

# aiwa

**COMPACT**  
**disc**  
**DIGITAL AUDIO**

**OPERATING INSTRUCTIONS  
MANUAL DE INSTRUCCIONES  
MODE D'EMPLOI**

# CDC-X527M YU

**STEREO CAR CD RECEIVER  
RADIO-TOCADISCOS DE CD ESTEREOFONICO PARA  
AUTOMOVIL**

**ENGLISH**

**ESPAÑOL**

**FRANÇAIS**

## **OWNER'S RECORD**

For your convenience, record the model number and serial number (you will find them on the bottom side of your set) in the space provided below. Please refer to them when you contact your AIWA dealer in case of difficulty.

Model No.

Serial No.

8C-KCF-901-01  
020107ATM-OX

# PRECAUTIONS

- Use only in a 12-volt DC negative-ground electrical system.
- Disconnect the vehicle's negative battery terminal while mounting and connecting the unit.
- When replacing the fuse, be sure to use one with an identical amperage rating. Using a fuse with a higher amperage rating may cause serious damage to the unit.
- Do NOT attempt to disassemble the unit. Laser beams from the optical pickup are dangerous to the eyes.
- Make sure that pins or other foreign objects do not get inside the unit; they may cause malfunctions, or create safety hazards such as electrical shock or laser beam exposure.
- When your vehicle has been parked in direct sunlight resulting in a considerable rise in the temperature inside, allow the unit to cool off before operating it.
- Keep the volume at a level at which you can hear outside warning sounds (horns, sirens, etc.).

## NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

## CAUTION

Modifications or adjustments to this product, which are not expressly approved by the manufacturer, may void the user's right or authority to operate this product.

In addition to ordinary CDs, CD-Rs or CD-RWs can be read by this unit. However, NEVER use a CD-R or CD-RW that contains no data or data in the wrong format, such as MP3 or other computer files.

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## Note

Some buttons are assigned two or more functions. For detailed descriptions, refer to the related pages.

## CD Notes

- Playing a defective or dusty CD can cause dropouts in sound.
- Hold CDs as illustrated.
- Do NOT touch the unlabeled side.
- Do NOT attach any seal, label or data protection sheet to either side of CD.
- Do NOT expose a CD to direct sunlight or excessive heat.
- Wipe a dirty CD from the center outward with a cleaning cloth.  
Never use solvents such as benzine or alcohol.
- This unit cannot play 3-inch (8 cm) CDs.
- NEVER insert a 3-inch CD contained in the adapter or any irregularly shaped CD.  
The unit may not be able to eject it, resulting in a malfunction.



## DEMO (Demonstration) mode

The unit has an extra display (DEMO) mode which demonstrates the illumination modes of the unit. The unit switches to DEMO mode automatically if you turn the unit on and leave it as it is for 5 seconds after all the connections have been completed.

### To cancel DEMO mode

- 1 During DEMO mode, press and hold **SRC** until "ILL" appears on the display.
  - 2 Press **▲** or **▼** to select "DE".
  - 3 Turn **AUDIO CONTROL** to select "DE 0."
- To resume DEMO mode, select "DE 1" in step 3.

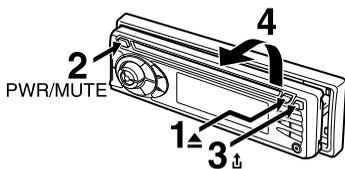
# THEFT PROTECTION

Take the front panel with you when leaving the car, and keep it in the supplied carrying case.

## Detaching the front panel

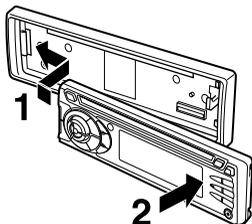
Before detaching the front panel, remove the CD to prevent possible damage to the unit.

- 1 Press ▲ to remove the CD.
- 2 Press and hold **PWR/MUTE** until the unit turns off.
- 3 Press ⬇️. (Hold the panel with one hand to prevent accidentally dropping it.)
- 4 Remove the panel.



## Attaching the front panel

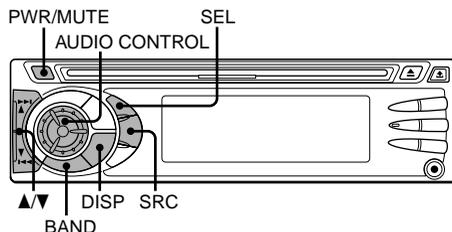
- 1 Engage the left side of the front panel to the left catch on the unit.
- 2 Push the panel forward until it locks. Be sure not to press any buttons while you are attaching the panel.



### Note

Do not touch connector on the reverse side of the front panel. This could cause a poor or faulty connection.

# BASIC OPERATION, AUDIO AND CLOCK ADJUSTMENT



## Turning the unit on/off

- Press **PWR/MUTE** to turn on the unit. The unit also turns on when you insert a CD.
- Press and hold **PWR/MUTE** until the unit turns off.

### Note

Most operations described in this manual require the unit to be turned on before starting the operation, unless explicitly stated otherwise.

## Changing the source mode

- 1 Press **SRC**.  
Pressing **SRC** cycles through source modes in the following order:  
FM1 (FM2/FM3/AM1/AM2) → CD\* → CD-CH\*\* → AUX

\* "CD" does not appear in the display when there is no CD in the unit.

\*\* CD Changer Play mode (available when an optional CD Changer is connected)

## Adjusting the volume

- 1 Turn **AUDIO CONTROL**.  
VOL (volume) indicator flashes.



## Muting the sound

- 1 Press **PWR/MUTE** briefly.  
MUTE indicator flashes.

To restore volume, briefly press **PWR/MUTE** again.

## Adjusting sound

You can select the following modes for adjusting sound depending on the music you listen to: BASS (low frequencies), TRE (high frequencies), BAL (left/right), FAD (front/ rear) , H-BASS (high bass) and BBE(enhances the clarity of high-frequency sound).

- 1 Press **SEL** repeatedly to select the mode to be adjusted.  
Pressing **SEL** cycles through the modes. The selected mode's indicator flashes.
- 2 Turn **AUDIO CONTROL** to increase/decrease the level or to select on/off or on1/on2/off for the selected mode.

### **Note**

Adjust the level or select on/off within 5 seconds, or the selected mode will return to previous state.

## Aligning the source levels

### **(Source Level Adjuster)**

Volume may vary each time you change the source mode. In this case, you can align each source mode's volume to almost the same level.

- 1 Press **SRC** or **BAND** repeatedly to select the desired mode.
- 2 Press **DISP** while pressing **SEL**.  
"LA 0" appears on the display.
- 3 Turn **AUDIO CONTROL** to adjust the level.

### **Note**

Adjust the level within 5 seconds, or the selected mode will be canceled.

## Restoring the factory settings

- 1 Turn off the unit.
- 2 Press and hold **DISP** until "LA --" appears on the display.

### **Note**

You can restore the factory settings only for VOL, BASS, TRE, BAL, FAD, H-BASS, and BBE, and aligned source volume levels.

## Muting button beep sounds

- 1 Turn off the unit.
- 2 Press and hold **SEL** until "bBEEP" appears on the display.
- 3 Turn **AUDIO CONTROL** to select on (level indicators appear) or off (level indicators disappear).
- 4 Press **SEL**.

## Setting the clock

- 1 Press and hold **DISP** until the clock indicator flashes on the display.
- 2 Press **▲** (to set hour) or **▼** (to set minute), and then turn **AUDIO CONTROL**.
- 3 Press **DISP**.

## Displaying the clock

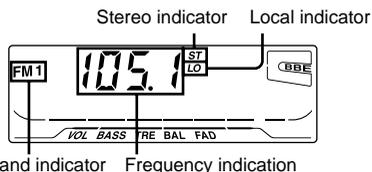
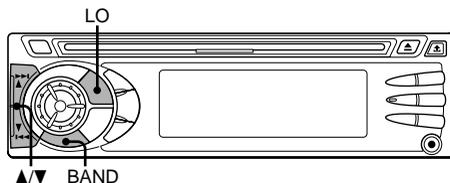
- 1 Press **DISP**.

To return to the former display, press **DISP** again.

# RADIO OPERATION

## Tuning in to a station

### **(Seek/Manual Tuning)**



- 1 Press **BAND** repeatedly to select the desired band (FM1, FM2, FM3, AM1, or AM2).
- 2\* Press **▲** (to move to higher frequencies) or **▼** (to move to lower frequencies) to tune in to a station.  
"ST" appears on the display when an FM station is broadcasting in stereo, and receiving conditions are good.

### **\*Seek Tuning and Manual Tuning**

- Press and hold **▲** or **▼** until seek Tuning starts.  
The unit locates a station automatically (Seek Tuning).
- Press **▲** or **▼** repeatedly to search for a desired station while increasing or decreasing the frequency step by step (Manual Tuning).

To stop **Seek Tuning**, press **▲** or **▼** again.

## Monaural mode

When FM signals become weak, or FM reception becomes poor, the unit automatically switches to Monaural mode to reduce noise.

## Local mode

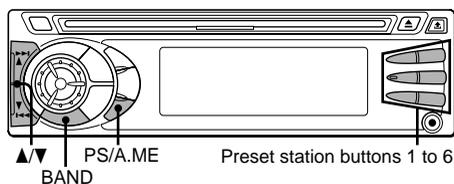
Local mode allows you to tune in only to strong stations during Seek Tuning.

- 1 Press **LO** before you start seek tuning.  
"LO" appears in the display.

**To return to Distant mode**, press **LO** again.  
"LO" disappears and the unit tunes in to all receivable stations.

## Using preset stations

You must preset stations before you can tune in to a station using preset station number buttons.



Preset station number

## Presetting stations automatically

### (Auto Memory)

- 1 Press **BAND** repeatedly to select the desired band (FM1, FM2, FM3, AM1, or AM2).
- 2 Press and hold **PS/A.ME** until automatic presetting starts.

The unit automatically stores up to 6 stations for each band.

After completion of automatic presetting, the unit tunes in to the station stored on preset station button 1.

**To cancel automatic presetting**, press **PS/A.ME** again.

### Checking the preset stations (Preset Scan)

- 1 Press **PS/A.ME** briefly.  
Each preset station will be tuned in for 5 seconds in order.

**To cancel Preset Scan**, press **PS/A.ME** again or any preset station button.

## Presetting stations manually

### (Manual Memory)

- 1 Press **BAND** repeatedly to select the desired band (FM1, FM2, FM3, AM1, or AM2).
- 2 Press **▲** or **▼** to tune in to a desired station (see "Tuning in to a station" as well for another tuning method).
- 3 Press and hold the desired preset station button until the unit beeps.

### Note

A newly preset station replaces the station on the same band that was previously stored on that preset station button.

## Tuning in to a preset station

- 1 Press **BAND** repeatedly to select the desired band (FM1, FM2, FM3, AM1 or AM2).
- 2 Press the preset station button on which the desired station is stored.

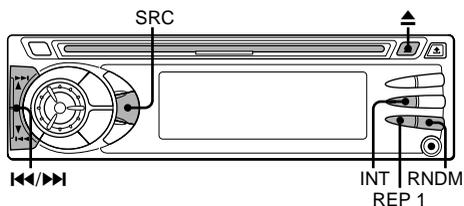
### Active tuning reception control (ATRC)

The unit automatically suppresses FM noise caused by vehicle movement, and maintains sound quality.

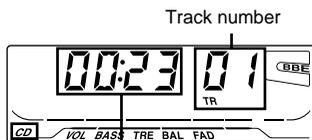
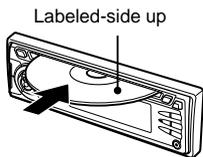
## CD PLAYER OPERATION

### Playing a CD

You can play CDs, CD-Rs and CD-RWs using the procedure described below.



- 1 Insert a CD.  
"CD" appears on the display.  
CD play starts.  
If a CD is already inserted, press **SRC** repeatedly to select CD play mode.  
In normal play, when the last track finishes, the unit returns to the first track and continues to play.



CD indicator Elapsed playing time

To	Press
Eject a CD	▲
Skip to the next track	▶▶
Go back to the beginning of the current track Each extra press skips backward one extra track	◀◀
Locate a specific point in a track	Press and hold ◀◀ or ▶▶ until you find the point.

#### Note

- When you play a CD that is already inserted, CD play starts at the point where it stopped the previous time. A newly inserted CD starts from the first track.
- A CD-R or CD-RW may take some time to start playing back, but this is not a malfunction.
- If a CD-R or CD-RW with no data or incompatible data is inserted, "E03" will appear on the display. The unit cannot play such discs.

#### Intro Play

You can locate a desired track by monitoring the first 10 seconds of all the tracks on a CD.

- 1 Press **INT** during CD play.  
"SCAN" appears on the display.
- 2 Press **INT** again when the desired track is played.  
The unit returns to normal CD play.

#### One track Repeat Play

You can play a track repeatedly.

- 1 Press **REP1** during CD play.  
"REPEAT1" appears on the display.
- To cancel One track Repeat Play**, press **REP1** again.

#### Random Play

You can play all the tracks in random order.

- 1 Press **RNDM** during CD play.  
"RANDOM" appears on the display.
- To cancel Random Play**, press **RNDM** again.

#### Note

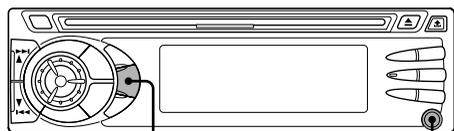
During Random Play, pressing ◀◀ allows you to skip only to the beginning of the current track, not to the previous track.

## AUXILIARY EQUIPMENT

### Listening to a cassette/MD/MP3 portable player or other equipment

You can listen to equipment connected to the unit. Refer to the operating instructions for the corresponding equipment for more detailed information.

Be sure to remove inserted CDs to prevent possible damage to the unit before connecting the equipment.

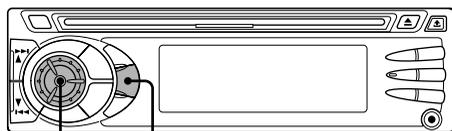


SRC

AUX jack

- 1 Connect a cassette/MD/MP3 portable player or other equipment to the unit's AUX jack (3.5 mm dia.).
- 2 Press **SRC** repeatedly until "AUX" appears on the display.  
During AUX mode, the clock display appears.

# OTHER FUNCTIONS



AUDIO CONTROL SRC

## Changing the key illumination color

You can choose blue or red as the key illumination color.

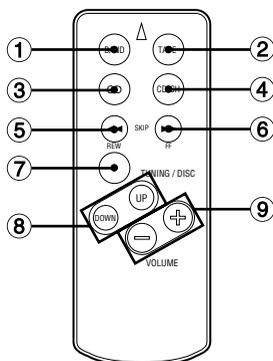
- 1 Press and hold **SRC** until "ILL" appears on the display.
- 2 Turn **AUDIO CONTROL** to select "1 (for blue)" or "2 (for red)."

## Setting the dimmer of the display

- 1 Press and hold **SEL** until "D" appears on the display.
- 2 Turn **AUDIO CONTROL** to select "0 (bright)" or "1 (dimmed)."

# CARD REMOTE CONTROL

## Names of parts

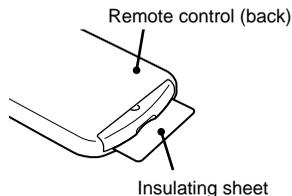


- 1 **BAND** button
- 2 **TAPE** button (This button is not available with this unit.)
- 3 **CD** button
- 4 **CD-CH** button (CD changer only)
- 5 **SKIP ◀/REW** button
- 6 **SKIP ▶/FF** button
- 7 **PS (preset)** button
- 8 **TUNING/DISC UP/DOWN** buttons
- 9 **VOLUME +/-** buttons

## Preparations

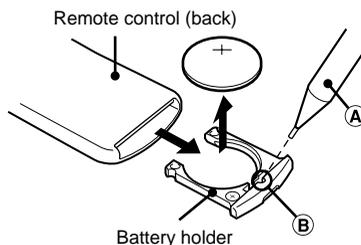
A lithium battery is installed in the remote control at the factory.

Before you use the remote control, be sure to remove the insulating sheet by simply pulling it out.

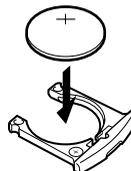


## Replacing the battery

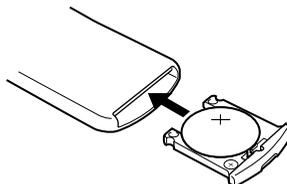
- 1 Insert the tip of a pointed object (A) into the hole (B) and pull out the battery holder to remove the lithium battery (CR2025).



- 2 Install a new lithium battery (CR2025) with the ⊕ side facing up in the battery holder.



- 3 Push the battery holder into the unit until it clicks.



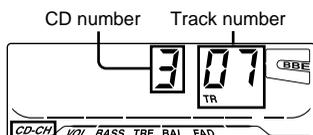
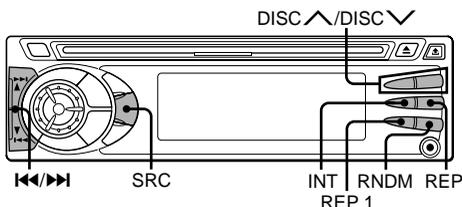
## CAUTION

- Keep the lithium battery out of the reach of children. If swallowed, consult a doctor immediately.
- To prevent a short circuit, never pinch the battery with pliers, etc.

# CD CHANGER OPERATION

## Playing a CD

You can play CDs from a connected AIWA CD Changer. For detailed information on installing a CD Changer, refer to the Installation and Connection manual supplied with the CD Changer.



CD Changer indicator

1 Press **SRC** repeatedly to display “CD-CH.” The CD Changer play starts.

To	Press
Skip to the next track	▶▶
Skip back to the beginning of the current track or to the previous track	◀◀
Advance rapidly to locate a desired point	and hold ▶▶, then release it at the desired point
Reverse rapidly to locate a desired point	and hold ◀◀, then release it at the desired point
Start CD Changer play from the first track on the next disc	DISC ▲
Start CD Changer play from the first track on the previous disc	DISC ▼

## Intro Play

You can locate a desired track by monitoring the first 10 seconds of all the tracks on the CDs in the disc magazine.

- 1 Press **INT** during CD Changer play. “SCAN” appears on the display.
- 2 Press **INT** again when the desired track is played. The unit returns to normal CD play.

## One track Repeat Play

You can play a track repeatedly.

- 1 Press **REP1** during CD Changer play.

“REPEAT1” appears on the display.

To cancel Repeat Play, press **REP1** again.

## One disc Repeat Play

You can play all tracks on a disc repeatedly.

- 1 Press **REP** during CD Changer play.

“REPEAT” appears on the display.

To cancel Repeat Play, press **REP** again.

## One disc Random Play

You can play all the tracks on a disc in random order.

- 1 Press **RNDM** during CD Changer play.

“RANDOM” appears on the display.

To cancel Random Play, press **RNDM** again.

## Note

Pressing ◀◀ during Random Play locates the beginning of the current track. The unit does not retrieve previous tracks during Random Play.

# TROUBLESHOOTING

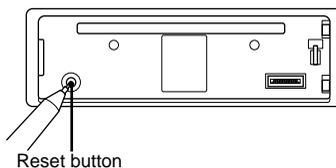
## Error code (when using the optional AIWA CD Changer)

In the following cases the corresponding error code indication appears. Follow the suggestions below to solve such problems. If the error code indication does not disappear, consult an AIWA service center.

- E01** The disc magazine is not properly inserted in the CD Changer. Reinsert the magazine. Refer to the instruction manual for the CD Changer.
- E02** No CDs are loaded in the disc magazine. Insert CDs properly. Refer to the instruction manual for the CD Changer.
- E03** Focus error. Check that the discs are loaded properly in the disc magazine (right side up, etc.).
- E04** Problem with the CD Changer. Reset the unit by pressing the reset button. If this does not solve the problem, consult an AIWA service center.

## Reset button

If a CD does not operate properly, press the reset button with a pointed object such as a pencil, etc. Note that all your settings will be erased if this button is pressed.



Reset button

# MAINTENANCE

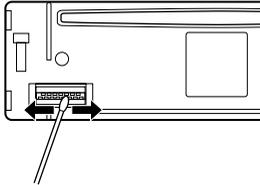
## Cleaning the front panel

Wipe the surface with a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.

## Cleaning the connector

The connector needs to be cleaned occasionally. Wipe the surface of the connector with a cotton swab slightly moistened with alcohol.

## Back of the front panel



# SPECIFICATIONS

## RADIO SECTION

### (FM)

**Frequency Range:** 87.5 MHz – 108 MHz

**Usable Sensitivity:** 12.7 dBf

**50 dB Quieting Sensitivity:** 17.2 dBf

**IF Rejection:** 100 dB

**Frequency Response:** 30 Hz – 15,000 Hz

**S/N Ratio:** 70 dB

**Stereo Separation:** 35 dB at 1 kHz

**Alternate Channel Selectivity:** 90 dB

**Capture Ratio:** 3 dB

### (AM)

**Frequency Range:** 530 kHz – 1,710 kHz

**Usable Sensitivity:** 30  $\mu$ V (30 dB)

## CD SECTION

**Frequency Response:** 17 Hz – 20 kHz +0/-3 dB

**Dynamic Range:** More than 85 dB

**Channel Separation:** More than 60 dB

**S/N Ratio:** More than 90 dB

**Wow/Flutter:** Unmeasurable

## AUDIO SECTION

**Max. Power Output:** 50 W  $\times$  4 channels

## AUX input

**Input sensitivity (load impedance) AUX:** 300 mV (10 k $\Omega$ )

## GENERAL

**Power-Supply Voltage:** 14.4 V (11 to 16 V allowable), DC, negative ground

**Load Impedance:** 4  $\Omega$

**Tone Control:**

Bass  $\pm$  10 dB at 100 Hz, Treble  $\pm$  10 dB at 10 kHz

**Preamp Output Voltage (load impedance):** 2.2 V (10 k $\Omega$ )

**Installed size:** 182 (W)  $\times$  53 (H)  $\times$  155 (D) mm (7 1/4 (W)  $\times$  2 1/8 (H)  $\times$  6 1/8 (D) inches)

**Supplied Accessory:** Carrying case (1)

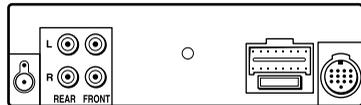
## CARD REMOTE CONTROL

**Dimensions:** approx. 33 (W)  $\times$  85 (H)  $\times$  7.5 (D) mm (1 5/16 (W)  $\times$  3 3/8 (H)  $\times$  5/16 (D) inches)

**Weight:** approx. 20g (0.7 oz.) (including battery)

- Specifications and external appearance are subject to change without notice due to product improvement.

## REAR PANEL



For details, refer to the separate "INSTALLATION AND CONNECTIONS".

## **BBE**

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Under licence from BBE Sound, Inc.



#### INSTALLATIONS

The installation scenario described in this manual assumes that you have a typical car. If your specific car requires any adjustments or modifications, consult your nearest AIWA car audio dealer.

#### PRECAUTIONS

- This unit is designed for negative-ground, 12-V DC operation only.
- Before starting installation, make sure the ignition switch is set to OFF and disconnect the ground terminal of the car battery to avoid short-circuiting.
- Install the unit where it will not hamper the operation of the vehicle.
- Install the unit where it will not injure the passenger if there is a sudden stop, like an emergency stop.
- Avoid installing the unit where it would be subject to high temperatures caused by direct sunlight or hot air from the heater, or where it would be subject to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware, for a safe and secure installation.

#### PREINSTALLATIONS → B

If there is installation hardware for another receiver already in the dashboard, it must be removed.

#### Remove the trim plate from the unit → F

- **FLAP (flap panel)-type model** Remove the trim plate ③ by pushing the side of the plate in the direction of the arrow.
- **FIX (fixed panel)-type model** Remove the trim plate ③ by pushing the upper and lower parts of the plate in the direction of the arrow.
- As for the **DFP (Detachable Front Panel)-type model**, the trim plate is separately packed at the factory.

#### Remove the installation sleeve → Z

Insert the levers ⑧ along each groove on both sides of the unit to unlock the installation sleeve ① and pull the sleeve to detach it from the unit.

#### BASIC INSTALLATIONS → C

##### Installation in the dashboard

Note that the installation shown is a typical example. For some car types you may need to make adjustments or modifications to install the unit. If your car is of such type, consult your nearest AIWA car audio dealer.

##### Mounting-angle adjustment

The mounting angle should be 30 degrees or less from horizontal.

##### Caution on installation without using the sleeve → D

Be sure to use the supplied screws ⑨ shown in A to attach the mounting brackets M (not supplied).

#### INSTALLATION

Le scénario d'installation indiqué dans ce manuel présume une voiture typique. Si votre voiture exige un ajustement ou une modification, consultez le revendeur de chaîne audio automobile AIWA le plus proche.

#### PRECAUTION

- Cet appareil est conçu uniquement pour le fonctionnement sur courant continu 12 V, masse négative.
- Avant de commencer l'installation, vérifiez que le commutateur d'allumage est réglé à OFF et déconnectez la prise de masse de la batterie auto pour éviter tout court-circuit.
- Installez l'appareil à un endroit où il ne gênera pas le fonctionnement de la voiture.
- Installez l'appareil à un endroit où il ne blessera pas le passager, en cas d'arrêt brutal, par exemple un arrêt d'urgence.
- Évitez d'installer l'appareil à un endroit en plein soleil ou sous l'air chaud du chauffage, où il sera soumis à des températures élevées, ou bien à un endroit où il sera soumis à une poussière, de la saleté ou de fortes vibrations.
- Utilisez seulement le matériel de montage fourni pour assurer une installation sûre et solide.

#### PREPARATIFS POUR L'INSTALLATION → B

S'il y a déjà du matériel de montage pour un autre récepteur dans le tableau de bord, il doit être retiré.

#### Avant d'installer l'appareil dans le tableau de bord

#### Retirez la plaque d'ajustement de l'appareil → F

- **Modèle de type FLAP (panneau basculant)** Retirez la plaque d'ajustement ③ en poussant le côté de la plaque dans le sens de la flèche.
- **Modèle de type FIX (panneau fixe)** Retirez la plaque d'ajustement ③ en poussant les parties haut et bas de la plaque dans le sens de la flèche.
- Comme pour le modèle de type DFP (panneau avant amovible), la plaque d'ajustement est emballée séparément à l'usine.

#### Retirez le manchon d'installation → Z

Insérez les leviers ⑧ le long de chaque rainure sur les deux côtés de l'appareil pour débloquer le manchon d'installation ①, puis tirez sur le manchon pour le détacher de l'appareil.

#### INSTALLATION DE BASE → C

##### Installation dans le tableau de bord

Pour certains types de voiture, il faudra peut-être faire des ajustements ou modifications pour installer l'appareil. Si c'est le cas pour votre voiture, consultez le revendeur de chaînes audio automobiles AIWA le plus proche.

##### Ajustement de l'angle de montage

L'angle de montage doit être de 30° ou moins de l'horizontale.

##### Précaution pour l'installation sans manchon → D

Utilisez les vis fournies ⑨ indiquées dans A pour attacher les fixations de montage M (non fournies).

#### INSTALACION

La instalación descrita a lo largo de este manual presupone que tiene un coche normal. Si su coche requiere ajustes o modificaciones, consulte con su concesionario de audio para coches de AIWA más cercano.

#### PRECAUCIONES

- Este aparato fue diseñado para una conexión a tierra negativa y funciona con una CC de 12 V.
- Antes de empezar la instalación, compruebe que el interruptor de encendido está en OFF y desconecte el terminal a tierra de la batería de coche para evitar que se produzca un cortocircuito.
- Instale el aparato donde no moleste el funcionamiento del vehículo.
- Instale el aparato en un lugar donde no provoque heridas a los pasajeros por un frenado repentino, como en el caso de un frenado de emergencia.
- Evite instalar el aparato donde quede expuesto a altas temperaturas provocadas por los rayos directos del sol o el aire caliente de la calefacción o donde pueda estar expuesto al polvo, suciedad o vibraciones excesivas.
- Utilice sólo los accesorios de montaje suministrados, para una instalación firme y segura.

#### INSTALACION PREVIA → B

Si ya se han instalado accesorios para instalación de otro aparato en el tablero, deberá desmontarlos.

#### Antes de instalar el aparato en el cubretablero

#### Desmonte la placa de adorno del aparato → F

- **Modelo de tipo FLAP (panel de aleta)** Desmonte la placa de adorno ③ empujando el lado de la placa en el sentido de la flecha.
- **Modelo de tipo FIX (panel fijo)** Desmonte la placa de adorno ③ empujando las partes superior e inferior de la placa en el sentido de la flecha.
- Para el modelo de tipo DFP (Panel frontal desmontable), la placa de adorno se empaqueta por separado en la fábrica.

#### Desmonte el manguito de instalación → Z

Inserte las palancas ⑧ a lo largo de cada ranura en ambos lados del aparato para destrabar el manguito de instalación ① y tire del manguito para desmontarlo de la del aparato.

#### INSTALACION BASICA → C

##### Instalación en el tablero

Tenga en cuenta que la instalación que se describe es a modo de ejemplo. Para algunos modelos de coche, puede ser necesario hacer ajustes o modificaciones para instalar el aparato. Si su coche es de este tipo, consulte con su concesionario de audio para coches de AIWA más cercano.

##### Ajuste del ángulo de montaje

El ángulo de montaje debe ser de 30 grados o menos de la horizontal.

##### Precauciones sobre la instalación sin utilizar el manguito → D

Se deben utilizar siempre los tornillos suministrados ⑨ que aparecen en A, para instalar las ménsulas de montaje M (no suministradas).

#### INSTALAÇÃO

A instalação da forma como é descrita neste manual aplica-se aos veículos mais comuns. Se seu veículo exigir particularmente quaisquer ajustes ou modificações, consulte o revendedor de som automotivo AIWA de sua região.

#### PRECAUÇÕES

- Este aparelho foi projetado para funcionar somente em corrente contínua de 12 volts com terra negativo.
- Antes da instalação, certifique-se de que a chave de ignição do veículo esteja desligada e desconecte o borne de terra da bateria do veículo para evitar curto-circuito.
- Instale a unidade em lugar onde ela não venha a prejudicar a condução do veículo.
- Instale o aparelho em lugar onde o mesmo não venha a representar risco de ferimento dos passageiros em caso de parada repentina, como por exemplo numa freada de emergência.
- Evite instalar o aparelho em lugar onde o mesmo fique exposto a luz solar direta ou a ar quente gerado por aquecedor. Evite também locais onde o aparelho fique exposto a poeira, sujeira ou vibração excessiva.
- Utilize somente os componentes de montagem fornecidos para assegurar uma instalação segura e confiável.

#### PRÉ-INSTALAÇÃO → B

Se já houver ferragem de instalação para outro receptor no painel de instrumentos, ela deverá ser removida.

#### Antes de instalar a unidade no painel de instrumentos

#### Remoção da moldura da unidade → F

- **Modelo tipo FLAP (painel inclinável)** Remova a moldura ③, pressionando o lado da moldura na direção da seta.
- **Modelo tipo FIX (painel fixo)** Remova ③ moldura a, pressionando as partes superior e inferior da moldura na direção da seta.
- Quanto ao modelo tipo DFP (painel frontal removível), a moldura é embalada separadamente na fábrica.

#### Remoção da luva de instalação → Z

Introduza as alavancas ⑧ ao longo de cada ranhura nos dois lados da unidade para destravar a luva de instalação ① e puxe a luva para separá-la da unidade.

#### INSTALAÇÃO BÁSICA → C

##### Instalação no painel de instrumentos

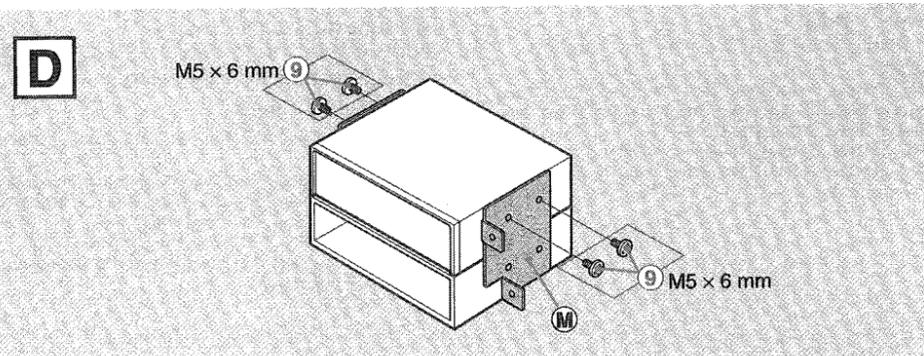
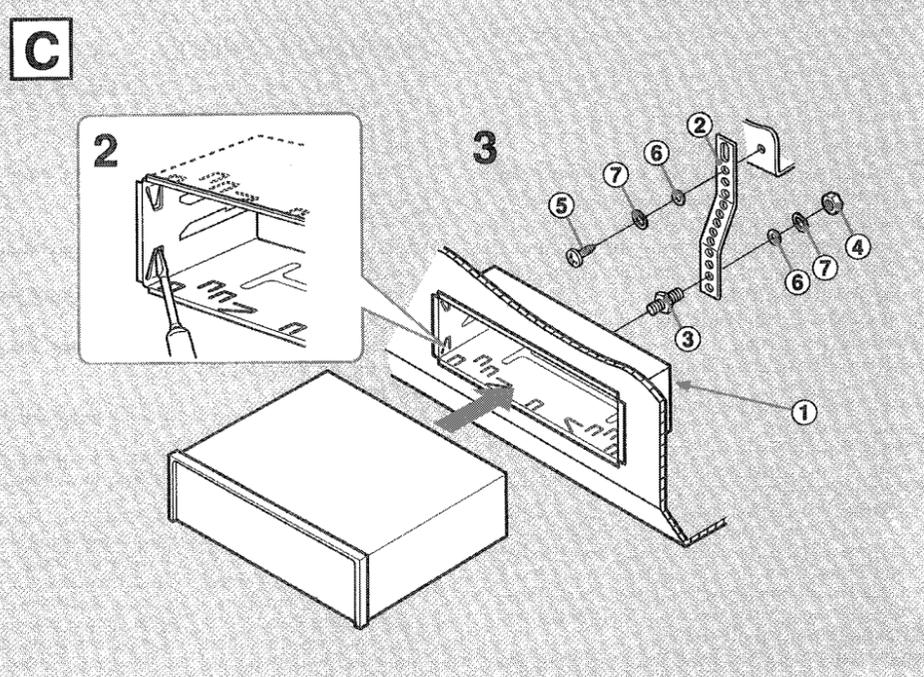
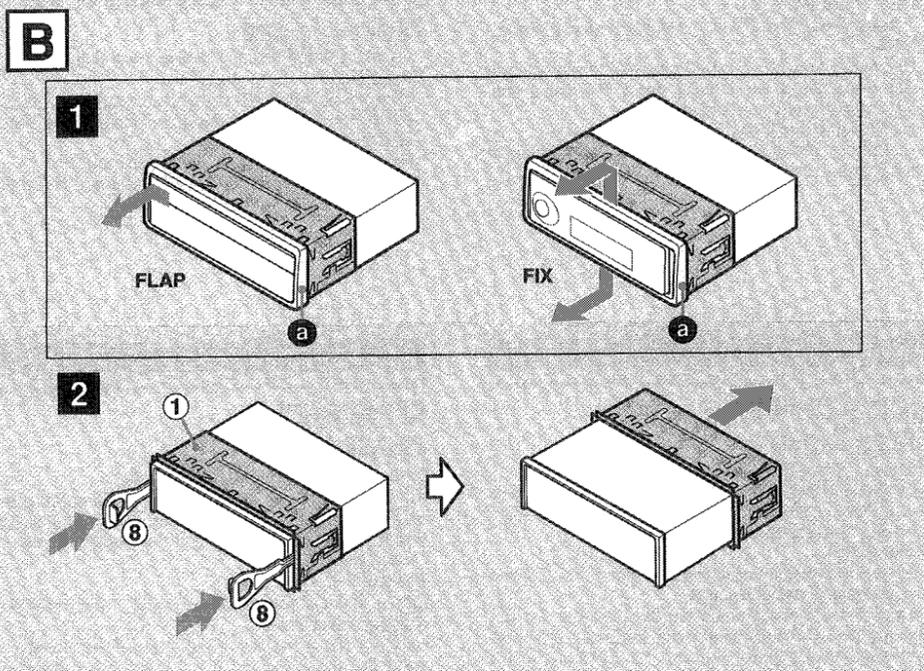
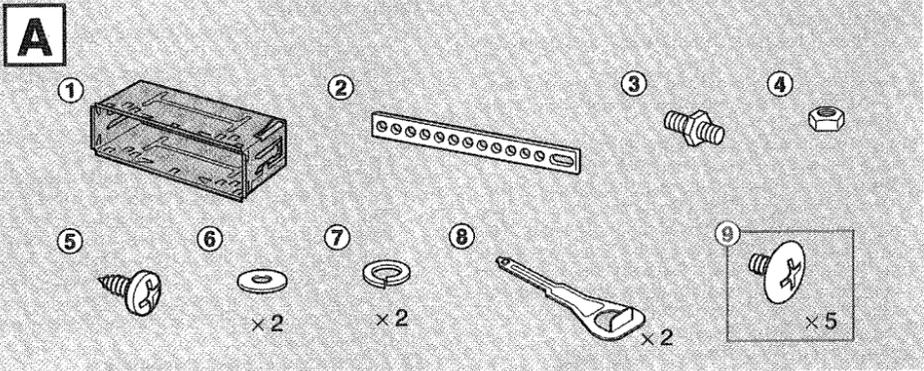
Note que a instalação aqui mostrada é a mais comum. Para alguns tipos de veículos, talvez seja necessário fazer ajustes ou modificações para instalar a unidade. Se seu carro for de um destes tipos, consulte o revendedor de som automotivo AIWA de sua região.

##### Ajuste do ângulo de montagem

O ângulo de montagem deve ser de 30 graus ou menos em relação à base horizontal.

##### Precaução sobre a instalação sem o uso da luva → D

Certifique-se de usar os parafusos fornecidos ⑨ que aparecem em A para fixar os suportes de montagem M (não fornecidos).



**CONNECTIONS**

**PRECAUTIONS**

**Precaution on making connections**

Before connecting, make sure that the ignition switch is set to OFF, and remove the ground terminal of the battery to protect the unit and your car from damage.

**Caution**

Make the connections correctly, as illustrated in the connection diagram.

Do not connect the negative  $\ominus$  cord of each speaker wire to a common point. When replacing the fuse, be sure to use a fuse of the same rated amperage. Use of a fuse of a higher rating may cause serious damage to the unit.

**CONNECTION DIAGRAM → A**

One or more of the connectors **B**, **C**, and **D** may not exist on the model you purchased. Make the appropriate connection or connections according to the configuration of your unit. See the section "SPECIFICATIONS" of the separate Operating Instructions.

- A** From the car antenna
- B** To the input jack of the optional power amplifier (for the rear channel)
- C** To the input jack of the optional power amplifier (for the front channel)
- D** From the optional AIWA compact disc changer
- E** To the wiring of the vehicle

**Colors of leads**

- ① **Black** (ground lead to be connected to vehicle [metal] body.)
- ② **Red** (ACC lead to be connected to the terminal from which power is supplied when the ignition switch is set to ACC.)
- ③ **Yellow** (battery lead to be connected to the backup terminal from which power is always supplied.)
- ④ **Blue** (power antenna lead to be connected to the terminal of the control relay switch for a vehicle equipped with a fully automatic power antenna. This lead is not used for a vehicle with a manual antenna or a switch-operated power antenna. If you will use the optional power amplifier with the unit, connect this lead to the remote terminal of the amplifier.)

**Speaker connections**

4-SPEAKER CONNECTIONS → **a b c d**

2-SPEAKER CONNECTIONS → **a b**

**Note** → **c d**

Insulate the end of the unused lead with a piece of tape.

**Notes**

- Use speakers with an impedance of 4 to 8 ohms and with adequate power-handling capacities. Otherwise, the speakers may be damaged.
- Do NOT connect the speakers in parallel.
- Do NOT connect the terminals of the speaker system to the car chassis.

**CONEXIONES**

**PRECAUCIONES**

**Precauciones al hacer las conexiones**

Antes de conectar, confirme que el interruptor de encendido está en OFF y desmonte el terminal a tierra de la batería para proteger el aparato y su coche contra daños.

**Precaución**

Haga las conexiones correctamente, tal como se describe en el diagrama de conexiones.

No conecte el cable negativo  $\ominus$  de cada cable de altavoz a un punto común. Cuando cambie el fusible, utilice siempre uno del mismo amperaje nominal. El uso de un fusible de mayor régimen puede provocar daños importantes en el aparato.

**DIAGRAMA DE CONEXIONES → A**

Pueden no existir uno o más de los conectores **B**, **C** y **D** en el modelo comprado. Haga las conexiones apropiadas de acuerdo con la forma de su aparato. Consulte la sección "ESPECIFICACIONES" del manual de instrucciones que se entrega por separado.

- A** De la antena del coche
- B** A la toma de entrada del amplificador de potencia opcional (para el canal trasero)
- C** A la toma de entrada del amplificador de potencia opcional (para el canal delantero)
- D** Del cambiador de discos compacto opcional de AIWA
- E** Al cableado del vehículo

**Colores de los cables**

- ① **Negro** (cable a tierra a conectar a la carrocería del vehículo [metal].)
- ② **Rojo** (cable ACC a conectar al terminal que recibe eléctrica cuando el interruptor de encendido está en ACC.)
- ③ **Amarillo** (cable de batería a conectar al terminal de reserva con un flujo permanente de electricidad.)
- ④ **Azul** (cable de antena motriz a conectar al terminal del interruptor del relé de control para un vehículo equipado con antena motriz totalmente automática. Este cable no se debe utilizar en un vehículo con antena manual o antena motriz que funcione mediante interruptor. Si utiliza el amplificador de potencia opcional en esta unidad, conecte este cable al terminal remoto del amplificador.)

**Conexiones de altavoces**

CONEXIONES PARA 4 ALTAVOCES → **a b c d**

CONEXIONES PARA 2 ALTAVOCES → **a b**

**Nota** → **c d**

Aísle la punta del conductor sin usar con cinta.

**Notas**

- Utilice altavoces con una impedancia de 4 a 8 ohmios y con suficiente capacidad eléctrica. De lo contrario puede dañar los altavoces.
- NO conecte los altavoces en paralelo.
- NO conecte los terminales del sistema de altavoces al chasis del coche.

**CONNEXIONS**

**PRECAUTIONS**

**Précautions pour les connexions**

Avant le raccordement, vérifiez que la clé d'allumage est sur OFF, et débranchez le prise de masse de la batterie pour protéger l'appareil et votre voiture des dommages.

**Attention**

Effectuez les connexions correctement, comme indiqué sur le diagramme de connexion.

Ne raccordez pas le cordon négatif  $\ominus$  de chaque fil de haut-parleur à un point commun. Au remplacement du fusible, utilisez un fusible à ampérage nominal identique. L'emploi d'un fusible à ampérage plus élevé peut sérieusement endommager l'appareil.

**DIAGRAMME DE CONNEXION → A**

Un ou plusieurs des connecteurs **B**, **C**, et **D** peuvent ne pas exister sur le modèle que vous avez acheté. Effectuez la ou les connexions adaptées conformément à la configuration de votre appareil. Consultez la section "SPECIFICATIONS" du mode d'emploi séparé.

- A** De l'antenne du véhicule
- B** A la prise d'entrée de l'amplificateur de puissance en option (pour le canal arrière)
- C** A la prise d'entrée de l'amplificateur de puissance en option (pour le canal avant)
- D** Du changeur de disque compact AIWA en option
- E** Vers le câblage du véhicule

**Couleurs des fils**

- ① **Noir** (fil de mise à la terre à raccorder à la carrosserie [métal] du véhicule.)
- ② **Rouge** (fil ACC à raccorder à la prise à partir de laquelle la puissance est fournie quand la clé d'allumage est réglée sur ACC.)
- ③ **Jaune** (fil de batterie à raccorder à la prise de secours de laquelle l'alimentation se fait toujours.)
- ④ **Bleu** (fil d'antenne électrique à raccorder à la prise du commutateur de relais de commande pour un véhicule équipé d'une antenne électrique entièrement automatique. Ce fil n'est pas utilisé sur les véhicules à antenne manuelle ou antenne électrique opérée par commutateur. Si vous souhaitez utiliser l'amplificateur de puissance en option avec cet appareil, raccordez ce fil à la prise de télécommande de l'amplificateur.)

**Raccordement des enceintes**

RACCORDEMENT A 4 ENCEINTES → **a b c d**

RACCORDEMENT A 2 ENCEINTES → **a b**

**Remarque** → **c d**

Isoler l'extrémité du fil inutilisé avec du ruban.

**Remarques**

- Utilisez des enceintes à impédance de 4 à 8 ohms et puissance nominale adéquate. Sinon elles seront endommagées.
- Ne raccordez PAS les enceintes en parallèle.
- Ne raccordez PAS les prises du système d'enceintes au châssis de la voiture.

**CONEXÕES**

**PRECAUÇÕES**

**Precauções ao efetuar conexões**

Antes de efetuar as conexões, certifique-se de que a chave de ignição esteja desligada e desconecte o borne de terra da bateria para proteger a unidade e seu veículo contra danos.

**Atenção**

Efetue adequadamente as conexões, como mostra o diagrama de conexões.

Não conecte o fio negativo  $\ominus$  de cada um dos alto-falantes em nenhum ponto comum. Ao trocar o fusível, certifique-se de usar um fusível com a mesma amperagem nominal. A utilização de um fusível com amperagem nominal maior poderá causar sérios danos à unidade.

**DIAGRAMA DE CONEXÕES → A**

Um ou mais de um dos conectores **B**, **C** ou **D** pode não existir no modelo adquirido. Faça a conexão ou conexões apropriadas, de acordo com a configuração de sua unidade. Veja a seção "ESPECIFICAÇÕES" das instruções de uso independentes.

- A** Da antena do veículo
- B** À entrada do amplificador de potência opcional (para o canal traseiro)
- C** À entrada do amplificador de potência opcional (para o canal frontal)
- D** Do CD changer compacto opcional AIWA
- E** À fiação do veículo

**Cor dos fios**

- ① **Preto** (fio terra para conexão à carroceria de metal do veículo.)
- ② **Vermelho** (fio ACC para conexão ao terminal de reserva que fornece eletricidade quando a chave de ignição está na posição ACC.)
- ③ **Amarelo** (fio de bateria para conexão ao terminal de reserva que fornece eletricidade permanentemente.)
- ④ **Azul** (fio de antena motorizada a ser conectado ao terminal do comutador do relé de controle em veículos equipados com antena motorizada completamente automática. Este fio não é usado em veículos com antena manual ou antena motorizada operada por interruptor. Se utilizar o amplificador de potência opcional com a unidade, conecte este fio ao terminal de controle remoto do amplificador.)

**Conexões de alto-falantes**

CONEXÕES DE 4 ALTO-FALANTES → **a b c d**

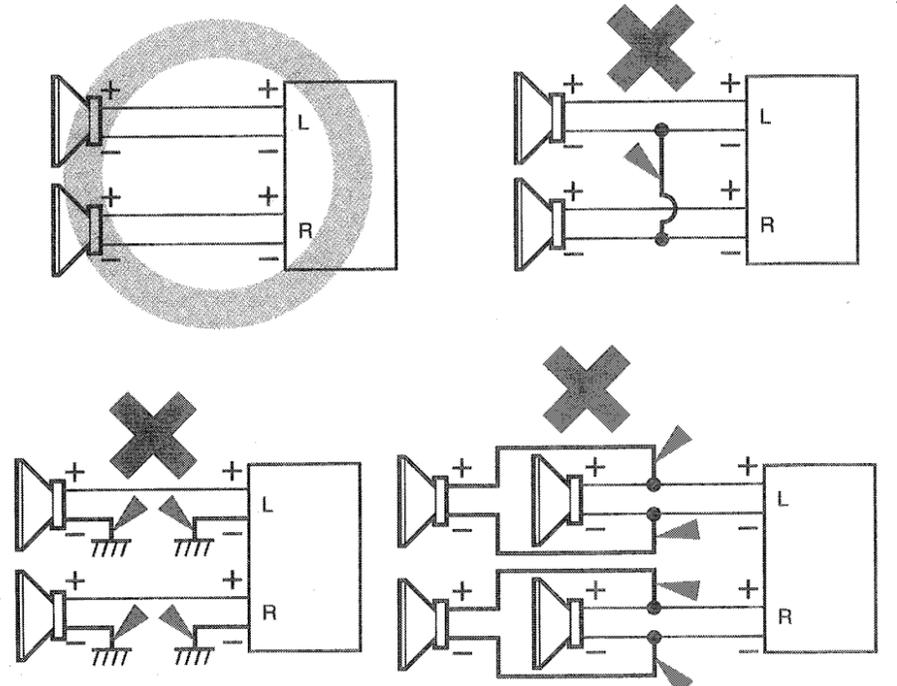
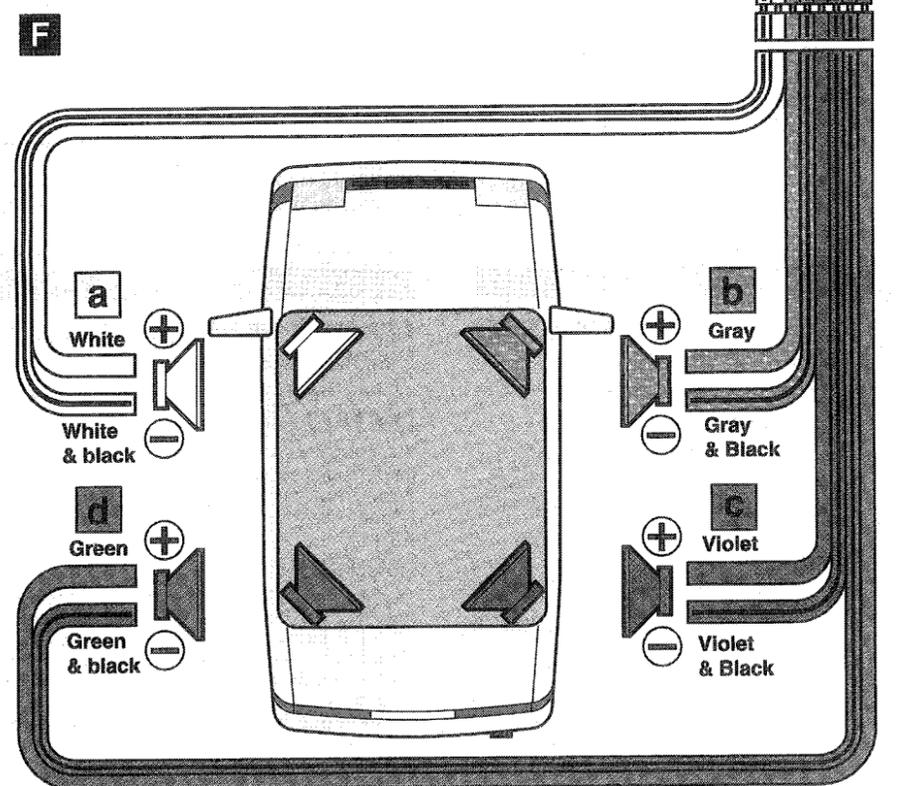
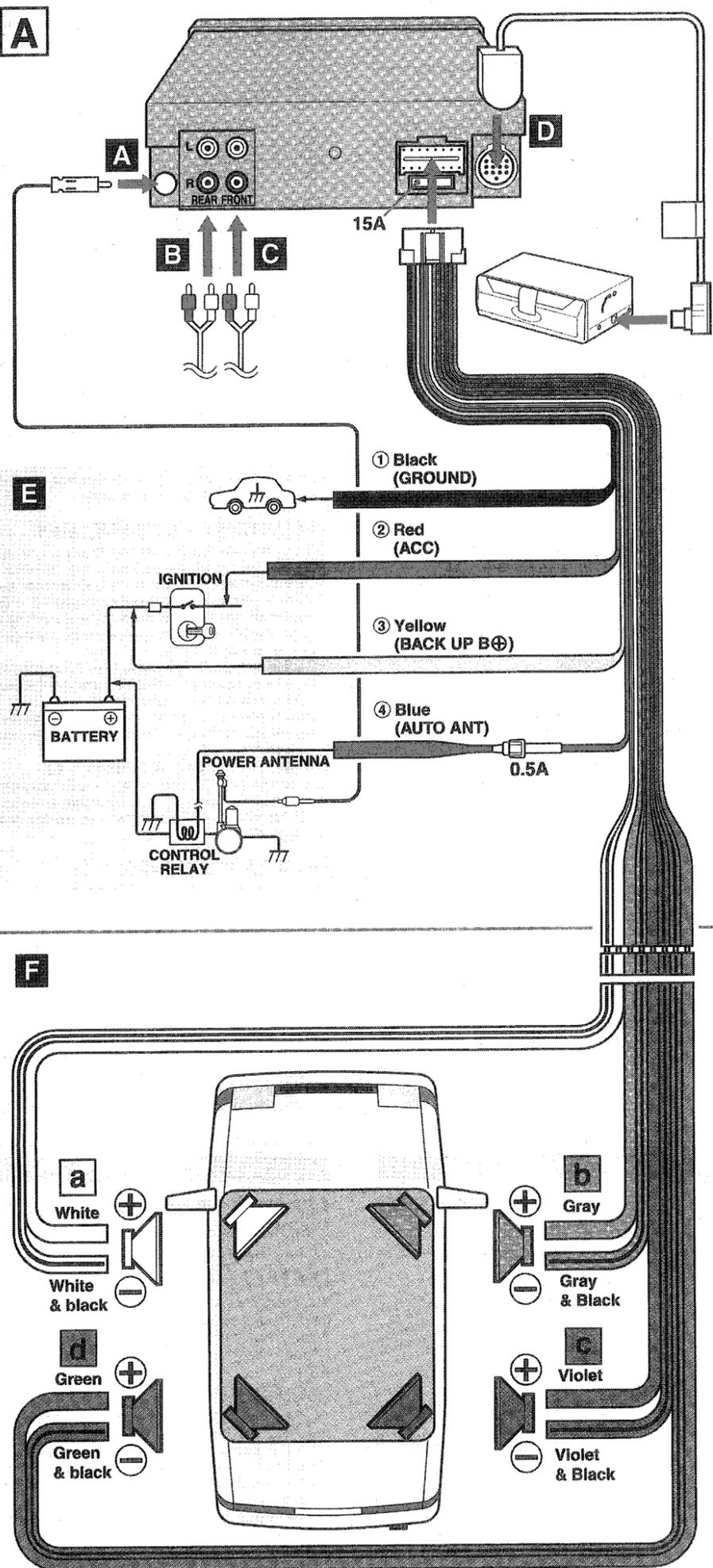
CONEXÕES DE 2 ALTO-FALANTES → **a b**

**Observação** → **c d**

Aplique fita isolante à extremidade do fio não utilizado.

**Observações**

- Utilize alto-falantes com impedância de 4 a 8 ohms e com potência utilizável adequada. Caso contrário, os alto-falantes poderão sofrer danos.
- NÃO conecte os alto-falantes em paralelo.
- NÃO conecte os terminais do sistema de alto-falantes ao chassi do veículo.



**ENGLISH****DEMO (Demonstration) mode**

The unit has an extra display (DEMO) mode which demonstrates the illumination modes of the unit. The unit switches to DEMO mode automatically if you turn the unit on and leave it as it is for 5 seconds after all the connections have been completed.

**To cancel DEMO mode**

- 1 During DEMO mode, press and hold **SRC** until "ILL" appears in the display.
  - 2 Press **▲** or **▼** to select "DE."
  - 3 Turn **AUDIO CONTROL** to select "DE 0."
- To resume DEMO mode, select "DE 1" in step 3.

**ESPAÑOL****Modo DEMO (Demostración)**

La unidad tiene un modo de visualización extra (DEMO) que demuestra los modos de iluminación del aparato. El aparato cambia automáticamente al modo DEMO si se enciende el aparato y se deja en ese estado durante más de 5 segundos después de que todas las conexiones se hayan completado.

**Para cancelar el modo DEMO**

- 1 Durante el modo DEMO, mantenga pulsado **SRC** hasta que aparezca "ILL" en la pantalla.
  - 2 Pulse **▲** o **▼** para seleccionar "DE".
  - 3 Gire **AUDIO CONTROL** para seleccionar "DE 0".
- Para volver al modo DEMO, seleccione "DE 1" en el paso 3.

**FRANÇAIS****Mode DEMO (Démonstration)**

Cet appareil est pourvu d'un mode d'affichage spécial (DEMO) qui présente les modes d'illumination de l'appareil. Il commute automatiquement au mode DEMO si vous le mettez sous tension et le laissez tel quel pendant 5 secondes après l'achèvement de toutes les connexions.

**Pour annuler le mode DEMO**

- 1 En mode DEMO, maintenez **SRC** pressé jusqu'à ce que "ILL" s'affiche.
- 2 Appuyez sur **▲** ou **▼** pour sélectionner "DE".
- 3 Tournez **AUDIO CONTROL** pour sélectionner "DE 0".

Pour revenir au mode DEMO, sélectionnez "DE 1" à l'étape 3.

**DEUTSCH****DEMO-Betrieb (Demonstrationsbetrieb)**

Zur Demonstration seiner verschiedenen Beleuchtungsbetriebsarten verfügt das Gerät über einen zusätzlichen Anzeigemodus (DEMO). Wird die Stromversorgung des Geräts ausgeschaltet bzw. innerhalb von 5 Sekunden nach dem Herstellen aller Kabelverbindungen kein Bedienvorgang ausgelöst, so schaltet das Gerät automatisch auf DEMO-Betrieb.

**Deaktivierung des DEMO-Betriebs**

- 1 Halten Sie im DEMO-Betrieb die Taste **SRC** so lange gedrückt, bis „ILL“ im Display erscheint.
  - 2 Drücken Sie **▲** oder **▼** so oft wie nötig, um „DE“ zu wählen.
  - 3 Drehen Sie **AUDIO CONTROL** zur Wahl von „DE 0“.
- Zur Fortsetzung des DEMO-Betriebs wählen Sie „DE 1“ in Schritt 3.

**ITALIANO****Modalità DEMO (Dimostrazione)**

L'unità è dotata di una modalità di visualizzazione supplementare (DEMO) che offre dimostrazioni delle modalità d'illuminazione dell'unità. L'apparecchio passa in modalità DEMO automaticamente se lo si spegne e non si tocca nessun tasto per 5 secondi dopo che tutte le connessioni sono state completate.

**Per disattivare la modalità DEMO**

- 1 Con la modalità DEMO attivata, premere e tenere premuto **SRC** fino a che sul display appare "ILL".
  - 2 Premere **▲** o **▼** per selezionare "DE".
  - 3 Girare **AUDIO CONTROL** per selezionare "DE 0".
- Per riattivare la modalità DEMO, selezionare "DE 1", al passo 3.

**PORTUGUÊS****Modo DEMO (demonstração)**

O mostrador apresenta um modo adicional de exibição (DEMO) em que aparece uma demonstração dos modos de iluminação da unidade. O aparelho muda automaticamente para o modo DEMO quando é desligado e não se toca em nenhum botão durante cinco segundos uma vez efectuadas todas as ligações.

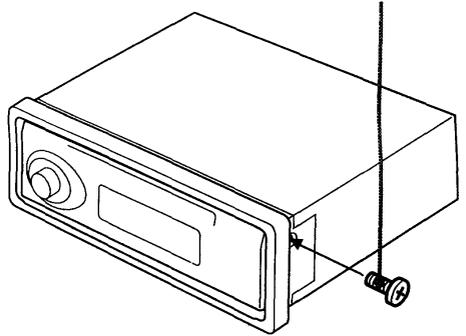
**Para desactivar o modo DEMO**

- 1 Durante o modo DEMO, pressione continuamente **SRC** até que "ILL" apareça no mostrador.
  - 2 Pressione **▲** ou **▼** para seleccionar "DE".
  - 3 Gire **AUDIO CONTROL** até seleccionar "DE 0".
- To restaurar o modo DEMO, selecione "DE 1" no passo 3.

# aiwa

8C-KCG-906-01  
011120ATM-OX

Screw  
Tornillo  
Vis  
Parafuso  
Schraube  
Vite



## ENGLISH

If it is not required to detach the front panel from the unit, secure it to the unit with the supplied screw.

## ESPAÑOL

Si no fuera necesario desmontar el panel delantero de la unidad, asegúrelo a la unidad con el tornillo suministrado.

## FRANÇAIS

S'il n'est pas nécessaire de retirer le panneau avant, fixez-le à l'appareil avec la vis fournie.

## PORTUGUÊS

Se não for necessário remover o painel frontal do aparelho, fixe-o ao mesmo com o parafuso fornecido.

## DEUTSCH

Die Frontplatte braucht nicht vom Gerät abgetrennt zu werden; sichern Sie sie daher mit der mitgelieferten Schraube in ihrer Lage.

## ITALIANO

Se non è necessario staccare il pannello frontale dall'unità, fissarlo all'unità con la vite in dotazione.

## Notes on CD-R/CD-RW discs

- On this unit, in addition to an audio CD, you can play your original CD-R or CD-RW that contains audio titles.
- However, depending on the conditions of the recording equipment or the CD-R/CD-RW disc itself, some CD-Rs or CD-RWs cannot be played on this unit.
- DO NOT attach any seal, label or protection sheet, etc. onto the label side or the recording side of any CD-R/CD-RW, as it may cause a malfunction.

## Notas sobre los discos CD-R/CD-RW

- En este aparato, además de un disco compacto de audio, se pueden reproducir sus CD-R o CD-RW originales que incluyen títulos de audio.
- Sin embargo, según las condiciones del equipo de grabación o el disco CD-R/CD-RW en sí, algunos CD-R o CD-RW no pueden reproducirse en este aparato.
- NO pegue ningún sello, etiqueta u hoja de protección, etc. en el lado de la etiqueta o el lado de grabación de los CD-R/CD-RW ya que puede provocar un malfuncionamiento.

## Remarques sur les disques CD-R/CD-RW

- Sur cet appareil, outre les CD audio, vous pouvez lire des CD-R ou CD-RW originaux contenant des titres audio.
- Mais selon l'état de l'appareil d'enregistrement ou du CD-R/CD-RW lui-même, certains CD-R ou CD-RW ne sont pas lisibles sur cet appareil.
- NE collez PAS d'autocollant, d'étiquette ou de protection etc. sur la face portant l'étiquette ou sur la face d'enregistrement d'un CD-R/CD-RW, cela pourrait provoquer un mauvais fonctionnement.

## Notas sobre discos CD-R/CD-RW

- Nesta unidade, além de CDs de áudio, você pode reproduzir seus próprios CD-R ou CD-RW que contenham títulos de áudio.
- Contudo, dependendo das condições do equipamento de gravação ou do próprio disco CD-R/CD-RW, alguns CD-Rs ou CD-RWs não poderão ser reproduzidos nesta unidade.
- NÃO afixe nenhum selo, rótulo ou lâmina de proteção, etc. no lado da etiqueta ou no lado de gravação de qualquer CD-R/CD-RW, pois há risco de mau funcionamento.

# PRODUCT REGISTRATION CARD

Complete the attached registration card and return today to receive these 3 important benefits:

▶ ***Confirm Your Warranty:***

Your prompt product registration confirms your right to the protection available under the terms and conditions of your Aiwa warranty.

▶ ***Protect Your Product:***

We will keep the model number and date of purchase of your new Aiwa product on file to help you refer to this information when necessary.

▶ ***Register Your Purchase:***

Thank you for purchasing our product. Filling out the attached card is the only way of ensuring that we contact you in the event of any product issues that may arise.

# aiwa

Please **do not** send product or other correspondence to this address.

244A



Please  
Place  
First-Class  
Stamp  
Here

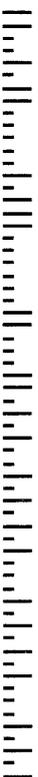
# aiwa

CAR AUDIO REGISTRATION DEPARTMENT  
PO BOX 1559  
DENVER CO 80201-1559

87-B50-055-01

980824A-D-3

Printed in Indonesia



**For Technical Assistance or for further AIWA information, please call 1-800-BUY-AIWA. Visit us on the Internet at [www.aiwa.com](http://www.aiwa.com)**

**AIWA AMERICA INC. ("AIWA") warrants to the original consumer purchaser that this product is free of defects in material and workmanship at the time of purchase.**

**WARRANTY PERIODS**

During the applicable LABOR warranty period, AIWA will pay labor and service charges for the repair of defects or, at its option, will replace a defective product with a new or remanufactured equivalent product. During the applicable PARTS warranty period, AIWA will supply at no charge new or rebuilt replacement parts in exchange for defective parts. However, after the LABOR warranty period, all labor and service charges are your responsibility. Replacement parts are warranted for the remainder of the original PARTS warranty period.

The LABOR and PARTS warranty periods for your product are listed below. **All warranty periods commence with the purchase date.**

	LABOR	PARTS
CAR	1 year	1 year

**WHO PERFORMS AIWA'S WARRANTY?**

AIWA's warranty obligations must be performed by an AIWA Authorized Service Center. For the name of the AIWA Authorized Service Center nearest to you call toll free 1-800-289-2492 (1-800-BUY-AIWA).

**WHAT YOU MUST DO**

To obtain warranty performance, you must take the product, or deliver the product freight prepaid, to an AIWA Authorized Service Center. If shipped, the product must be packaged so that it is protected from possible shipping damage. You must pick up the product when warranty performance is completed or, if you choose, and the product was received by the Service Center during the LABOR warranty period, the repaired product will be returned to you freight prepaid. You must present to the Service Center, or include with your shipment, a dealer's bill of sale, or other original evidence, showing the date and place of purchase and describing the product purchased. Be sure to include your return address and daytime telephone number where you can be reached should the need arise.

**WHAT THE WARRANTY DOES NOT COVER**

This warranty does not cover (1) products purchased outside of the U.S.A., Puerto Rico or the U.S. Virgin Islands; (2) product set-up, adjustment of controls, repair of antenna systems outside the unit; (3) removal or reinstallation, batteries, carrying case, AC adapters and other accessories packaged with the product; (4) defects occurring after purchase due to repair or service other than by an AIWA Authorized Service Center, product modification, accident, misuse, abuse, or negligence; or (5) reception problems caused by signal conditions, or cable or antenna systems outside the unit. This warranty will not apply if the serial number of the unit has been altered or removed.

REPAIR OR REPLACEMENT AS PROVIDED IN THIS WARRANTY IS THE PURCHASER'S EXCLUSIVE WARRANTY REMEDY. IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE DURATION OF THE APPLICABLE PARTS WARRANTY PERIOD. IN NO EVENT SHALL AIWA BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THIS PRODUCT. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

**PRODUCT REGISTRATION**

Although not required for warranty coverage, we urge you to return the attached Product Registration Card. The Product Registration Card will provide us with valuable marketing data and will enable AIWA to contact you should it ever be required.

**IF YOU NEED HELP:** Your AIWA Authorized Service Center should answer all of your warranty questions, or write to the AIWA Product Services Department, AIWA America, Inc., 800 Corporate Drive, Mahwah, New Jersey 07430-2048.

PLEASE CUT ALONG DOTTED LINE AND KEEP THIS PORTION FOR YOUR RECORDS)

**IMPORTANT! Please fill out and return within the next 10 days!**

**aiwa**

1.  Mr.    2.  Mrs.    3.  Ms.    4.  Miss

First Name: \_\_\_\_\_ Initial: \_\_\_\_\_ Last Name: \_\_\_\_\_ 244A

Address: (Number and Street) \_\_\_\_\_ Apt #: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**2 E-Mail Address:** \_\_\_\_\_

**3 Phone #:** \_\_\_\_\_ (Example: kaimathi@aol.com)

**4 Date of Purchase:**

Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_  
(EXAMPLE: CT-X927M)

**5 Model Purchased:** \_\_\_\_\_

**6 Serial Number:** \_\_\_\_\_

**7 Purchase Price:**

\$ \_\_\_\_\_ .00  
(EXCLUDING TAX)

**8 Store Name:** \_\_\_\_\_

**9 Is this: (Check all that apply)**

- 1.  A first time purchase of this product type?
- 2.  A replacement purchase of this product type?
- 3.  An additional purchase of this product type?
- 4.  A gift for you or someone else?

**14 Date of Your birth:**

Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**10 What three (3) factors most influenced your purchase of this Aiwa product?**

- 1.  Size
- 2.  Special Features
- 3.  Price/Value
- 4.  Quality
- 5.  Aiwa Reputation
- 6.  Magazine/Newspaper Article
- 7.  Previous Aiwa Experience
- 8.  Friend/Relative Recommendation
- 9.  Salesperson Recommendation
- 10.  Other \_\_\_\_\_

**15 Marital Status:** 1.  Married    2.  Single

**16 For your primary residence, do you:**

- 1.  Own?
- 2.  Rent?

**17 Education (Check which category applies):**

- 1.  High School    3.  Completed College
- 2.  Some College    4.  Graduate School

**18 Which best describes your family income?**

- 1.  Under \$15,000    5.  \$50,000-\$74,999
- 2.  \$15,000-\$24,999    6.  \$75,000-\$99,999
- 3.  \$25,000-\$34,999    7.  \$100,000-\$149,999
- 4.  \$35,000-\$49,999    8.  Over \$150,000

**19 Including yourself, what is the total number of people living in your household?**

(EXAMPLES: 01, 02, 03, 04.....)

**20 NOT including yourself, what are the AGES of any other people living in your household?**

Age (in years)

Male: \_\_\_\_\_

Female: \_\_\_\_\_

**11 What other brands did you consider?**

- 1.  Alpine    8.  Kenwood
- 2.  Audiovox    9.  Panasonic
- 3.  Blaupunkt    10.  Pioneer
- 4.  Clarion    11.  Rockford-Fosgate
- 5.  Eclipse    12.  Sony
- 6.  Jensen    13.  Other \_\_\_\_\_
- 7.  JVC    14.  None

**12 Do you own a personal computer?**

- 1.  Yes    2.  No

**13 Which of the following products do you own or plan to purchase?**

	Own	Plan to Buy
1. CD/MD Changer	1. <input type="checkbox"/>	2. <input type="checkbox"/>
2. Front Speakers	1. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Rear Speakers	1. <input type="checkbox"/>	2. <input type="checkbox"/>
4. Amp	1. <input type="checkbox"/>	2. <input type="checkbox"/>
5. Subwoofer	1. <input type="checkbox"/>	2. <input type="checkbox"/>
6. Equalizer	1. <input type="checkbox"/>	2. <input type="checkbox"/>
7. Headphones	1. <input type="checkbox"/>	2. <input type="checkbox"/>
8. Portable CD Player	1. <input type="checkbox"/>	2. <input type="checkbox"/>
9. Portable Cassette Player	1. <input type="checkbox"/>	2. <input type="checkbox"/>
10. None	1. <input type="checkbox"/>	2. <input type="checkbox"/>

**21 In the last six (6) months have you or your spouse:**

- 1.  Purchased clothes through the mail?
- 2.  Purchased gifts through the mail?
- 3.  Worked in your garden?
- 4.  Traveled on vacation?
- 5.  Purchased a PC or PC software?
- 6.  Purchased two or more books?
- 7.  Purchased cassettes/CDs?
- 8.  Donated to wildlife/environmental causes?
- 9.  Donated to charities?

Thank you for filling out this questionnaire. Your answers are important to us. Please check here [ ] if you would prefer not to participate in additional market research for Aiwa or obtain information on new and interesting opportunities from other companies.