

# aiwa

## CD Stereo System

### XR-TC80



**U C**

#### Owner's record

For your convenience, record the model number and serial number (you will find them on the rear 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. (Lot No.)

For assistance and information

**call toll free 1-800-BUY-AIWA**

(United States and Puerto Rico)

8C-DC1-903-01  
020610AMI-H-BF

OPERATING INSTRUCTIONS

**En** (English)

MANUAL DE INSTRUCCIONES

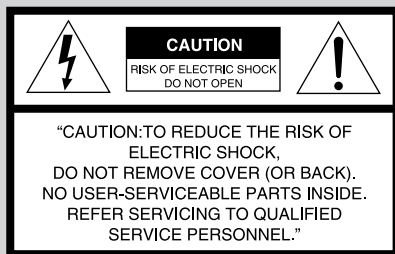
**E** (Español)

MODE D'EMPLOI

**F** (Français)

**WARNING**

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**Explanation of Graphical Symbols:**

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**IMPORTANT SAFETY INSTRUCTIONS**

Read the Operating Instructions carefully and completely before operating the unit. Be sure to keep the Operating Instructions for future reference. All warnings and cautions in the Operating Instructions and on the unit should be strictly followed, as well as the safety suggestions below.

**Warning**

To prevent electric shock or injury, these safety instructions should be followed in the installation, use and servicing the unit.

**Installation**

**Attachments** - Do not use attachments not recommended by the unit manufacturer as they may result in the risk of fire, electric shock or injury to persons.

**Water and Moisture** - Do not use this unit near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

**Heat** - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat. It also should not be placed in temperatures less than 5°C (41°F) or greater than 35°C (95°F).

**Mounting surface** - Place the unit on a flat, even surface.

**Accessories** - Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the unit. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

**Portable cart** - An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



**Ventilation** - The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm clearance from the rear and the top of the unit, and 5 cm from the each side.

Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to ensure reliable operation of the unit and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the unit on a bed, sofa, rug or other similar surface. This unit should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

**Object and Liquid Entry** - Never push objects of any kind into this unit through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.

**Electric Power**

**Power Sources** - This unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. To operate unit on battery power, or other sources, refer to the operating instructions.

**Grounding or Polarization** - This unit is provided with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

**Power-Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

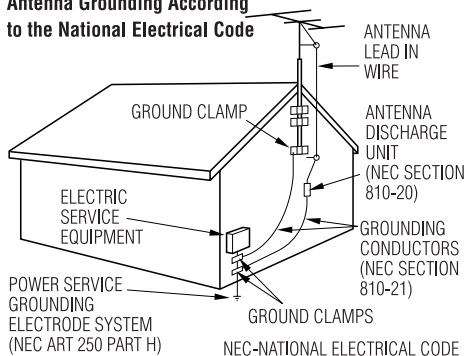
**Overloading** - Do not overload wall outlets, extension cords, integral convenience receptacles as this can result in a risk of fire or electric shock.

## Outdoor Antenna

**Power lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

**Outdoor Antenna Grounding** - If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No.70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See the figure.

### Antenna Grounding According to the National Electrical Code



## Lightning

For added protection for this unit receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and powerline surges.

## Maintenance

**Cleaning** - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

## Damage Requiring Service

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- 1) When the power cord or plug is damaged.
- 2) If liquid has been spilled, or objects have fallen into the unit.
- 3) If the unit has been exposed to rain or water.
- 4) If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to normal operation.
- 5) If the unit has been dropped or the cabinet has been damaged.
- 6) When the unit exhibits a distinct change in performance - this indicates a need for service.

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

**Safety Check** - Upon the completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.

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## System and accessories

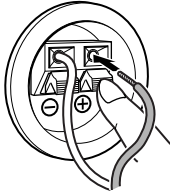
Main unit CX-LTC80  
Speakers SX-LTC80  
Remote control  
FM antenna  
AM antenna  
Speaker cords

# PREPARATIONS

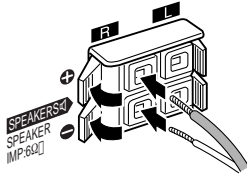
## Connection

Plug in the AC power cord to the AC outlet after all other connections are made.

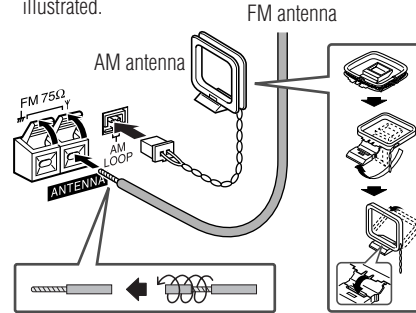
- 1 Connect the speaker cords to the speakers.  
Connect the copper cords to the + terminals and the silver cords to the – terminals.



- 2 Connect the speakers to the main unit.  
Connect the right speaker to the SPEAKERS R terminals and the left to the SPEAKERS L terminals. The copper cords go to the + terminals.



- 3 Connect the supplied antennas.  
Connect the FM antenna to the FM 75 Ω terminals and the AM antenna to the AM LOOP jack. Connect the FM antenna to the FM 75 Ω terminal with the **Y** mark, as illustrated.



- 4 Connect the AC power cord to an AC outlet.  
The clock will flash on the display.  
For setting the clock, see page 12.

## Speakers

- Do not short-circuit the + and – speaker cord leads.
- Do not leave objects generating magnetism or objects affected by magnetism near the speakers.

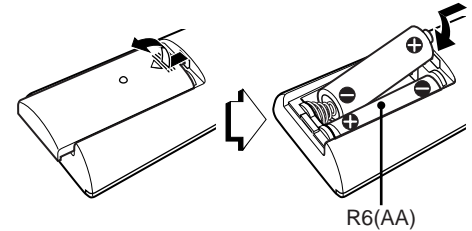
## Antennas

Keep antennas away from metallic objects, electrical equipment and cords.

- **FM antenna:** Extend fully and position for the best reception. If reception is poor, connect an optional outdoor antenna to the FM 75 Ω terminals. When connecting an optional outdoor antenna, be sure to connect the shield braid of the antenna to the **⚡** terminal.
- **AM antenna:** Rotate to find best reception.

## Remote control

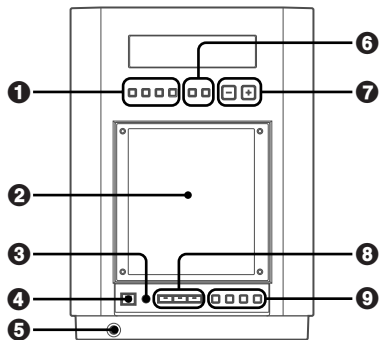
Detach the battery compartment lid at the rear of the remote control and insert two R6 (size AA) batteries with correct polarity.



- Replace the batteries with new ones when the operational distance between the remote control and main unit becomes shorter.
- Remove the batteries if the unit is not going to be used for an extended period of time.
- The remote control may not operate if it is used under intense sunlight or if its line of sight is obstructed.

# PARTS AND CONTROLS

## Main unit



### 1 ECO/DIMMER

Selects ECO mode and dimmer mode.

### TONE

Adjusts the bass or treble level.

### SET

Determines the mode.

Stores the received station to preset.

### DISPLAY

Changes the display in CD playback mode.

### 2 CD window

### 3 OPEN/CLOSE

Opens or closes the CD window.

### 4 POWER STANDBY/ON

Switches the unit on and off (standby).

### 5 PHONES jack

Plug in optional headphones set with a stereo mini plug (ø3.5 mm). Speaker output is canceled.

### 6 TUNER/AUX / BAND

Selects Radio function, the radio band, and the function of external equipment connected to AUX IN jacks.

### DEMO/PRESET

When the unit is turned off: switches DEMO on and off.  
When the unit is turned on: tunes in a preset station.

### 7 VOLUME +

Adjusts the volume.

### 8 DISC DIRECT PLAY 1-3 / DISC CHANGE

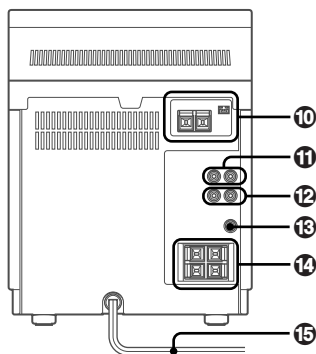
Selects a disc tray.

### 9 CD II

Starts and pauses play.

### CLEAR

CD: stops playback.  
Radio: clears a preset station.



### (TUNING , )

CD: skips to a previous or a succeeding track when pressed, searches a track in fast forward or reverse playback when held down.

Radio: manually tunes up or down within the band.

### 10 AM LOOP jack and FM 75 Ω terminal

Plug in the supplied AM and FM antennas.

### 11 AUX IN jacks

Accept analog sound signals from external equipment. Connect external equipment using an optional connecting cable with RCA phono plugs (red plug to R jack, white plug to L jack). Refer also to the operating instructions for your equipment.

To switch function to external input, press TUNER/AUX (AUX on the remote control) repeatedly to display "AUX".

### To change a source name in the display of the AUX function

Select AUX function with TUNER/AUX, then hold down DEMO/PRESET and press POWER while the power is on.



### 12 LINE OUT jacks

Analog sound signals for all functions can be output through these jacks. Use a cable with RCA phono plugs to connect audio equipment.

Signals input through the AUX IN jacks are not output from the LINE OUT jacks.

### 13 SUB WOOFER jack

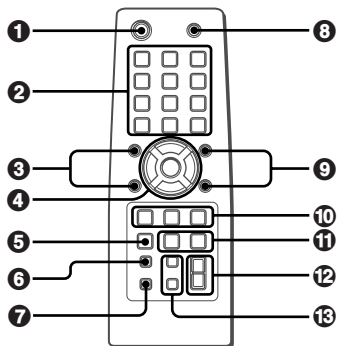
Connect an optional sub woofer with a built-in amplifier to the jack.

### 14 SPEAKERS terminals

Connect the supplied speaker cords.

### 15 AC power cord

## Remote control



Buttons with the same or similar names on the main unit basically have the same function.

### ❶ POWER

### ❷ 0–10, +10

CD: selects a track of the specified number.

Radio: tunes in the station with the specified preset number.

The numbered buttons take on these functions when pressed with **SHIFT** held down:

### CLOCK

Selects clock mode.

### TUNER MODE

Switches between stereo or monaural FM reception.

### ❸ RANDOM/REPEAT

Selects random or repeat CD playback mode.

### PROGRAM

Selects programmed CD playback mode.

### ❹ ►||CD

### AUX

### STONE

Selects the sound adjusting mode, "BAS" (bass) or "TRE" (treble).

### TUNER/BAND

### ■ CLEAR

### ❺ SET

### ❻ DISPLAY

### ❼ SHIFT

Hold down when pressing a numbered button to change its function to that printed above the number.

### ❸ FUNCTION

Switches the active function among TUNER, AUX and CD.

### ❹ PRESET +, –

### ❷ DISC DIRECT PLAY ❶, ❷, ❸

### ❹ ◀◀/I◀◀, ▶▶/I▶▶

### ❺ VOLUME +, –

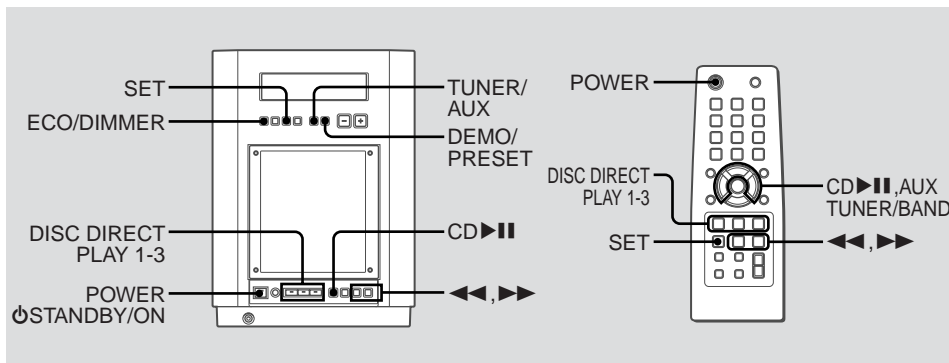
### ❻ TIMER

Selects timer mode.

### SLEEP

Selects sleep-timer mode.

# ADJUSTMENTS BEFORE OPERATION



## Power

### Turning the unit on

Press POWER STANDBY/ON (POWER on the remote control).

Alternatively, press TUNER/AUX (TUNER/BAND and AUX on the remote control), DISC DIRECT PLAY 1-3 or CD . Playback will start automatically if a disc is loaded.

### Turning the unit off

Press POWER STANDBY/ON again. The unit goes into standby.

## DEMO

*If the clock has not been set, a DEMO appears on the display when the unit is turned off.*

### To deactivate and activate the DEMO

Press DEMO/PRESET when the unit is turned off.

## ECO mode

*Reduces power consumption in standby mode with the following operations.*

Press ECO/DIMMER while the power is off (standby). Each press of the button changes the mode as follows;

**ECO ON:** Power economizing mode is activated.

When the unit turns off, everything on the display clears and only the red indicator on POWER STANDBY/ON to show that the power is being supplied. The DEMO is deactivated.

**ECO OFF:** Power economizing mode is canceled.

When the unit turns off, the clock display appears.

- Initial mode is ECO OFF.

## When operating while the power is on

- 1 Press ECO/DIMMER once and press SET.
- 2 Within 6 seconds, press or to select the desired mode and press SET.

## Standby power consumption

ECO ON: 0.6 W  
ECO OFF: 15 W

## Dimmer

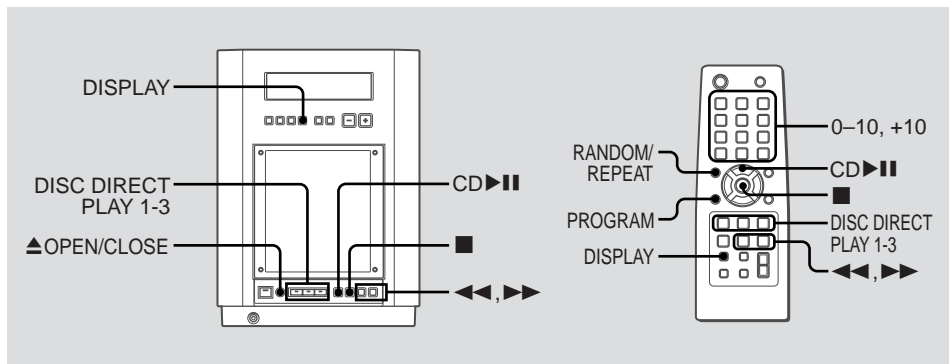
*The display window brightness can be adjusted to the following four levels: "DIM OFF", "DIMMER 1", "DIMMER 2", and "DIMMER 3". "DIM OFF" is the brightest level.*

*When "DIMMER 3" is selected, the display is darkest.*

- 1 Press ECO/DIMMER twice while the unit is turned on. "DIM MODE" is displayed.
- 2 Within 6 seconds, press SET. The currently selected brightness is displayed.
- 3 Within 6 seconds, press or to select the desired brightness.
- 4 Within 6 seconds, press SET.

# CD OPERATIONS

En

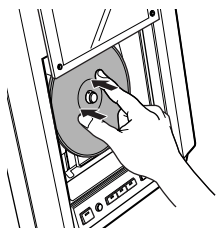


This unit plays back finalized CD-R/RW discs as well as audio CDs.

## Playing CDs

- 1 Press **▲ OPEN/CLOSE** to open the CD window and load disc(s).

Fit the disc center hole to the pivot of the tray with the label side facing you and press down the part around the hole until the disc is securely locked.



- 2 To play two or three discs, press the desired DISC DIRECT PLAY 1-3 / DISC CHANGE to rotate the tray and load a disc in the same way as step 1. The selected tray number appears in the display.
- 3 Press **▲ OPEN/CLOSE** to close the CD window. Total track number and total playing time of the currently selected disc will be displayed after the unit reads it.
- 4 **To play all the discs (all disc play)**, press **CD >|||**. **To play one desired disc (single disc play)**, press DISC DIRECT PLAY 1-3. Playing disc number appears in the display.

### To switch between all disc play and single disc play during play

Press one flashing button (a currently playing disc number button) of DISC DIRECT PLAY 1-3 during play.

- In single disc play, only one button of DISC DIRECT PLAY 1-3 lights up and flashes.

### To stop play

Press **■**.

### To pause play

Press **CD >|||**. Press again to resume play.

### To skip to the beginning of the current/preceding/succeeding track

Press **◀◀** or **▶▶** repeatedly.

### To search (playback in fast forward or reverse)

Hold down **◀◀** or **▶▶**. Release at the desired point.

### To select a track with the remote control (Direct play)

Press the numbered buttons to select a track.

- To select the 25th track, press +10, +10 and 5.
- To select the 11th track, press +10 and 1.

### To change the display in playback mode

Press DISPLAY during play.

The display changes in the following order:

- ↳ Track number being played and elapsed playing time
- ↳ Remaining time of play
- Remaining time of play cannot be displayed during **↻ 1**, random or programmed play.

### To remove the disc

Press **▲ OPEN/CLOSE** to open the CD window, hold the disc in hand and press PUSH on the pivot so that the disc is released.



## Random/Repeat play

In random play mode the unit plays all the tracks in random order. In repeat play mode it repeatedly plays all the discs or the track being played. You can select random and repeat all play at the same time.


- 1 Press RANDOM/REPEAT repeatedly on the remote control.

The mode changes as follows:

" 1": Plays one track repeatedly. Select the track with  or .


"": Plays all the tracks repeatedly.

"RANDOM": Plays all the tracks randomly.

"RANDOM ": Plays all the tracks repeatedly in random order.

- 2 To play all discs: press CD  . To play a single disc: press the desired DISC DIRECT PLAY 1-3.

### To cancel random/repeat play

Press RANDOM/REPEAT on the remote control repeatedly until "RANDOM" or "" disappears.

Direct selection of the tracks with the numbered buttons (Direct play) cancels random play mode.



### To repeat a selected set of tracks

First select the tracks with programmed play (see "Programmed play").

Then select repeat playback.

## Programmed play

Up to 30 tracks can be programmed from any of the loaded discs.

- 1 Press PROGRAM on the remote control in stop mode. "PRGM" flashes on the display.
- 2 Press one of DISC DIRECT PLAY 1-3 to select a disc. Wait for a while until the disc tray is selected.
- 3 Press the numbered buttons on the remote control to program a track.
  - To select the 25th track, press +10, +10 and 5.
  - To select the 11th track, press +10 and 1.
 The selected track number lights up on the display.
- 4 Repeat steps 2 and 3 to program other tracks. The total number of selected tracks and total playing time will be displayed.
- 5 Press CD  .

- During programmed play, you cannot select a track with the numbered buttons. "Can't USE" is displayed when you try to select a track.
- If the total playing time of the program exceeds 99 minutes and 59 seconds, or if a track with a track number exceeding 30 is programmed, the playing time is displayed as "-- : --".
- You cannot program more than 30 tracks. "FULL" is displayed.

### To check the program

Press  or  repeatedly in stop mode. The track number and program number are displayed in succession.

### To clear the program

Press  in stop mode. "PRGM" disappears from the display.

### To add tracks to the program

Repeat steps 2 and 3 before starting playback. The tracks are added to the end of the program.

### To change the programmed tracks

Clear the program and repeat all the steps again.

#### Notes on CDs

- Do not place more than one disc.
- Do not tilt the unit with a disc loaded.
- The unit may not play CD-R/RW discs recorded on personal computers or certain kinds of CD-R/RW recorders.
- Do not attach adhesive label to either side of CD-R/RW discs, as doing so may cause malfunction.
- Do not load an unrecorded CD-R/RW disc. The disc may be damaged.
- Do not use irregular-shaped CDs.

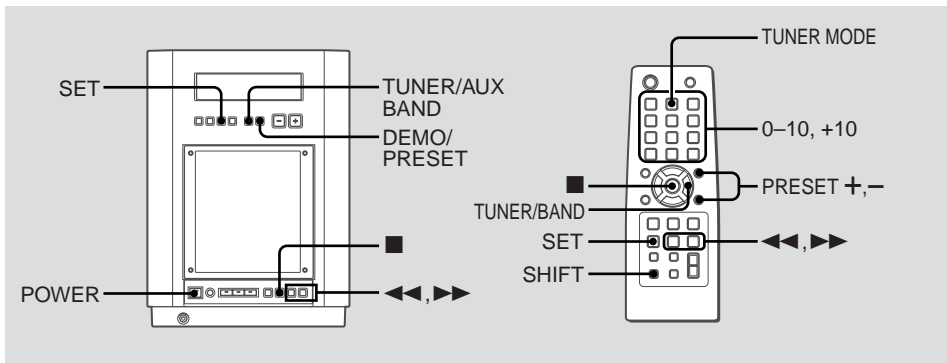
## Inside light

The inside light of the unit can be turned off and on.

Hold down  and press  OPEN/CLOSE on the unit.

# RADIO OPERATIONS

En



## Manual tuning

- 1 Press TUNER/AUX / BAND (TUNER/BAND on the remote control) repeatedly to select a band. The unit switches to the radio from any other function and alternates between FM and AM.
- 2 Press ◀◀ or ▶▶ repeatedly to tune in a station. "TUNE" is displayed when a station is tuned in. "(((Ⓜ)))" is displayed for FM stereo reception.

### To search for a station automatically (Auto search)

Hold down ◀◀ or ▶▶.

The unit searches for a station and stops at reception.

To stop the search manually, press ◀◀ or ▶▶.

- Auto search may not stop at stations with weak signals.

## Preset tuning

*Preset up to 32 of your favourite stations and tune them in directly.*

### Presetting stations

- 1 Tune in the desired station.
  - 2 Press SET to store the station. The preset number, beginning from "1" appears on the display.
  - 3 Repeat steps 1 and 2 to preset other stations. The next station will not be stored if a total of 32 preset stations have already been stored. ("FULL" is displayed.)
- If power is interrupted for more than approximately 12 hours, all settings stored in memory after purchase need to be reset.

## Tuning in preset stations

- 1 Select the band.
- 2 Press DEMO/PRESET (PRESET +,- on the remote control) repeatedly. With each press, the station with the succeeding (or preceding) preset number is tuned in. You can tune in the desired preset station directly by pressing the numbered buttons on the remote control.
  - To select preset number 11, press +10 and 1.
  - To select preset number 15, press +10 and 5.

### To clear a preset station

- 1 Tune in the station by preset tuning.
- 2 Press ■, then press SET within 6 seconds. Preset station numbers in the band which are higher than the cleared number decrease by one.

# SOUND ADJUSTMENTS

## Adjustments

### To switch to monaural FM reception

Hold down SHIFT and press TUNER MODE on the remote control so that "MONO" is displayed.

To cancel, repeat the above so that "STEREO" is displayed.

#### Tip:

When FM stereo reception is poor, switching to monaural reduces noise.

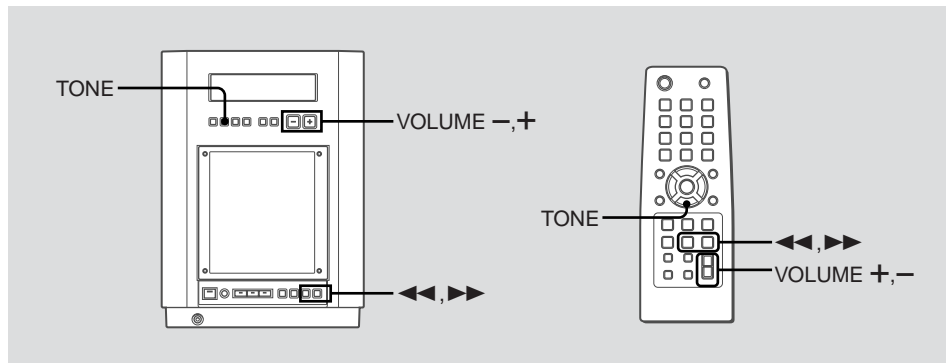
### To switch the AM tuning interval

The default setting of the AM tuning interval is 10 kHz/step. If you use this unit in an area where the frequency allocation system is 9 kHz/step, change the tuning interval.

Hold down DEMO/PRESET and press POWER on the main unit when the radio function is selected.

#### Tip:

When the AM tuning interval is changed, all preset stations are cleared.



## Volume

Press VOLUME -,+.

Adjust from 0 (minimum) to 30 and MAX (maximum).

#### Tip:

Volume level setting is retained during power-off standby. If the unit is turned off with the volume set to 17 or higher, it is automatically turned down to 16 the next time the unit is turned on.

## Bass and treble

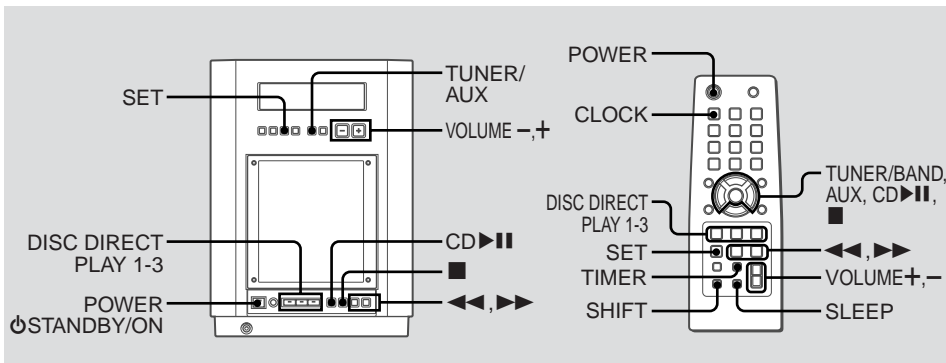
- 1 Press TONE repeatedly to display "BAS" or "TRE".
- 2 Within 6 seconds, press VOLUME -,+ (◀◀ or ▶▶).

The bass or treble level can be adjusted from "-2" to "+5".

- If the sound becomes distorted, lower the level.

# TIMER OPERATIONS

En



## Setting the clock

- 1 Hold down SHIFT and press CLOCK on the remote control.  
When the unit is turned off, you can also press SET.
- 2 Within 6 seconds, press <<< or >>> to set the time.  
Each press changes the time in 1-minute steps.  
Holding these buttons down will vary the time in 10-minute units.
- 3 Press SET.  
The time display stops flashing and the clock starts from 00 seconds.

## To display the time while the power is on

Hold down SHIFT and press CLOCK on the remote control. The time will be displayed for 6 seconds.

## To switch to the 24-hour standard

Display the time and press ■ within 6 seconds. With each press, the clock alternates between 12- and 24-hour standard time.

### Tip:

In the 12-hour standard, "AM12:00" indicates midnight and "PM12:00" noon.

## If the clock display flashes when the unit is turned off

There has been a power interruption. Reset the clock.

## Sleep timer

Turns off the unit automatically after a specified time.

- 1 Press SLEEP on the remote control.  
"SLEEP" is displayed.
- 2 Within 6 seconds, press <<< or >>> repeatedly to set the sleep timer duration.  
With each press, the timer duration changes in 5-minute steps between 5 to 240 minutes. If there is no button input for 6 seconds, the current setting is entered automatically. The unit turns off after the selected time.

## To check the remaining time until the unit turns off

Press SLEEP on the remote control. The remaining time is displayed for 6 seconds.

## To cancel the sleep timer

Press SLEEP on the remote control repeatedly so that "SLEEP OFF" is displayed.

## Timer playback

*Turns on the unit at a specified time for the specified duration. Make sure the clock is set correctly.*

- 1 Press **TIMER** on the remote control. "⌚" lights up and "⌚ **PLAY**" is displayed.
- 2 Within 12 seconds, press **SET**.
- 3 Press **◀** or **▶** to set the timer-on time, and press **SET**.  
Each press changes the time in 1-minute steps.  
Holding these buttons down will vary the time in 10-minute units.
- 4 Press **◀** or **▶** (**TUNER/AUX** or **CD▶▶▶**) to select the source, and press **SET**.
  - For timer play of a CD, select "**CD**".
  - For timer play of a radio broadcast, select "**TUNER**".  
You will select the band later in step 7.
  - For timer play of the equipment connected to the **AUX IN** jacks, select "**AUX (VIDEO or TV)**".
- 5 Press **◀** or **▶** to set the timer-activated duration, then press **SET**.  
With each press, the timer-activated duration changes in 5-minute steps between 5 to 240 minutes.
- 6 Press **◀** or **▶** (**VOLUME -,+**) to adjust the volume for timer playback, and press **SET**.  
The volume level can be adjusted from 0 to 16.

- 7 Prepare the source.

To play CD, load a disc. The currently selected disc is played. If you want to play a CD on another tray, play the desired CD, and then stop play.

To play the radio, select the band and tune in the desired station.

To play external equipment connected to the AUX IN jacks, set an external timer for the equipment so that its playback begins at the same time.

- 8 Press **POWER ⏻STANDBY/ON (POWER)** to turn the unit off.

"⌚" remains on the display to indicate the timer standby mode (when ECO mode is deactivated).

At timer-on time, the unit turns on and plays the selected source. After the specified timer-activated duration, the unit turns off again.

- Timer playback will not begin unless the unit is turned off first.
- Connected equipment cannot be turned on or off by the built-in timer of this unit. Use an external timer.

## To check the timer setting

Press **TIMER** on the remote control so that "⌚ **PLAY**" appears on the display.

After 6 seconds, the timer-on time, the source and the timer-activated duration are displayed for 6 seconds.

## To change the timer setting

Reset the timer again.

## To cancel the timer

Press **TIMER** on the remote control twice until "⌚ **OFF**" is displayed. "⌚" disappears from the display.

### Tip:

Your timer setting is retained even if the timer is cancelled. Next time the timer is activated, you can change your previous setting, or simply use the same setting again.

# REFERENCE

## Care and maintenance

*Occasional care and maintenance of the unit and the software are needed to optimize the performance of your unit.*

### To clean the cabinet

Use a soft and dry cloth. If the unit surfaces are extremely dirty, use a soft cloth lightly moistened with mild detergent solution. Do not use strong solvents such as alcohol, benzine or thinner.

### Care of CDs

When a CD becomes dirty, wipe it from the center out with a cleaning cloth. After playing a CD, store it in its case. Do not keep it in hot or humid places.

## Troubleshooting

*If your unit fails to perform properly, check the following guide and the relevant sections of the Operating Instructions.*

### There is no sound

- Are the speakers and AC power cord connected properly?

### The unit shut off suddenly

- Possibly a short circuit in the speaker terminals. Disconnect the AC power cord from the AC outlet and reconnect the speaker cords correctly.

### Erroneous display

- Reset the unit. (See "Resetting the unit".)

### Poor radio reception

- Check antenna connection. Adjust the antenna to find the best reception.
- Move the unit and antenna away from other electric appliances and cords.

### The CD player works poorly

- Is the disc correctly loaded?
- Is the disc dirty?
- Is the lens affected by condensation? If so, wait approximately one hour and try again.

### Condensation

Moisture may form on the CD pickup lens when:

- The unit is moved from a cold spot to a warm spot
- The heating system has just been turned on
- The unit is used in a very humid room
- The unit is cooled by an air conditioner

When this unit has condensation inside, it may not function normally. Should this occur, leave the unit for a few hours, then try to operate again.

### Resetting the unit

If an unusual condition occurs in the display window, reset the unit as follows:

1 Press POWER to turn off the power.

If the power cannot be turned off, disconnect the AC power cord, then plug it in again.

2 Hold down  and press POWER on the main unit.

Everything stored in memory after purchase is cleared.

## Specifications

### MAIN UNIT CX-LTC80

#### TUNER

FM tuning range	87.5 MHz to 108 MHz
FM usable sensitivity (IHF)	13.2 dBf
FM antenna terminal	75 ohms (unbalanced)
AM tuning range	530 kHz to 1710 kHz (10 kHz step) 531 kHz to 1602 kHz (9 kHz step)
AM usable sensitivity	350 $\mu$ V/m
AM antenna	Loop antenna

#### AMPLIFIER

Power output	16 W + 16 W (40 Hz - 20 kHz, THD less than 1 %, 6 ohms) 20 W + 20 W (1 kHz, THD 10 %, 6 ohms)
Total harmonic distortion	0.06 % (15 W, 1 kHz, 6 ohms, DIN AUDIO)
Input	AUX IN: 500 mV
Outputs	LINE OUT: 200 mV SPEAKERS: 6 ohms or more PHONES: 32 ohms or more

#### CD PLAYER

Laser	Semiconductor laser ( $\lambda = 780$ nm)
D/A converter	1 bit dual
Signal-to-noise ratio	88 dB (1 kHz, 0 dB)
Wow and flutter	Unmeasurable

#### GENERAL

Power requirements	120 V AC, 60 Hz
Power consumption	46 W
Power consumption in standby mode	With ECO mode on: 0.6 W With ECO mode off: 15 W
Dimensions (W $\times$ H $\times$ D)	235 $\times$ 317 $\times$ 292 mm (9 $\frac{3}{8}$ $\times$ 12 $\frac{1}{2}$ $\times$ 11 $\frac{1}{2}$ in.)
Weight	4.7 kg (10 lbs 6 oz)

#### SPEAKER SYSTEM SX-LTC80

Speaker system	2 way, bass reflex (magnetic shielded)
Speaker units	Woofer: 120 mm cone Tweeter: 25 mm dome
Impedance	6 ohms
Dimensions (W $\times$ H $\times$ D)	150 $\times$ 319 $\times$ 215 mm (6 $\times$ 12 $\frac{5}{8}$ $\times$ 8 $\frac{1}{2}$ in.)
Weight	2.3 kg (5 lbs 1 oz)

Specifications and external appearance are subject to change without notice.

#### COPYRIGHT

Check copyright laws relevant to recordings from discs or radio for the country where the unit is to be used.

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As an ENERGY STAR® Partner, AIWA has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

## 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.

Printed in China

## REMARQUE

Cet appareil a été testé et jugé conforme aux limites des appareils numériques de Classe B, conformément à la Partie 15 des Règles FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences néfastes dans une installation résidentielle.

Cet appareil produit, utilise et peut rayonner une énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut provoquer des interférences gênantes pour les communications radio. Mais rien ne garantit qu'une telle interférence ne se produira pas dans une installation particulière. Si cet appareil produit des interférences gênantes pour la réception radio ou de télévision, ce qui peut se déterminer en allumant et éteignant l'appareil, il est recommandé à l'utilisateur d'essayer de corriger cette interférence en appliquant une ou plusieurs des mesures suivantes:

- Réorientation ou déplacement de l'antenne réceptrice.
- Éloignement de l'appareil du récepteur.
- Raccordement de l'appareil à une prise d'un circuit différent de celui du récepteur.
- Consultez le revendeur ou un technicien radio/télévision expérimenté.

## PRÉCAUTION

Les modifications ou ajustements de ce produit, non expressément approuvés par le fabricant, peuvent invalider le droit ou l'autorité de l'utilisateur à utiliser ce produit.

## CAUTION

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

This Class B digital apparatus complies with Canadian ICES-003.

Only for C models.

## ATTENTION

POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Pour les modèles C uniquement.