

aiwa



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

CDC-X707M 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 right 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.

Welcome

Thank you for your purchasing this AIWA product. To optimize the performance of this unit, please read through this manual carefully.

In addition to this operating instructions manual, be sure to refer to the separate installation and connections manuals as well.

- Do NOT expose the CD to direct sunlight or excessive heat.



- Clean the CD before playback. Wipe the CD from the center outward with a cleaning cloth.



PRECAUTIONS

- This unit is designed to be operated on a 12-volt DC negative-ground electrical system only.
- To prevent short-circuiting, disconnect the negative car battery terminal until the unit has been mounted and connected completely.
- When replacing the fuse, be sure to use one whose amperage rating is identical. Use of a fuse of higher amperage may cause serious damage to the unit.
- Do NOT attempt to disassemble this unit. Laser rays 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 malfunctioning, or a safety hazard such as electrical shock or exposure of laser rays.
- When your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before operating it.
- Keep the volume at such a level that you can hear outside warning sounds (horns, sirens, etc.).

- NEVER use solvents such as benzine or alcohol to clean a CD.
- Smaller 3-inch (8-cm) CDs cannot be played on this unit. And do not use an adaptor as it may cause a malfunction. NEVER insert a 3-inch (8-cm) CD or its adaptor. If inserted, it may not eject.
- Do NOT use irregularly shaped CDs (example: heart-shaped, octagonal ones). Doing so may result in a malfunction. NEVER insert an irregularly shaped CD. If inserted, it may not eject.

NOTE

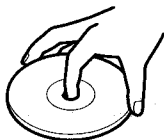
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

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:

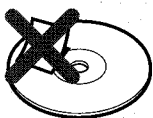
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notes on CDs

- A defective or soiled CD inserted in the unit can cause sound to drop out during playback.
- Handle a CD by holding its inner and outer edges.



- Do NOT touch the surface of the unlabeled side of a CD.
- Do NOT stick paper or tape etc. onto the surface.



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.

TABLE OF CONTENTS

PARTS AND CONTROLS 3

DETACHING AND ATTACHING THE FRONT PANEL 4

SETTING THE CLOCK 5

RADIO OPERATION 5

PRESETTING STATIONS 6

MY INFORMATION SWITCH 8

CD PLAY 10

SOUND ADJUSTMENTS 11

CD CHANGER PLAY 14

CONNECTING A PORTABLE CASSETTE/MD/MP3 PLAYER OR OTHER EQUIPMENT 15

SETTING THE BEEP TONE 16

SETTING THE CONTRAST CONTROL 16

STEERING-WHEEL-MOUNTED REMOTE CONTROL UNIT 17

TROUBLESHOOTING 20

MAINTENANCE 21

SPECIFICATIONS 21

DEMO (Demonstration) mode

The unit has an extra display mode (DEMO mode), which demonstrates the display of the operation 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.

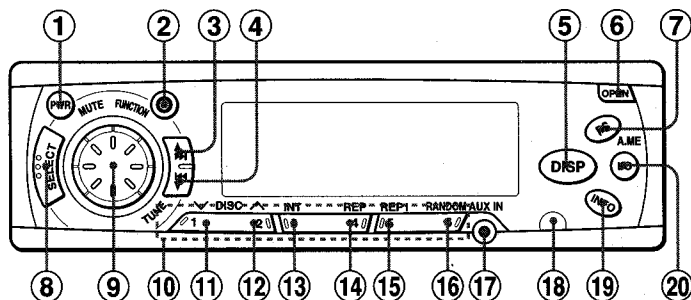
To cancel DEMO mode

During DEMO mode, press and hold DISP for more than 2 seconds.
To resume DEMO mode, press and hold DISP again for more than 2 seconds.

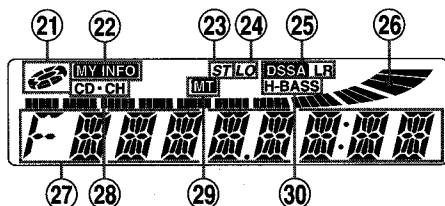
In addition to ordinary CDs, CD-Rs or CD-RWs can be read by this unit. However, NEVER use a CD-R or CD-RW that contains no data or data in the wrong format, such as MP3 or other computer files.
Depending on the conditions of the recording equipment, text data stored in a CD-R or CD-RW may not be displayed.

PARTS AND CONTROLS

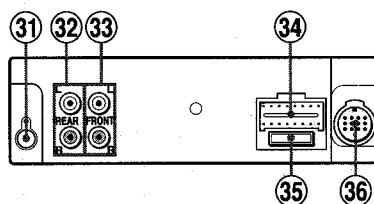
Front panel



Display window



Rear panel



Front panel

- ① PWR (power on/off)/MUTE button
- ② FUNCTION button
- ③ TUNE ▲/▶ (forward skip) button
- ④ TUNE ▼/◀ (back skip) button
- ⑤ DISP (display) button
- ⑥ OPEN button
- ⑦ A.M.E. (Auto Memory)/PS (Preset Scan) button
- ⑧ SELECT button
- ⑨ Jog Dial
- ⑩ Preset station buttons 1 – 6
- ⑪ DISC ∨ button*
- ⑫ DISC ∧ button*
- ⑬ INT (intro) button
- ⑭ REP (repeat) button*
- ⑮ REP1 (repeat 1) button
- ⑯ RANDOM button
- ⑰ AUX IN jack (3.5-mm dia.)
- ⑱ Sensor for the remote control
- ⑲ MY INFO (My Information) button
- ⑳ LO (local) button

Display window

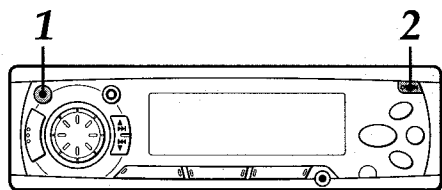
- ⑳ CD running indicator
- ㉑ MY INFO (My Information) indicator
- ㉒ ST (stereo) indicator
- ㉓ LO (local) indicator
- ㉔ DSSA (Drivers Sound Stage Adjustment) indicator
- ㉕ Level indicator
- ㉖ Main display section
- ㉗ CD/CD-CH (CD changer) indicator
- ㉘ MT (mute) indicator
- ㉙ H-BASS (High BASS) indicator

Rear panel

- ㉚ Antenna jack
- ㉛ REAR preout jacks
- ㉜ FRONT preout jacks
- ㉝ Power supply/speaker connector
- ㉞ Fuse
- ㉟ CD changer connector

* Usable only when an optional CD changer is connected.

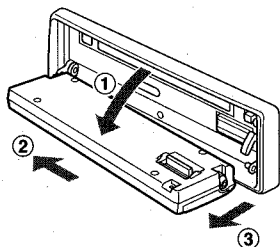
DETACHING AND ATTACHING THE FRONT PANEL



You can detach the front panel from the unit and carry it with you when you leave your car unattended.

When you carry the front panel out of your car, use the supplied carrying case.

- 1 Press and hold PWR for more than 2 seconds to turn the unit off.**
- 2 Press OPEN to open the front panel and pull it out as illustrated ① – ③.**

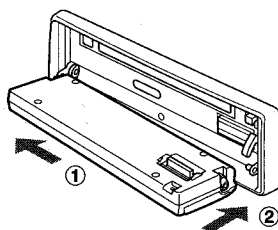


Notes

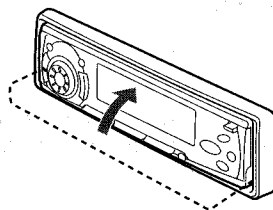
- When you leave the front panel open, do not put anything on the panel.
- When you carry the front panel in the carrying case, do not drop or apply mechanical shock to the panel, and never let the panel become wet.

Attaching the front panel

- 1 Fit the lower side of the front panel to its hinge pegs as illustrated ① – ②.**



- 2 Close the front panel.**

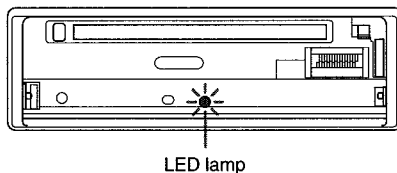


Notes

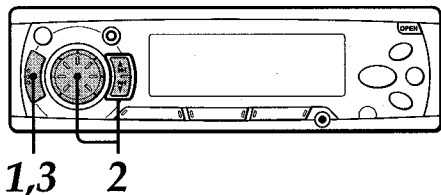
- Do not press OPEN by accident when you push the front panel to secure it in above procedure.
- Do not touch the connector on the reverse side of the front panel, as doing so may contaminate the connector and cause poor connection, resulting in a malfunction.

Security Lamp

When the front panel is detached, you can find an LED lamp on the front side of the unit. This lamp is designed to deter theft, and continues to flash when the front panel is detached. This unit is not equipped with any other security system, such as a security alarm, so there are limitations to its effectiveness.



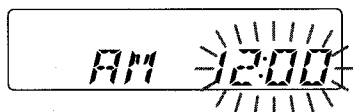
SETTING THE CLOCK



To turn the unit ON

You can turn the unit on by pressing any button on the front panel except OPEN and the Jog Dial.

- 1 With the unit on, press and hold **SELECT** for more than 2 seconds until the clock indication appears.



- 2 Press **TUNE ▲**, then rotate the Jog Dial to set the hour.
Press **TUNE ▼**, then rotate the Jog Dial to set the minute.

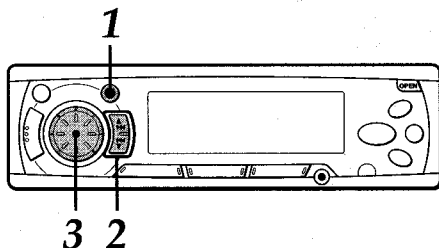
Rotate the Jog Dial clockwise to go forward.
Rotate the Jog Dial counterclockwise to go backward.

- 3 Press **SELECT**.

The clock starts working from 0 second.

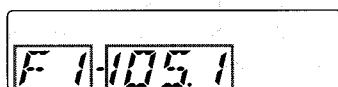
To have the clock displayed when the unit is on
Press **DISP**. To return the unit to its former display, press **DISP** again.

RADIO OPERATION



- 1 Press **FUNCTION** repeatedly to select the band from among **F1 (FM1)**, **F2 (FM2)**, **F3 (FM3)**, **A1 (AM1)** and **A2 (AM2)**. The band indications appear cyclically in order.

- F1, F2 and F3 share the same frequency range.
- A1 and A2 share the same frequency range.



Band indication Frequency indication

- 2 Press (and hold for more than 2 seconds) either **TUNE ▼** or **TUNE ▲** to tune in the desired station.

The unit starts scanning and tunes in a station automatically (seek tuning).

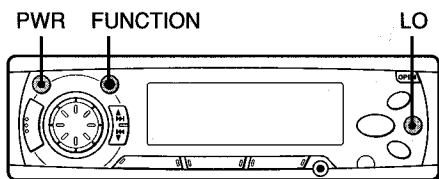
Press **TUNE ▼** to decrease and **TUNE ▲** to increase the frequency.

Press the button again to cancel seek tuning.
Repeat the procedure until the desired station is tuned in.

Note

If you press (for less than 0.5 second at a time) either **TUNE ▼** or **TUNE ▲**, the frequency decreases or increases step by step.

- 3 Adjust the volume with the Jog Dial.



To turn the unit off

Press and hold PWR for more than 2 seconds. If you press this button for less than 2 seconds, it functions as MUTE.

Note

The unit turns on in the last mode selected when you turned off the unit.

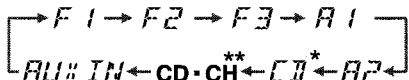
LO (local/DX) button

You can use Local mode when you wish to tune in only strong stations during seek tuning. In Radio mode, press LO to select Local mode. The "LO" indicator lights up.

- Press LO to cancel Local mode and switch to DX (distance) mode.
- The "ST" (stereo) indicator lights up when the tuned-in station is broadcasting in stereo and the reception is good.

FUNCTION button

Each time you press FUNCTION, the unit switches to one of the following modes, in cyclic order.

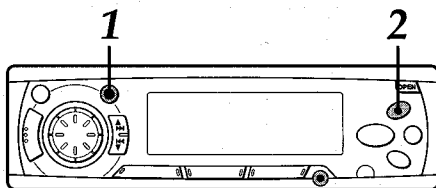


* CD Play mode (available while a CD is in the player)

** CD Changer Play mode (available while the optional CD changer is connected)

PRESETTING STATIONS

To preset stations automatically (Auto Memory)



- 1 Press FUNCTION repeatedly to select a desired band from among F1 (FM1), F2 (FM2), F3 (FM3), A1 (AM1) and A2 (AM2).

F 1105.1

- 2 Press and hold A.ME/PS for more than 2 seconds to activate the automatic presetting function.

The six strongest stations found will be stored in memory for preset station buttons 1 to 6 in order of their signal strength. The "A MEM" indication appears while the unit is in this mode.

Use this function to automatically preset up to 6 stations each for F1, F2, F3, A1 and A2 (up to a total of 30 stations).

- When the auto memory operation is completed, the preset stations are automatically tuned in for 5 seconds each in order.
- To stop the auto memory operation, press A.ME/PS again.

To check the preset stations (Preset Scan)

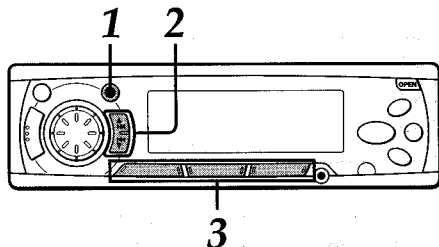
- If you wish to check the preset stations, press A.ME/PS for less than 2 seconds. The preset stations stored in memory will be tuned in for 5 seconds each in order.
- To stop this function, press A.ME/PS again or press any of the preset station buttons 1 to 6.

continued

PRESETTING STATIONS

To preset stations manually

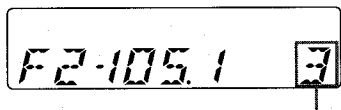
You can manually preset stations that have not been selected by an auto memory operation.



- 1 Press **FUNCTION** repeatedly to select the band from among F1 (FM1), F2 (FM2), F3 (FM3), A1 (AM1) and A2 (AM2).
- 2 Tune in the station that you wish to preset with **TUNE ▼** or **TUNE ▲**.
- 3 Press and hold one of the preset station buttons 1 to 6 for approximately 2 seconds.

While the station you are presetting is being registered in memory, the unit beeps.

The preset station number appears to the right of the frequency indication.

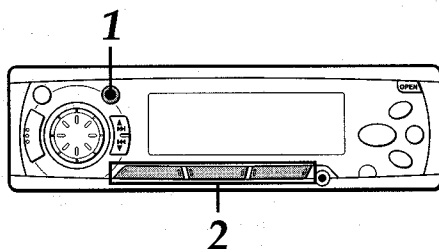


Preset station number

Repeat these procedures to preset up to 6 stations each for F1, F2, F3, A1 and A2.

- If you preset a station on a preset station button on which another station of the same band has already been preset, the previously preset station will be erased.

To tune in a preset station



- 1 Press **FUNCTION** repeatedly to select a desired band from among F1 (FM1), F2 (FM2), F3 (FM3), A1 (AM1) and A2 (AM2).
- 2 Press the desired preset station button. The preset station number appears to the right of the frequency indication.

Active tuning reception control (ATRC)

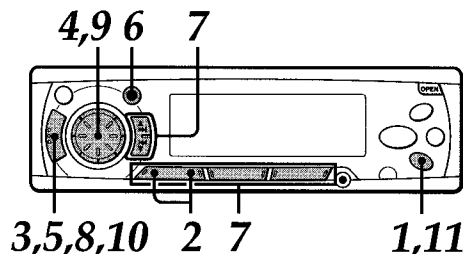
This unit automatically suppresses FM noise caused by varying signal strength resulting from movement of the car.

- The built-in automatic blending circuit mixes the left and right channel signals according to the strength of the reception. At the same time, the high-cut circuit activates to maintain sound quality.
- If the reception becomes even weaker, the unit automatically switches to Monaural mode to reduce noise.

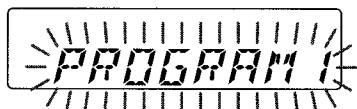
MY INFORMATION SWITCH

You can timer-activate the radio for up to two daily radio programs. The unit turns on and off in Radio mode at the preset turn-on and turn-off times automatically.

Setting the timer

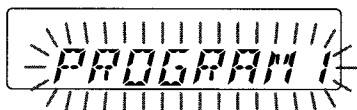


- 1 With the unit off, press and hold INFO for more than 2 seconds. The "PROGRAM1" or "PROGRAM2" indication flashes in the display window.

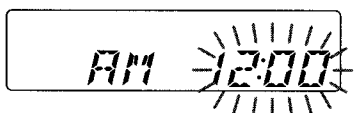


The number for which no program is preset flashes.

- 2 Press either preset station button 1 or 2 to select program 1 or 2.



- 3 Press SELECT. The "ON TIME" indication flashes. Press SELECT again. The timer indication flashes.

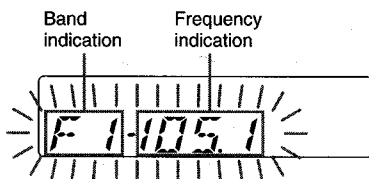


- 4 Set the time you wish the unit to turn on in Radio mode.

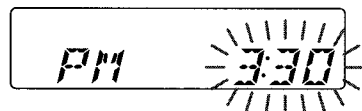
Press TUNE ▲, then rotate the Jog Dial to set the hour.

Press TUNE ▼, then rotate the Jog Dial to set the minute.

- 5 Press SELECT. The "BAND SEL" indication flashes. Press SELECT again. The radio indication flashes.



- 6 Press FUNCTION repeatedly to select the band.
- 7 Tune in the station that you wish to preset with TUNE ▲ or TUNE ▼ or one of the preset station buttons 1 to 6.
- 8 Press SELECT. The "OFF TIME" indication flashes. Press SELECT again. The timer indication flashes.



- 9 Set the time you wish the unit to turn off. Press TUNE ▲, then rotate the Jog Dial to set the hour. Press TUNE ▼, then rotate the Jog Dial to set the minute.
- 10 Press SELECT. The clock indication appears.
- 11 Press INFO. Your setting is stored in memory, and the unit turns off.

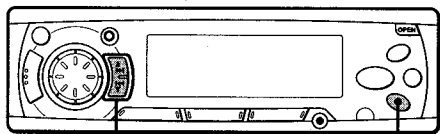
- If you preset another program, repeat all the steps from step 1.
- To cancel a timer setting in progress, press and hold PWR for more than 2 seconds.

continued

MY INFORMATION SWITCH

Activating the timer

You can activate the timer for program 1 and/or program 2.



- 1 With the unit on, press INFO.**
The "PRG1 ON" or "PRG1 OFF" indication (the current setting for program 1) appears.
- 2 Press TUNE ▼ or TUNE ▲ repeatedly until the "PRG1 ON" indication flashes.**
- 3 Press INFO.**
The "PRG2 ON" or "PRG2 OFF" indication (the current setting for program 2) appears.
- 4 Press TUNE ▼ or TUNE ▲ repeatedly until the "PRG2 ON" indication flashes.**
- 5 Press INFO to activate the timer.**
The "MY INFO" indicator lights up.

If you do not proceed to the next step within 5 seconds in steps 1 – 4, the display returns to the current source indication.

To cancel the timer

To cancel program 1, press INFO, then press TUNE ▼ or TUNE ▲ repeatedly until the "PRG1 OFF" indication flashes in step 2.

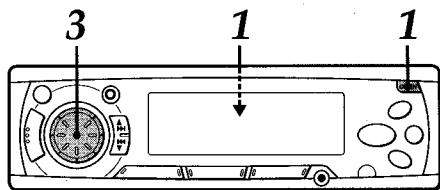
To cancel program 2, press INFO, then press TUNE ▼ or TUNE ▲ repeatedly until the "PRG2 OFF" indication flashes in step 4.

Notes

- When you preset two programs, be sure that they do not overlap.
- Even if the unit is in a mode other than Radio mode, the unit switches to Radio mode and tunes in the preset radio program at the preset time automatically. When the program is over, the unit returns to the former mode automatically.
- When this function is activated, TUNE ▼/▲, A.ME/PS, LO, and the preset number buttons do not work for tuning in stations.
- Even if the unit is turned off and on, or the front panel is detached and attached, this function is active until turn-off time.
- Even if you are listening to a radio program with this function, pressing FUNCTION switches the unit to another mode. If you switch modes with FUNCTION, the unit does not turn off at the turn-off time of the timer.

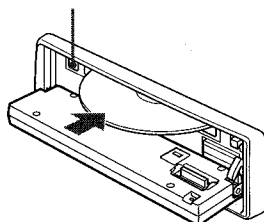
CD PLAY

You can play a CD, CD-R, or CD-RW by following the procedure below.



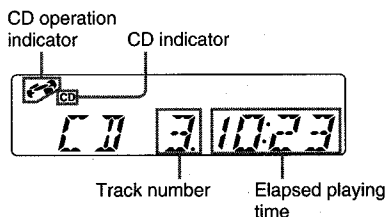
- 1 Press **OPEN** to open the front panel and insert a CD with the labeled side upward to start CD play.

▲ (eject) button



- 2 Close the front panel.

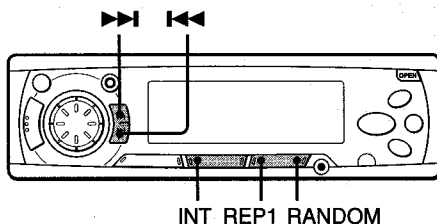
The track number and elapsed playing time will be displayed.



- 3 Adjust the volume with the Jog Dial.

Notes

- If a CD is already inserted, press **FUNCTION** repeatedly to select CD Play mode to start CD play.
- Be sure to close the front panel after inserting or ejecting a CD.



Button operations in CD Play mode

Press	To
▲	Eject a CD.
▶▶	Skip to the next track with a short press (for less than 0.5 second). Each extra press skips forward one extra track. To search forward rapidly, press and hold ▶▶ until the desired part is played, then release it.
◀◀	Restart the track currently in play with a short press (for less than 0.5 second). Each extra press skips backward one extra track. To search backward rapidly, press and hold ◀◀ until the desired part is played, then release it.

Switching modes

When the unit is in a mode other than CD Play mode, inserting a CD switches the unit to CD Play mode automatically.

Notes

- Smaller 3-inch (8-cm) CDs cannot be played on this unit. And do not use an adaptor, as it may cause a malfunction.
- When you insert a CD, CD play starts with the first track on the CD. In other cases (when switching from the radio operation or turning on the unit), CD play starts at the point on the CD where it had stopped previously.
- When you insert a CD-R/CD-RW, it may take longer to start playing.
- A CD-R/CD-RW cannot be played if it contains no data or data in the wrong format, etc. In those cases, the indication "ERROR03" appears.

continued

CD PLAY

Intro play

Press INT during CD play.

The "SCAN" indication lights up, and the first 10 seconds of all the tracks on the CD are played in order.

When the desired track is found, press INT again. The unit returns to normal CD play.

Repeat play

Press REP1 during CD play.

The "REPEAT 1" indication lights up, and the currently selected track is played repeatedly.

Press REP1 again to cancel Repeat play.

Note

If Repeat play is not activated, all the tracks on the CD are played repeatedly.

Random play

Press RANDOM during CD play.

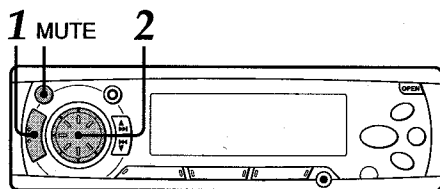
The "RANDOM" indication lights up, and the tracks on the CD are played in random order.

Press RANDOM again to cancel Random play.

Note

During Random play, even if ◀◀ is pressed repeatedly, it won't take you back to previous tracks, only to the beginning of the current track.

SOUND ADJUSTMENTS



- 1 Press SELECT repeatedly to select the mode that you wish to adjust from: **BASS**, **TRE** (treble), **BAL** (balance), **FAD** (fader) and **VOL** (volume).

Each time you press SELECT, one of the following indicators appears, in cyclic order.



If you do not proceed with the following step 2 within 5 seconds, the selected mode is canceled, and the indication returns to the current source mode.

- 2 Rotate the Jog Dial to adjust the level. Adjust each mode referring to the audio control indications in the display window.

	Counterclockwise	Clockwise
<i>BASS</i>	Decreases the bass level	Increases the bass level
<i>TRE</i>	Decreases the treble level	Increases the treble level
<i>BAL</i>	Decreases the level of the right speaker(s)	Decreases the level of the left speaker(s)
<i>FAD</i>	Decreases the level of the front speakers	Decreases the level of the rear speakers
<i>VOL</i>	Decreases the volume level	Increases the volume level

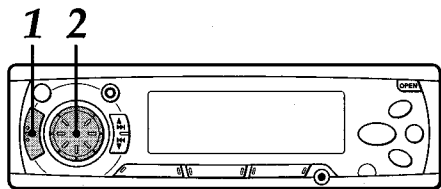
Without selecting any mode with SELECT, only the volume level can be adjusted by rotating the Jog Dial.

MUTE button

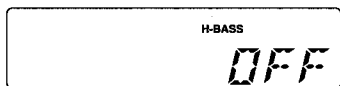
Press this button to temporarily lower the volume. Press it again to restore the previous volume. The "MT" indicator flashes while the mute function is active.

H-BASS (High BASS)

You can enjoy music with strong bass sound.

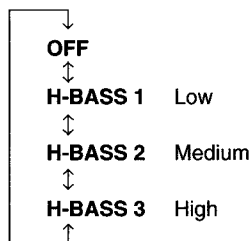


- 1 Press **SELECT** repeatedly to select **H-BASS (High BASS)** mode.



- 2 Rotate the **Jog Dial** to select the bass sound level.

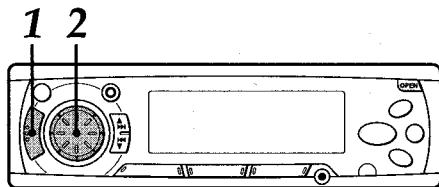
The bass sound level changes as follows.



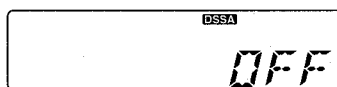
When **H-BASS** is activated, the “**H-BASS**” indicator lights up.

DSSA (Drivers Sound Stage Adjustment)

You can adjust sound stage and tone balance to best serve a particular seat in the car.

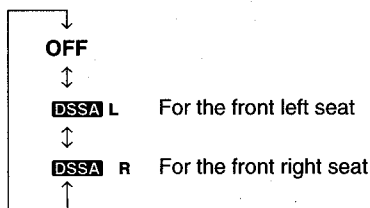


- 1 Press **SELECT** repeatedly to select **DSSA (Drivers Sound Stage Adjustment)** mode.



- 2 Rotate the **Jog Dial** to select the position of sound stage.

Sound stage changes as follows.



Note

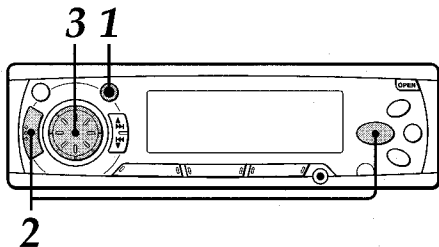
When **DSSA** is activated, you cannot adjust **BAL** (balance), **FAD** (fader), **BASS** and **TRE** (treble) modes.

continued

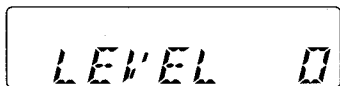
SOUND ADJUSTMENTS

Source Level Adjuster

You can adjust the output level in each mode to equalize the volume level.



- 1 Press **FUNCTION** repeatedly to select the desired mode.
- 2 Press **DISP** while pressing **SELECT**. The "LEVEL 0" indication appears.



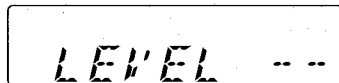
- 3 Rotate the **Jog Dial** to adjust the level. Rotate clockwise to increase the output level. Rotate counterclockwise to decrease the output level.
If you do not operate the Jog Dial within 5 seconds, this function is canceled, and the indication returns to the current source mode.

Returning to the factory settings

Adjusted settings of VOL, BASS, TRE, BAL, FAD, H-BASS, DSSA, and source level can be returned to the factory settings with a simple operation.

- 1 With the unit off, press and hold **DISP** for more than 2 seconds.

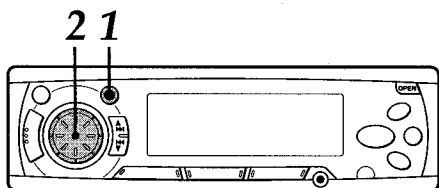
The "LEVEL--" indication appears, and all sound settings are returned to the factory settings.



CD CHANGER PLAY

You can play CDs with this unit by connecting the optional AIWA CD changer. Make sure that the disc magazine loaded with the CDs is inserted in the connected CD changer.

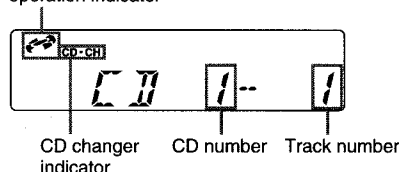
To install the unit, refer to the separate Installation and Connections manual.



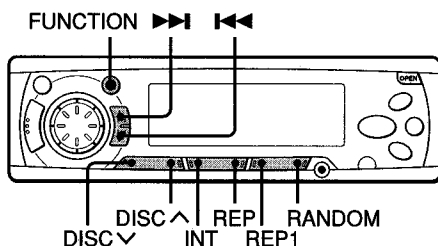
- 1 Press FUNCTION repeatedly to select CD Changer Play mode to start playing the CD.**

The CD and track numbers will be displayed.

CD changer operation indicator



- 2 Adjust the volume with the Jog Dial.**



To switch modes

If you wish to switch to another mode, press FUNCTION.

To skip tracks

Buttons	Press*	Press and hold
▶▶	Skips to the next track	Advances rapidly Release it to resume play
◀◀	Skips back to the beginning of the current track or the previous track	Reverses rapidly Release it to resume play

* Press for less than 0.5 second.

To play another CD

To start playing the previous CD in the disc magazine, press DISC √.

To start playing the next CD, press DISC ^.

The CD number appears.

Intro play

Press INT (the "SCAN" indication appears).

The first 10 seconds of each track on all the CDs in the disc magazine are played in sequence.

To cancel Intro play, press INT again.

Repeat play

To repeat the current track, press REP1 (the "REPEAT 1" indication appears).

To repeat the current CD, press REP (the "REPEAT" indication appears).

To cancel either mode, press the same button again.

continued

CD CHANGER PLAY

Random play (with optional AIWA CD changer only)

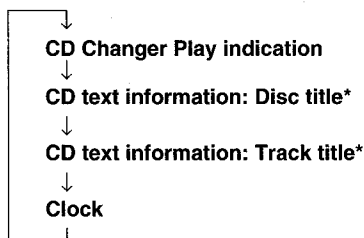
Press **RANDOM** (the “RANDOM” indication appears).

All the tracks on the current CD are played in random order.

To cancel Random play, press **RANDOM** again.

CD text information

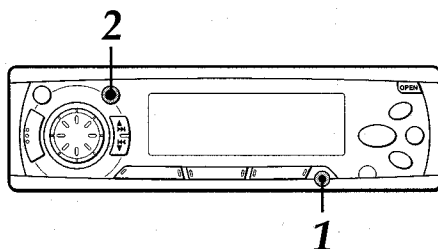
CD text information is available only if an **AIWA CD changer** that supports CD text is connected to this unit and a CD with CD text is played on it. Each time you press **DISP**, the display changes as follows.



*CD text information (disc title, track title) is displayed only if it is available.

CONNECTING A PORTABLE CASSETTE/MD/MP3 PLAYER OR OTHER EQUIPMENT

This unit is equipped with a line-level input (AUX IN) jack, enabling high sound quality.



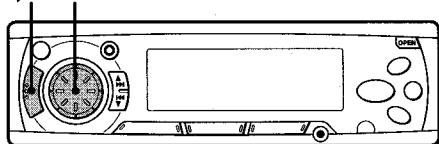
- 1** Connect a portable cassette/MD/MP3 player, etc. via the **AUX IN** jack (3.5-mm dia.) of the unit.
- 2** Press **FUNCTION** repeatedly to select **AUX IN** mode.
The “AUX IN” indication appears.
- 3** Start playback from the connected equipment.

• For further information on the portable cassette/MD/MP3 player, etc., refer to the operating instructions for that equipment.

SETTING THE BEEP TONE

The unit is preset at the factory to beep each time you press any button on the front panel except OPEN (no beep with the Jog Dial). You can mute this beeping by following the procedure below.

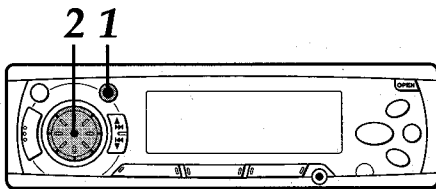
1,3 2



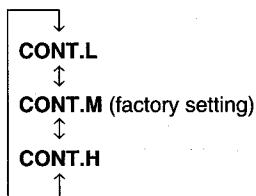
- 1 With the unit off, press and hold **SELECT** for more than 2 seconds.
- 2 Rotate the Jog Dial to select "BEEP ON" or "BEEP OFF".
- 3 Press **SELECT**.
The unit turns off.

SETTING THE CONTRAST CONTROL

You can change the contrast of the display.



- 1 With the unit on, press and hold **FUNCTION** for more than 2 seconds.
The current contrast indication appears.
- 2 Rotate the Jog Dial to select the contrast from among the following three levels.

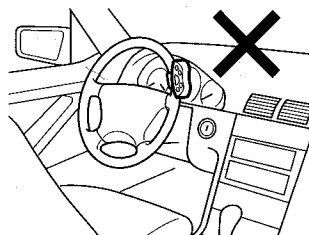
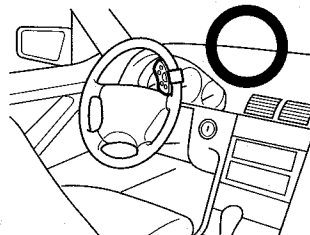


STEERING-WHEEL-MOUNTED REMOTE CONTROL UNIT

Precautions

- When the infrared receptor on the main unit is exposed to direct sunlight, it may not respond to signals from the remote control unit.
- While driving, keep your eyes on the road as you operate the remote control unit. NEVER operate the remote control unit while turning.
- Do NOT install the remote control unit where it may hinder the function of any safety device, such as an air bag.
- Be sure to install the remote control unit securely on the steering wheel. Unstable installation may interfere with operation of the vehicle.
- Do NOT install the remote control unit where it will obstruct your view of the instrument panel.
- Be sure to install the remote control unit on the side of the steering wheel closer to the main unit. If you install the remote control unit on the opposite side from the main unit, the infrared signal may not reach the main unit's receptor, disabling remote operation.

- There may be cases in which the infrared signal does not reach the infrared receptor on the main unit, depending on the installation location.
- Do NOT install the remote control unit on the outer rim of the steering wheel. Doing so may hinder steering and cause a traffic accident. Be sure to install the remote control unit on the inner rim of the steering wheel.



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.

Supplied mounting kit

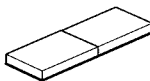
The letters below are keyed to those in the instructions.

Use only the supplied mounting hardware for safe and secure installation.

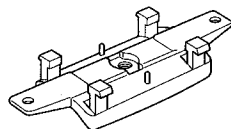
(a) Allen screw M3 × 4 (1 ea.)



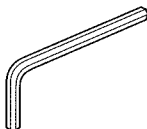
(c) Cushion (2 ea.)



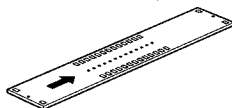
(e) Inner belt holder (1 ea.)



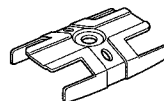
(b) Allen wrench (1 ea.)



(d) Belt (1 ea.)



(f) Outer belt holder (1 ea.)

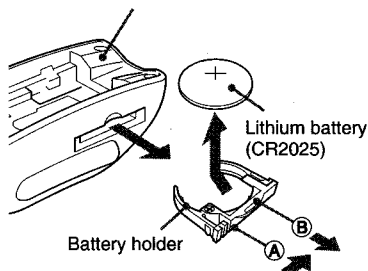


Setting up the remote control unit

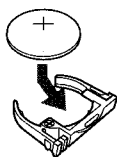
Replacing the battery

- 1 Pull out the battery holder, gripping the claw **B** while pressing the groove **A** to the right to remove the lithium battery.

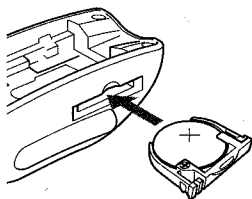
Steering-wheel-mounted remote control unit



- 2 Install a new lithium battery with the + side facing upward in the battery holder.



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



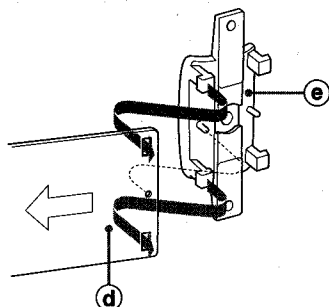
CAUTION

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

Installing the remote control unit

Installation in a vehicle with left-hand drive

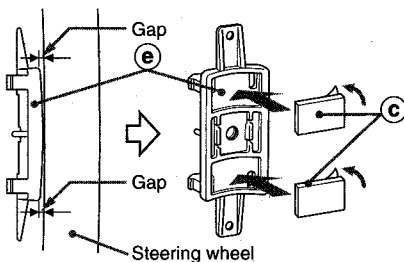
- 1 Attach the belt **d** to the inner belt holder **e**.



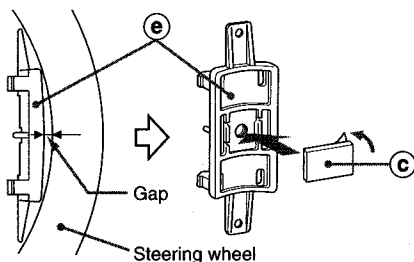
Note

If the inner belt holder **e** does not fit the steering wheel, attach the cushion **c** to the belt holder as illustrated.

Large steering wheel



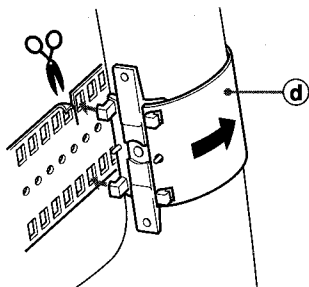
Small steering wheel



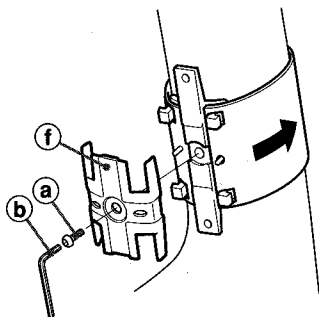
continued

STEERING-WHEEL-MOUNTED REMOTE CONTROL UNIT

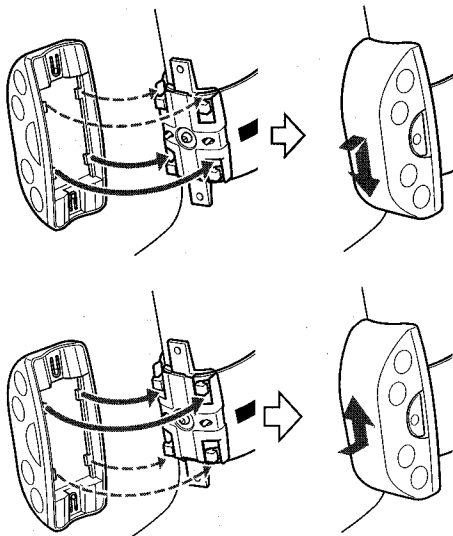
- 2 Wind the belt ④ around the rim of the steering wheel and fit the holder's claws into the holes of the belt to secure the holder. The excess must be trimmed off, as illustrated.



- 3 Attach the outer belt holder ① securely to the inner belt holder.

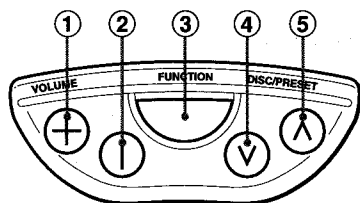


- 4 Attach the remote control unit to the belt holder. Align the claws of the inner belt holder with the grooves of the remote control unit, then slide the remote control unit toward the holder to secure it. You can slide the unit toward either side, depending on the installation location.



Note

When you install the remote control unit in a vehicle with left-hand drive, be sure to install it on the inner rim on the right-hand side of the steering wheel. On a vehicle with right-hand drive, install it on the left-hand side.



① VOLUME + button

To increase the volume.

② VOLUME - button

To decrease the volume.

③ FUNCTION button

To select Radio, CD Play, CD Changer Play or AUX IN mode.

④ DISC/PRESET V button

CD: Press and release to skip back to the beginning of the current track. Press again to skip back to the previous track.

Press and hold to reverse rapidly. Release to resume play.

CD changer:

Press and release to skip back to the beginning of the current track.

Press and hold to switch to the previous CD.

Radio:

Each press of the button tunes in the next preset station, in descending order.

⑤ DISC/PRESET ^ button

CD: Press and release to skip to the next track.

Press and hold to advance rapidly. Release to resume play.

CD changer:

Press and release to skip to the next track.

Press and hold to switch to the next CD.

Radio:

Each press of the button tunes in the next preset station, in ascending order.

TROUBLESHOOTING

Error codes

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

ERROR01 The disc magazine is not properly inserted in the CD changer. Reinsert the magazine. Refer to the instruction manual for the CD changer.

ERROR02 No CDs are loaded in the disc magazine. Insert CDs properly. Refer to the instruction manual for the CD changer.

ERROR03 Focus error. Check that the discs are loaded properly in the disc magazine (right side up, etc.).

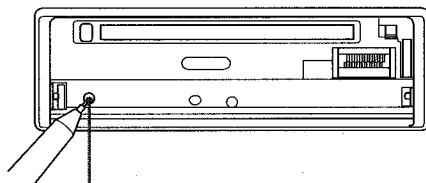
ERROR04 Problem with the CD changer. Reset the unit by pressing the Reset button. If this does not solve the problem, consult an AIWA service center.

ERROR05 The CD changer is overheated. Allow the changer to cool off by moving the vehicle out of direct sunlight.

Reset button

The Reset button is visible when you detach the front panel. Try pressing this button if a connected CD changer does not operate properly. When you press this button, use the tip of a pointed object such as a pencil or toothpick.

Note that all your settings stored in memory, however, will be erased if you press this button.



Reset button

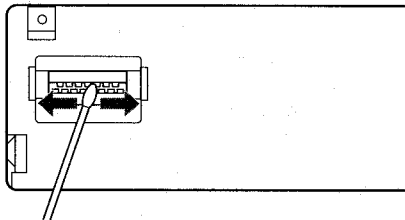
MAINTENANCE

Cleaning the front panel

When the front panel is soiled, wipe the surface of the panel with a soft, dry cloth.

Cleaning the connector

The connector on the reverse side of the front panel needs to be cleaned occasionally. Wipe the surface of the connector with a cotton swab slightly moistened with alcohol.



SPECIFICATIONS

RADIO SECTION

(FM)

Frequency Range: 87.5 MHz – 108 MHz
(100-kHz steps)*
87.5 MHz – 108 MHz
(50-kHz steps)*
Usable Sensitivity: 12.7 dBf
50 dB Quieting Sensitivity: 17.2 dBf
IF Rejection: 80 dB
Frequency Response: 30 Hz – 15,000 Hz
S/N Ratio: 63 dB
Stereo Separation: 35 dB at 1 kHz
Alternate Channel Selectivity: 70 dB
Capture Ratio: 3 dB

(AM)

Frequency Range: 530 kHz – 1,710 kHz
(10-kHz steps)*
531 kHz – 1,602 kHz
(9-kHz steps)*
Usable Sensitivity: 30 μ V (30 dB)

*** Set the frequency increment for your area using the switch on the bottom of the unit.**

(The switch is set at the factory to the 10k position [for the U.S.A.])

CD SECTION

Frequency Response: 17 Hz–20 kHz +0/–3 dB
Dynamic Range: More than 80 dB
Channel Separation: More than 65 dB
S/N Ratio: More than 85 dB
Wow/Flutter: Unmeasurable

AUDIO SECTION

Max. Power Output: 45 W \times 4 channels

AUX IN input

Input sensitivity (load impedance)
AUX IN: 300 mV (10 k Ω)

GENERAL

Power-Supply Voltage:

14.4 V (11 to 16 V allowable),
DC, negative ground

Load Impedance:

4 Ω

Tone Control:

Bass ± 10 dB at 100 Hz
Treble ± 10 dB at 10 kHz

Preamp Output Voltage (load impedance):

2.2 V (10 k Ω)

Installation size:

182 (W) \times 53 (H) \times 155 (D) mm
(7 $\frac{1}{4}$ (W) \times 2 $\frac{1}{8}$ (H) \times 6 $\frac{1}{8}$ (D)
inches)

Accessory supplied:

Carrying case (1)

STEERING-WHEEL-MOUNTED REMOTE CONTROL UNIT

Dimensions :

approx. 67 (W) \times 26 (H) \times
27 (D) mm
(2 $\frac{3}{4}$ (W) \times 1 $\frac{1}{16}$ (H) \times
1 $\frac{1}{8}$ (D) inches)
(excluding holder)

Weight:

approx. 38 g (1.33 oz.)
(including holder, battery)

Accessory supplied:

Mounting kit (1 set)
Lithium battery (1)

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

