You may have trouble playing back some CD-R/RW discs • The file extension ".mp3" should be assigned to each file

 This unit does not have the play list function. Although Multi-session recording is supported, the use of Disc-at-Once is recommended. high humidity than ordinary music CDs. Leaving them Supported file systems

Some CD-R/RWs cannot be played back successfully due to incompatibility among writing software, a CD recorder (CD-R/RW drive) and the discs. This player cannot play the CD-R/RW discs if the session is

You are recommended to minimize the chances of mak-

Do not record files other than MP3 files and unnecessary

©

Discs with cracks,

scratches or parts missing

Irregularly shaped discs

mended for high quality sounds. because playing time is not displayed properly and sound may be skipped.

It is recommended to set the bit rate to "128 kbps or

more" and "fixed"

∕!\ Caution

Display Information

Displayed items

CD-TEXT

Disc title

Track title

 Maximum depth of trees: 8 Maximum number of folders: 255 (Boot folder is includ-

presence or absence of an MP3 file. nearest MP3 files in the order of playback will be played.

 Playback order may be different from other MP3 players even if the same disc is used.

"ROOT" appears when displaying the root folder name.

Album name Title name/Artist name

MP3 (ID3 tag)

■ MP3 Folder name File name

Displayable characters

 Displayable length of file name/folder name: within 32 characters. (Unicoded file and folder names are reduced by half in the number of displayable characters.)

ware for details. ASCII character set and special characters in each lanquage can be displayed.

into an asterisk (X).

 With some software in which MP3 format files have been encoded, the character information may not be displayed

Undisplayable characters and symbols will be converted

Notes on MP3

Note: MP3 encoding and writing software is not supplied with this unit.

Points to remember when making MP3 files • High bit rate and high sampling frequency are recom-Selecting VBR (Variable Bit Rate) is not recommended.

The playback sound quality differs depending on the encoding circumstances. For details, refer to the user manual of your own encoding software and writing soft-

a file that is not in the MP3 format. This may

not only produce noise from the speaker dam-

age, but also damage your hearing.

Maximum number of files/folders

 Maximum number of files: 999 Maximum number of files in one folder: 255 Never assign the ".mp3", file name extension to

-7

• This unit counts the number of folders irrespective of the If the selected folder does not contain any MP3 files, the

It is prohibited by copyright laws to copy, distribute and deliver copyrighted materials such as music without the approval of copyright holder except enjoying yourself per-

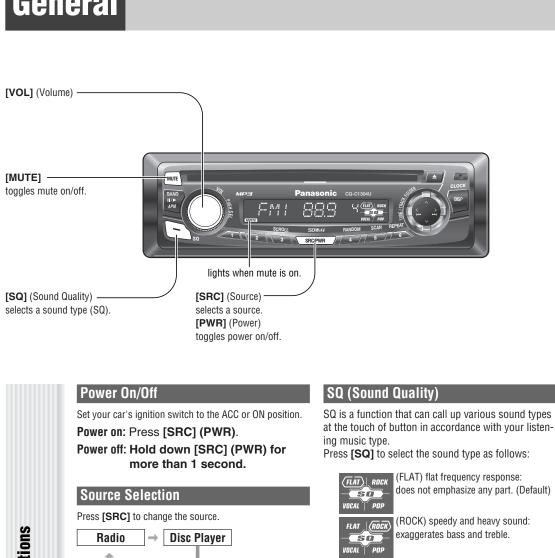
No warranty

Above description complies with our investigations as of September 2006. It has no warranty for reproducibility and displayability of MP3.

Name files and folders in accordance with the standard of each file system. Refer to the instructions of writing soft-

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

Download from Www.Somanuals.com. All Manuals Search And Download.



(Setting Range: 0 to 40, Default: 18) Turn [VOL].

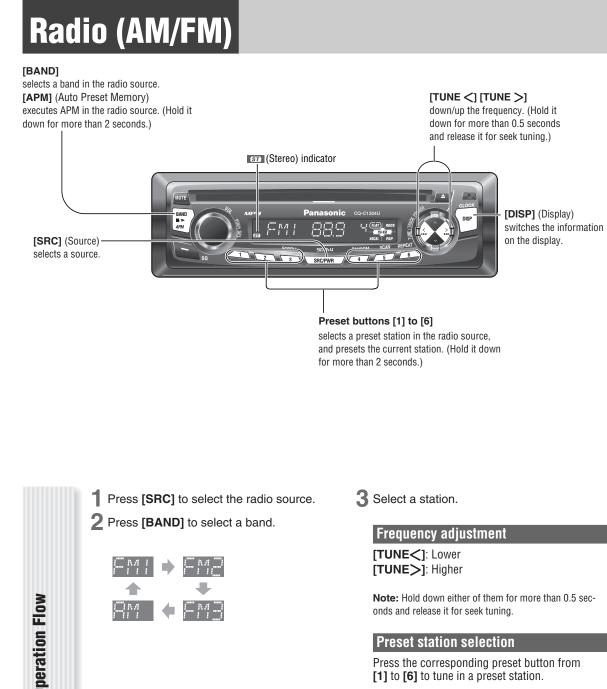
Note: Settings of SQ, bass and treble are influenced one another. If such an influence causes distortion to the audio signal, readjust bass/treble or volume. ON: Press [MUTE]. (MUTE lights.)

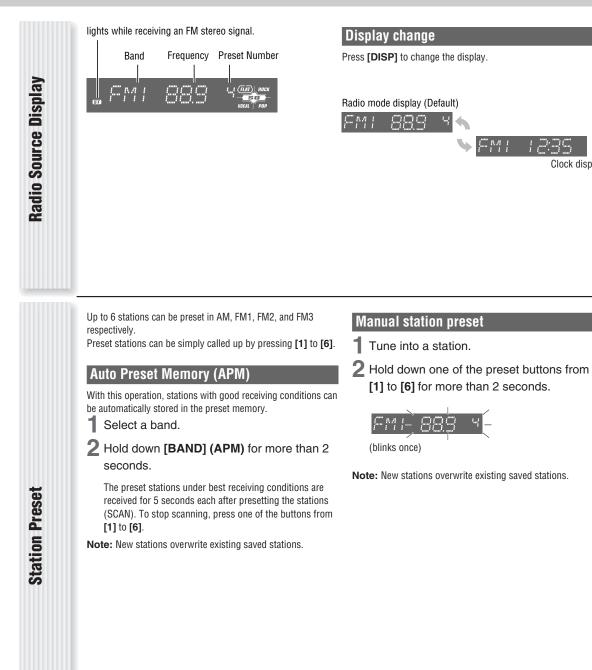
POP) wide-ranged and deep sound:

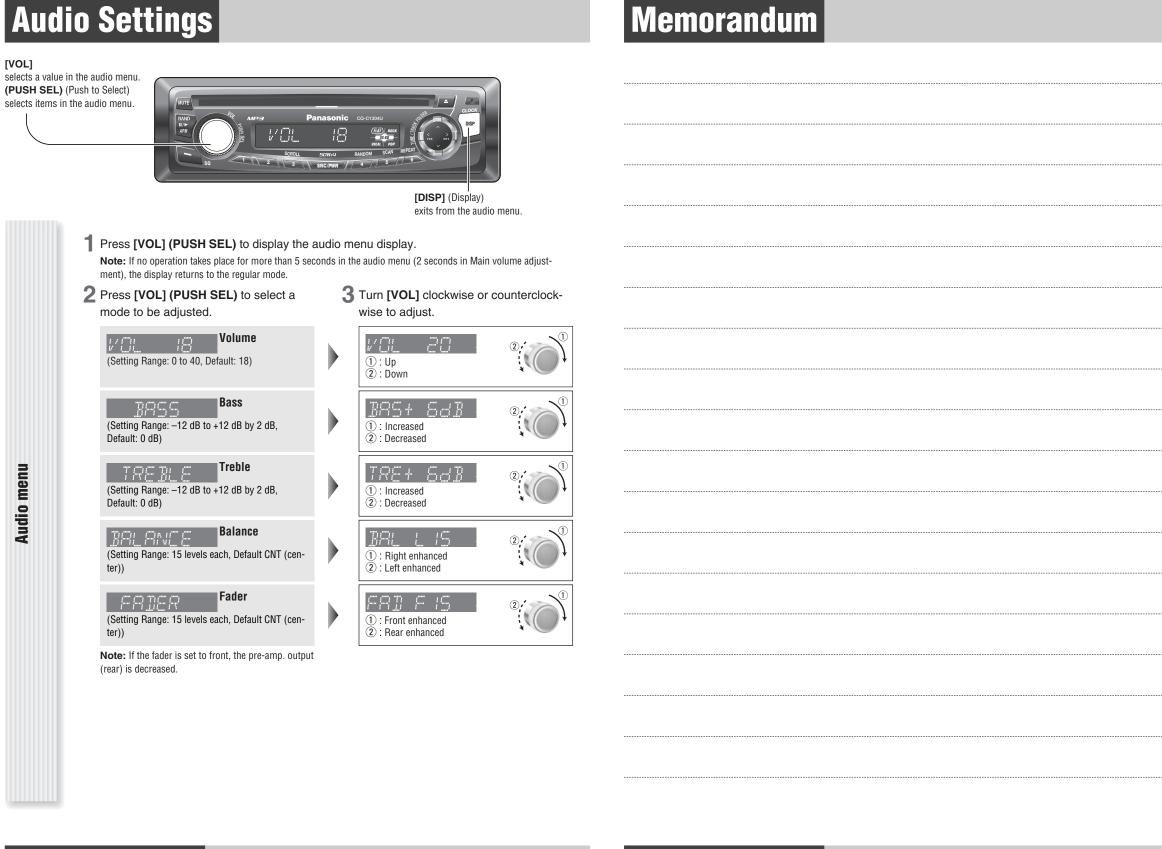
ghtly emphasizes bass and treble.

emphasizes middle tone and slightly

(VOCAL) clear sound: emphasizes middle tone emphasizes treble.

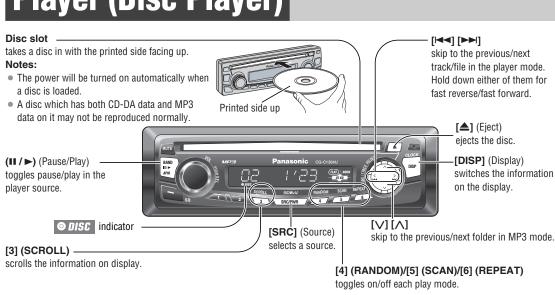






Player (Disc Player)

0FF: Press [MUTE] again.



⚠ Caution • Do not insert a disc when the indicator lights. • If you insert an 8 cm (3") disc and cannot eject it, turn the • Refer to the section of "Notes on Discs" and "Notes ignition key to the ACC OFF position once and turn the key to the ACC ON position again, then press [] (Eject). • This unit does not support 8 cm (3") discs. • Do not insert foreign objects into the disc slot.

> 1 Press [SRC] to select the Disc Player 2 Select a desired portion.

Track/file selection Press [►] / [►]. Note: To perform fast forward/reverse, hold down either of them.

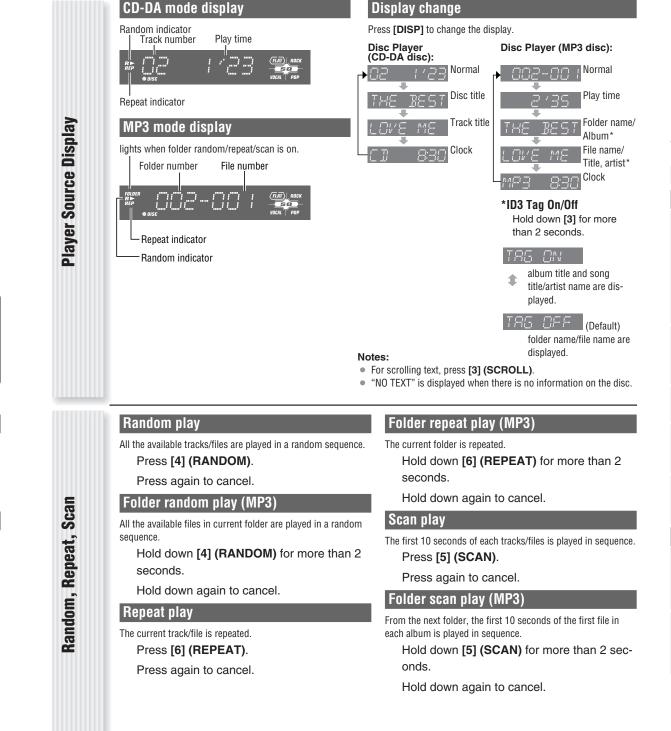
Disc Player (CD-DA disc): Previous/next track Disc Player (MP3 disc): Previous/next file

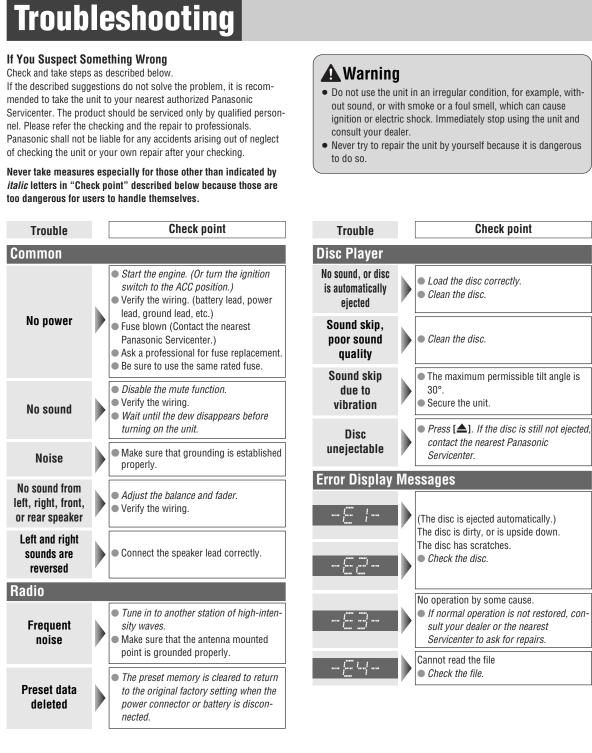
Folder selection (MP3) Disc Player (MP3 disc):

Skip to the previous/next folder.

Press [BAND] (II /►). Press again to cancel.

Press $[\]/[\]$.







Panasonic

MP3 CD Player/Receiver Récepteur/lecteur CD avec lecture MP3 Reproductor de CD y MP3/receptor

Model: CQ-C1304U

☐ This installation information is designed for professional installers with knowledge of automobile electrical safety systems and is not intended for non-technical, do-it-yourself individuals. It does not contain instructions on the electrical installation and avoidance of potential harm to air bag, anti-theft and ABS braking or other systems necessary to install this product. Any attempt to install this product in a motor vehicle by anyone other than a professional installer could cause damage to the electrical safety system and could report to produce the context of the electrical safety system and could report the electrical safety system and could repo result in serious personal injury or death, ☐ If your car is equipped with air bag and/or anti-theft systems, specific procedures may be required for connection and disconnection of the battery to install this product. Before attempting installation of this electronic component against the manufacturer's

▲ WARNING/AVERTISSEMENT/ADVERTENCIA

recommendation, you must contact your car dealer or manufacturer to determine the required procedure and strictly follow their TRAILURE TO FOLLOW THE PROCEDURE MAY RESULT IN THE UNINTENDED DEPLOYMENT OF AIR BAGS OR ACTIVATION OF THE ANTI-THEFT SYSTEM RESULTING IN DAMAGE TO THE VEHICLE AND PERSONAL INJURY OR DEATH.

☐ Les informations concernant cette installation sont destinées aux techniciens professionnels, compétents dans le domaine des systèmes de sécurité électrique pour automobiles et ne sont pas destinées aux bricoleurs ou aux personnes non professionnelles. Elles ne contiennent pas d'instructions sur les installations électriques ni d'avertissements sur les dangers potentiels des coussins gonflabes et des systèmes antivol, de freinage ABS ou autres, avertissements qui sont indispensables pour installer cet appareil. Toute tentative d'installer cet appareil dans un véhicule par une personne autre qu'un installateur professionnel pourrait endommager

le système de sécurité électrique, et pourrait provoquer des blessures physiques graves, voire la mort.

Si votre voiture est équipée de coussins gonflables et(ou) d'un systéme antivol, des procédures spécifiques sont parfois requises pour la connexion et la déconnexion de la batterie pour installer cet appareil. Avant de tenter malgré tout l'installation de ce composant électronique contrairement aux recommandations du fabricant, vous devez entrer en contact avec votre concessionnaire ou votre fabricant automobile pour déterminer la procédure requise et vous conformer strictement à leurs instructions.

LE FAIT DE NE PAS SUIVRE CETTE PROCÉDURE PEUT PROVOQUER UN DÉPLOIEMENT DES COUSSINS GONFLABLES OU L'ACTIVATION DU SYSTÈME ANTIVOL POUVANT ENDOMMAGER LE VÉHICULE OÙ PROVOQUER DES BLESSURES PHYSIQUES, VOIRE LA MORT.

□ La información de instalación va dirigida a instaladores profesionales con conocimientos de los sistemas de seguridad eléctricos de los automóviles y no se ha preparado para individuos sin conocimientos técnicos. No contiene instrucciones sobre la instalación eléctrica ni advertencias relacionadas con los posibles daños en los airbag, sistema antirrobo y de frenos ABS, ni otros sistemas, que pueden causarse al intentar instalar este producto. Cualquier intento de instalar este producto en un vehículo motorizado por parte de una persona que no sea un instalador cualificado podrá causar daños en los sistemas eléctricos de seguridad, pudiendo causar

una persona que no sea un instalador cualificado podra causar danos en los sistemas electricos de seguridad, pudiendo causar heridas graves o incluso la muerte.

Si su automóvil está provisto de sistemas de airbags y/o antirrobo, pueden resultar necesarios unos procedimientos específicos para conectar y desconectar la batería a fin de instalar este producto. Antes de intentar instalar este componente electrónico en contra a las recomendamos del fabricante, deberá ponerse en contacto con el concesionario o fabricante de su automóvil para determinar el procedimiento requerido y deberá seguir estrictamente sus instrucciones.

SI NO SIGUE EL PROCEDIMIENTO INDICADO PUEDE RESULTAR EN QUE SE INFLEN ACCIDENTALMENTE LOS AIRBAG O SE ACTIVE EL SISTEMA ANTIRROBO, RESULTANDO EN DAÑOS EN EL VEHÍCULO Y HACIÉNDOLE CORRER EL PELIGRO DE HERIDAS PERSONALES O DE MUERTE.

Before Installation/Avant l'installation/ Antes de la instalación

Consult a professional for installation. Verify the radio using the antenna and speakers before installation.

Entrez en contact avec un spécialiste pour le montage. Vérifiez l'autoradio avant de procéder au montag Para realizar la instalación consulte a un profesional. ■Verifique el funcionamiento de la radio empleando la antena v los

●Mounting angle right to left : horizon front to rear : 0 − 30°

altavoces antes de realizar la instalación

· horizontal Angle de montage latéral longitudinal Ángulo de montaje Lado a lado Delante a atrás : horizontal : 0 – 30°

Póngase guantes para mayor seguridad.

Securing to fire wall

Fijación a la pared cortafuegos

Using the rubber bushing ③ Using the rear support strap (Optional)
Utilisation de la bague en caoutchouc ③ Utilisation de la barrette de support arrière (en optior Empleo de la correa de soporte trasera (opcional)

nal nut (Optional) Ecrou hexagonal (en option) Tuerca hexagonal (opcional)

Mounting Bolt 2

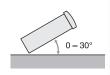
To the unit

Fixation au tablier

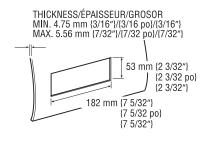
Support arrière (fourni avec votre voiture)

eléctricas antes de realizar la instalación

Asegúrese de haber completado todas las conexiones



Dashboard/Tableau de bord/Tablero de instrument



Before Wiring/Avant le câblage/ Antes de realizar las conexiones

Exclusively operated with 12 V battery with negative (-)

Connect the power lead (red) last.

Connect the battery lead (yellow) to the positive (+) terminal of the battery or fuse block terminal (BAT)

Strip about 5 mm {1/4"} of the lead ends for connection. Apply insulating tape to bare leads.

Alimentez l'appareil exclusivement avec une batterie de

12 volts avec sa polarité négative (-) mise à la masse. Raccordez le fil d'alimentation (rouge) en dernier.

à la borne (BAT) de la boîte à fusibles. Dénudez les extrémités de fil de 5 mm {1/4 po} environ pour

Conecte exclusivamente una alimentación de batería

Conecte el cable de la alimentación (rojo) en último lugar. Conecte el cable de la batería (amarillo) al terminal positivo (+) de la batería o al terminal (BAT) del

Pele unos 5 mm {1/4"} de los extremos del cable para efectuar la conexión.

Please refer to the "WARNING" statement above.

ground.

Reportez-vous à l'"AVERTISSEMENT" ci-dessus.

Connectez le fil (jaune) à la borne positive (+) de la batterie ou

la connexion.

Recouvrez les fils nus d'un ruban isolant.

Consulte el apartado "ADVERTENCIA" arriba mencionado.

de 12 voltios con el negativo (-) a tierra.

bloque de fusibles.

Ponga cinta aislante en los cables



Installation Instructions **Instructions dinstallation** Instrucciones de instalación



MP3

- •Please read these instructions carefully before using this product and keep this manual for future reference.
- ●Prière de lire ces instructions attentivement avant d'utiliser le produit et garder ce manuel pour l'utilisation ultérieure.
- •Lea con atención estas instrucciones antes de utilizar el producto y guarde este manual para poderlo consultar en el futuro.

Supplied Hardware/Matériel d'installation/Accesorios suministrados							
No.	ltem	Diagram	Q'ty	No.	Item	Diagram	Q'ty
1	Mounting Collar Cadre de montage Collar de montaje FX0214C384ZB	22.50	1	4	Lock Cancel Plate Plaque anti-blocage Placa de cancelación de bloqueo *		2
2	Mounting Bolt (5 mm ø) Boulon de fixation (5 mm ø) Perno de montaje (5 mm ø) *		1	5	Power Connector Connecteur d'alimentation Conector de alimentación YGAJ021012		1
3	Rubber Bushing Bague en caoutchouc Buje de goma *	(1	6	Trim Plate Plaque de garniture Placa de guarnición YFC054C081ZA		1

* ②, ③ and ④ consist of a set. (ZZBISC1101U-J) * ②, ③ et ④ constituent un jeu. (ZZBISC1101U-J) * ②, ③ y ④ forman un juego. (ZZBISC1101U-J)

Panasonic Consume **Electronics Company** Corporation of North America One Panasonic Way, Secaucus, New Jersey 07094

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YFM294C071CA PTW1206-1106

How to remove the unit/Retrait de l'appareil/ Extracción de la unidad

Printed in China Imprimé en Chine Impreso en China

Remove the face plate.

Retirez le panneau

Extraiga la placa del

panel.

Installation/Montage/Instalación

How to install the unit/Mode de montage de l'appareil/Instalación de la unidad **⚠** Caution Remove the cable from the battery negative terminal. Wear gloves for safety. Make sure that wiring is completed before installation. ⚠ Précaution Mounting collar (1) insertion. Bend mounting tabs. Portez des gants à des fins de sécurité. Assurez-vous que le câblage est terminé avant l'installation. ⚠ Precaución

Retirez le câble de la borne négative de la batterie. Extraiga el cable del terminal negativo de la batería.

Insertion du cadre de montage ①. Pliez les languettes de Inserción del collar de montaje ①. Doble las lengüetas de

Connection of power connector (5). Raccordement du connecteur d'alimentation 5. Conexión del conector de alimentación 5.



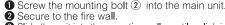
Bend appropriate tabs to secure the unit without backlash.

Repliez les languettes de fixation appropriées pour immobiliser l'appareil sans contrecoup.

Doble las lengüetas apropiadas para fijar la







3 Slide the unit into the mounting collar until a click is heard. Securing the unit.

Fixation de l'appareil 1 Vissez le boulon de fixation 2 dans l'appareil principal.

Main unit securing

principal

Fiiación de la

Trim plate 6 mounting

Montaje de la placa de guarnición 6

garniture 6

Locking point

Point d'encliquetage

Punto de acoplamiento

Installation de la plaque de

Battery Cable reconnection

Rebranchement du câble

Reconexión de cables

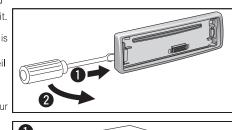
unidad principal

2 Fixez l'arrière au tablier.
3 Faites coulisser l'appareil dans le câdre de montage jusqu'à ce qu'un déclic soit entendu pour

1 Enrosque el perno de montaje 2 en la unidad principal.

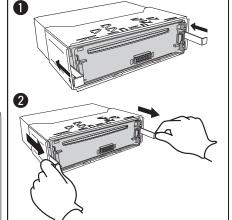
Fíjelo a la pantalla cortafuegos.

3 Deslice la unidad al collar de montaje hasta oír un sonido seco de confirmación. Fijación de la



Remove the trim plate 6. Enlevez la plaque de garniture 6.

Extraiga la placa de quarnición 6.



Lock release 1 Insert the lock cancel plate

2 Pull the main unit. Libération du verrouillage

4) until vou hear a click

Introduisez la plaque anti-blocage jusqu'à entendre

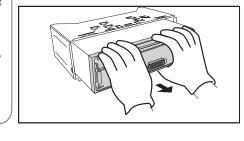
Dégagez l'appareil principal. Desbloqueo

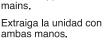
hasta oír un sonido seco de 2 Tire de la unidad principal

Inserte la placa de cancelación de bloqueo ④

Pull out the unit with 4 both hands.

Retirez l'appareil à deux





⚠Caution

When this unit is installed in dashboard, ensure that there is sufficient air flow around the unit to prevent damage from overheating, do not block any ventilation holes on the unit.

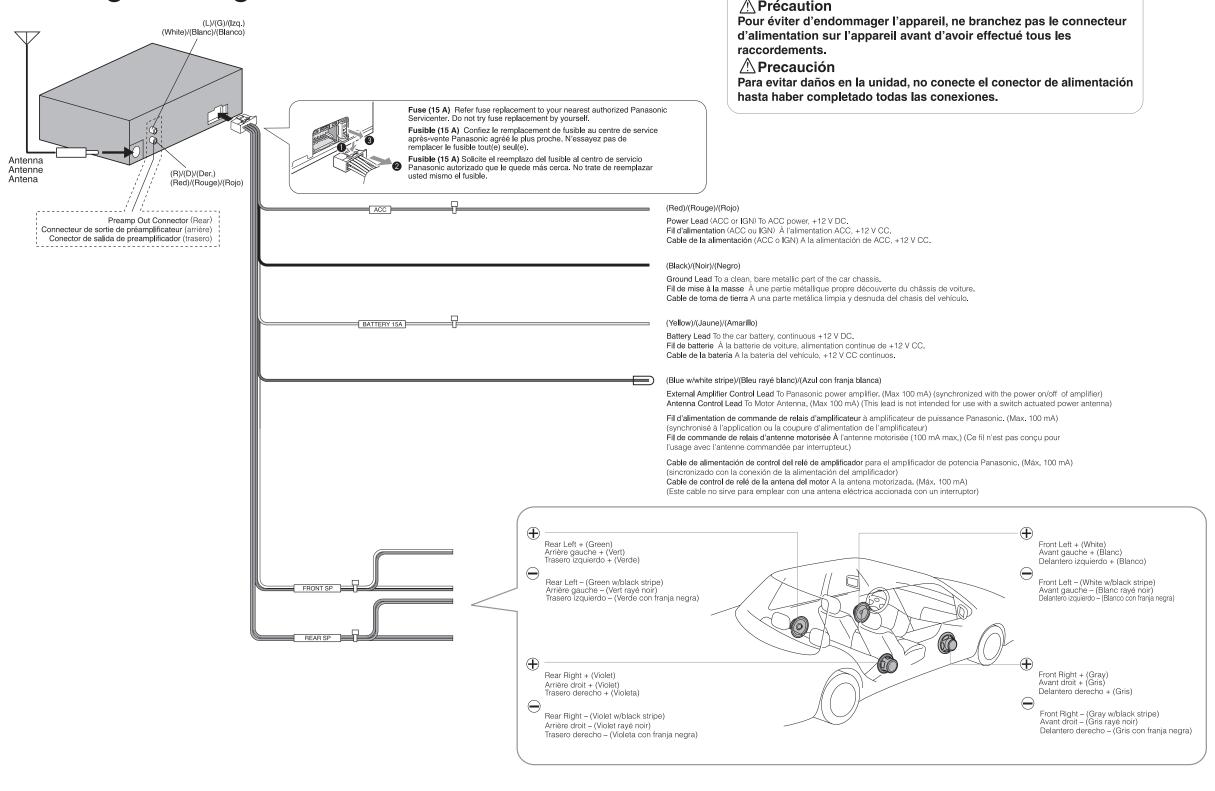
⚠ Précaution

Lorsque cet appareil est installé dans le tableau de bord, assurez-vous qu'il y a une circulation d'air suffisante autour de l'appareil afin d'éviter tout endommagement provoqué par une surchauffe et qu'aucun trou d'aération de l'appareil n'est obturé.

∕ Precaución

Cuando instale esta unidad en el tablero de instrumentos, asegúrese de que haya suficiente ventilación de aire en torno a la unidad para evitar daños debidos al sobrecalentamiento, y no obstruya ningún orificio de ventilacion de la unidad.

Wiring/Câblage/Conexiones eléctricas



Final Installation/Installation finale/ Instalación final

Lead Connections

Connect all wires, making sure that each connection is insulated and secure. Bundle all loose wires and fasten them with tape so they will not fall down later. Now insert the unit into the mounting collar. Congratulations! After making a few final checks, you're ready to enjoy your new auto stereo system.

Raccordez tous les fils en prenant soin qu'ils soient tous bien isolés et solidement connectés. Enroulez toute longueur excessive de fil et fixez-la en place avec une bande adhésive. Installez l'appareil dans son câdre de montage. Félicitations! Après avoir effectué quelques vérifications finales, vous êtes prêt à profiter pleinement de votre nouveau système autoradio.

Conexiones de cables Conecte todos los cables, asegurándose de que cada conexión queda

aislada y segura. Agrupe todos los cables sueltos y fíjelos con cinta para que no queden colgando. Inserte entonces la unidad en el collar de

¡Enhorabuena! Después de realizar algunas comprobaciones finales, estará preparado para disfrutar de su nuevo sistema estéreo para

Final Check/Vérifications finales/ Comprobación final

- 1. Make sure that all wires are properly connected and insulated. 2. Make sure that the main unit is securely held in the mounting collar.
- 3. Turn on the ignition to check the unit for proper operation.

If you have difficulties, consult your nearest authorized professional installer for assistance.

- 1. Assurez-vous que tous les fils sont bien raccordés et isolés.
- 2. Assurez-vous que l'appareil est solidement en place dans son câdre de
- 3. Faites démarrer la voiture et vérifiez le fonctionnement de l'appareil.

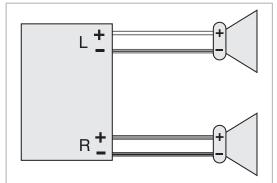
En cas de difficulté, consultez un installateur professionnel.

- 1. Asegúrese de que todos los cables estén correctamente conectados y
- 2. Asegúrese de que la unidad principal quede fijada con seguridad en el collar de montaje.
- 3. Conecte el encendido para comprobar el correcto funcionamiento de la

Si tiene alguna dificultad, consulte al instalador profesional que le quede más cerca para que le ayude.

Speaker Connection/Branchement avec les haut-parleurs/Conexión de los altavoces

Connect as follows. Branchez les haut-parleurs comme suit Conecte de la forma siguiente

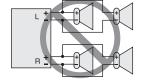


⚠ Caution

until the whole wiring is completed.

To prevent damage to the unit, do not connect the power connector

- Use ungrounded speakers only.
 Allowable input: 50 W or more Impedance: 4 8 Ω
- Use of speakers which do not match the specifications can cause burning, smoking or damage of the speakers. Distance between speaker and amplifier: 30 cm {12"} or more
- Utilisez uniquement des haut-parleurs non reliés à la masse
- Puissance d'entrée admissible: 50 W ou davantage
- Impédance: $4-8 \Omega$
- L'utilisation de haut-parleurs qui ne correspondent pas aux caractéristiques techniques adéquates peut provoquer un
- dégagement de fumée, l'inflammation ou l'endommagement des Distance entre le haut-parleur et l'amplificateur: 30 cm {12 po} ou
- Emplee solamente altavoces sin toma de tierra.
- Entrada permisible: 50 W o más Impedancia: 4 8 Ω
- La utilización de altavoces que no cumplan con las especificaciones indicadas puede hacer que los altavoces se quemen, echen humo o sufran daños.
- Distancia entre el altavoz y el amplificador: 30 cm {12"} o más



⚠ Caution

Do not connect more than one speaker to one set of speaker leads. (except for connecting to a tweeter)

⚠ Précaution

•Ne raccordez pas plus d'un haut-parleur à un ensemble de fils de haut-parleur. (Sauf lors du raccordement à un haut-parleur des aigus)

⚠ Precaución

 No conecte más de un altavoz a un juego de cables de altavoz. (excepto para la conexión a un altavoz de agudos)

Do not use a 3-wire type speaker system having a common earth lead.

N'utilisez pas de système de haut-parleur de type à 3 fils ayant un fil de mise à la masse

No emplee sistemas de altavoz del tipo de 3 cables con cable de masa común.

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