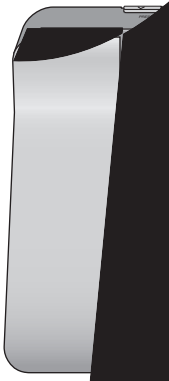


IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION!

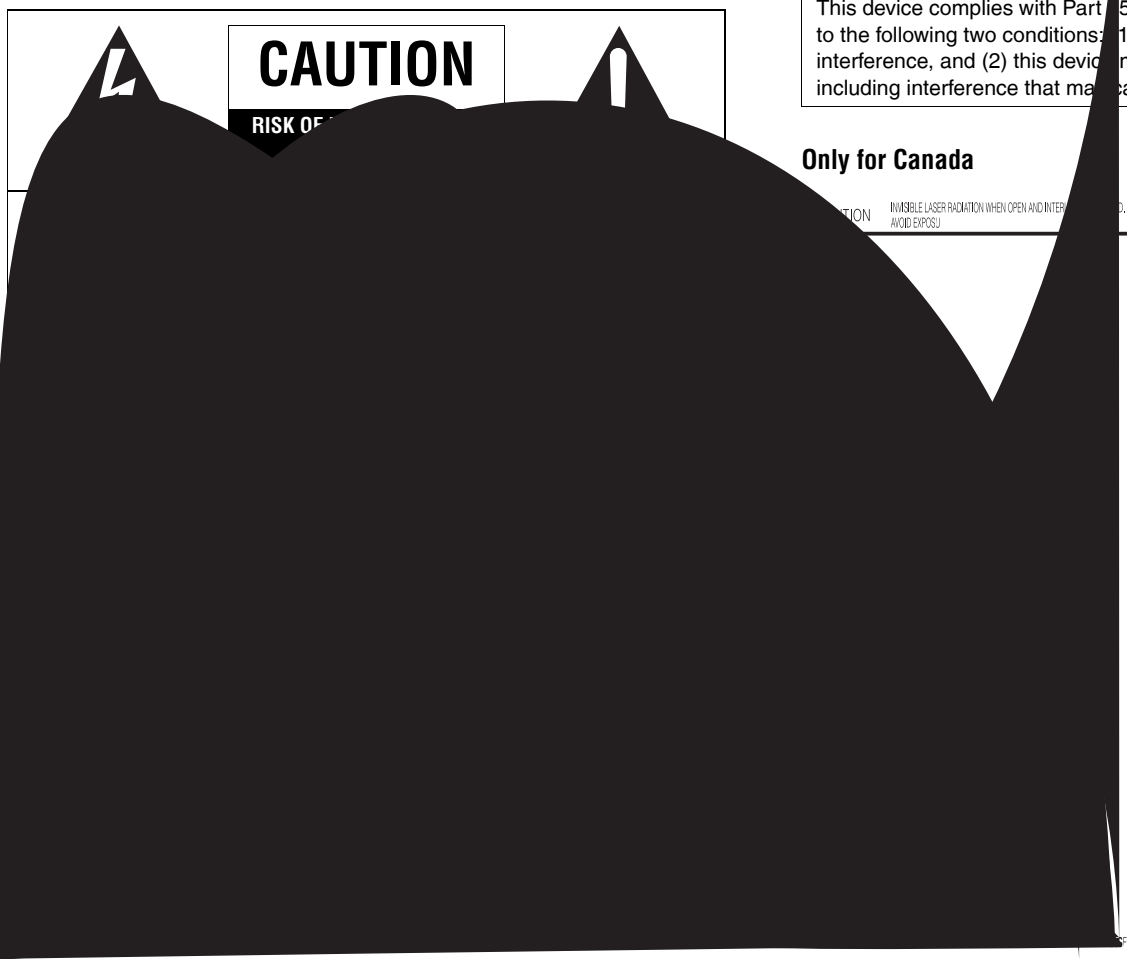
THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CAUTION!

DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.



(Inside of product)

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

CAUTION:

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:

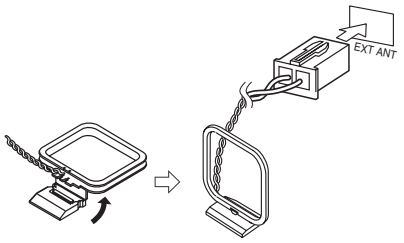
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Only for Canada

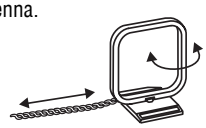
Connect the antenna

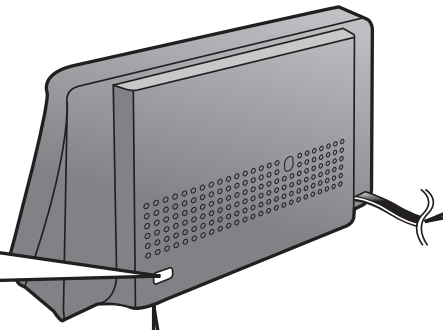


- Stand the antenna up so it clicks into place.
- When disconnecting, pull firmly.

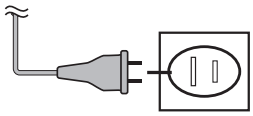
Improving reception

- Extend and change the direction of the antenna.





Connect the AC power supply cord



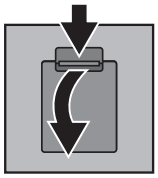
Household AC outlet
(AC 120 V/60 Hz).

Note

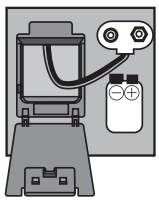
These speakers do not have magnetic shielding. Do not place them near televisions, personal computers or other devices easily influenced by magnetism.

Insert a battery (not included) for memory backup (bottom of unit)

1 Press down on the catch and pull down.

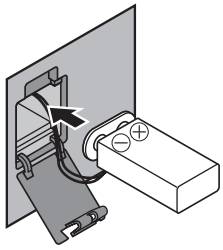


2 Pull out the connector and attach the battery.



6F22/6LR61,
006P battery
(not included)

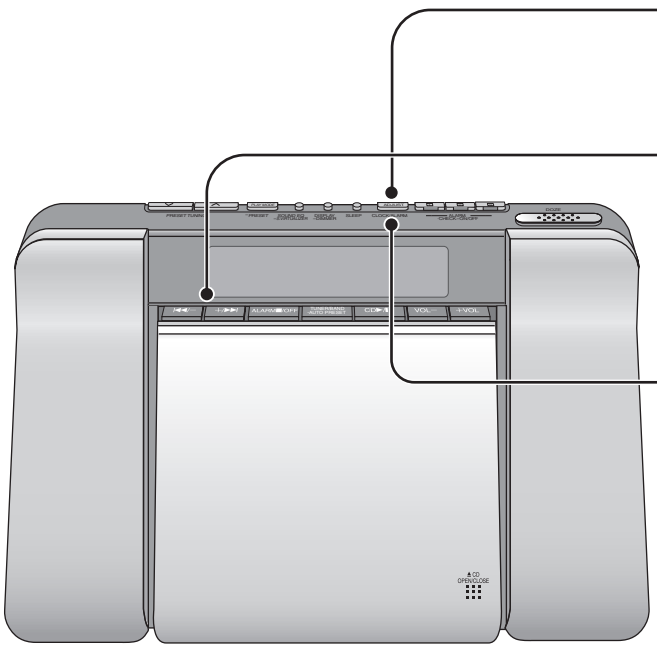
3 Insert the battery as shown.



This battery saves the clock, alarm, and radio-preset settings if power is interrupted. It lasts about a year (one month without AC power).

Setting the clock

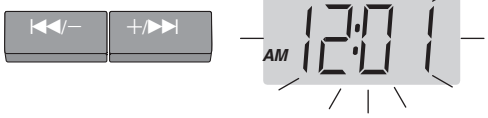
This is a 12-hour clock. This example shows how to set the clock for 3:30 P.M. Reset the clock regularly to maintain accuracy. (Monthly accuracy +/- 30 seconds.)



1 **Press to select the time setting**

Summer time setting (☼) → Time setting
(Original display)

2 **Within 10 seconds, press to set the time**



Press and hold to change the time faster.

3 **Press to start the clock and finish**

The display returns to its original state after a confirmation tone is heard.

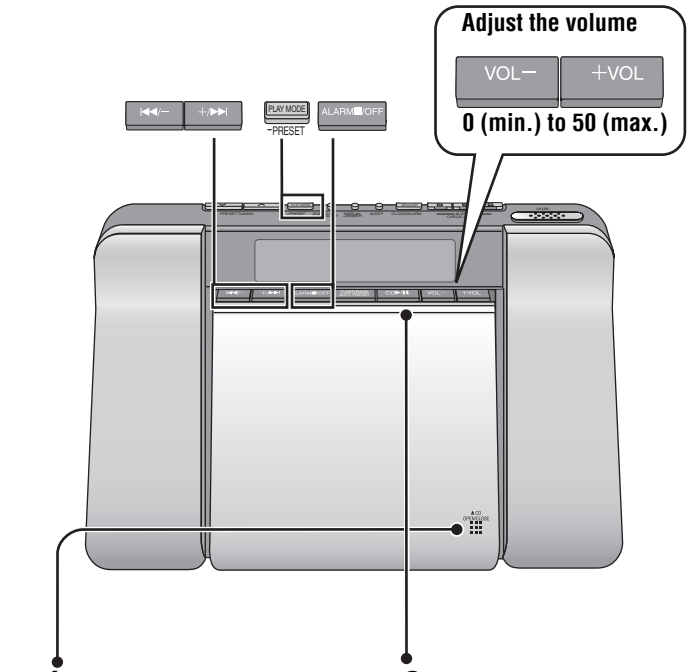
Summer time

Do the following to advance the clock by an hour during the summer months.

1. **Press [ADJUST, CLOCK/ALARM] to select the summer time setting (☼).**
2. **Press [I◀◀/–] or [+/▶▶I] to select "on".**
3. **Press [ADJUST, CLOCK/ALARM] to finish (a tone sounds).**
   ☼ appears and the clock advances by an hour.

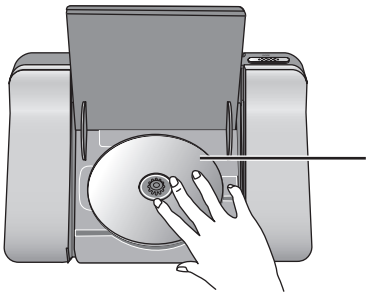
Repeat the above, selecting "OFF" in step 2, to turn ☼ off and restore the time.

CDs



1 **Press to open, insert a CD, and close securely**

▲CD OPEN/CLOSE



Insert label out so it clicks into place

2 **Press to play**

CD▶/❚❚

The unit turns off automatically after finishing play of the last track.

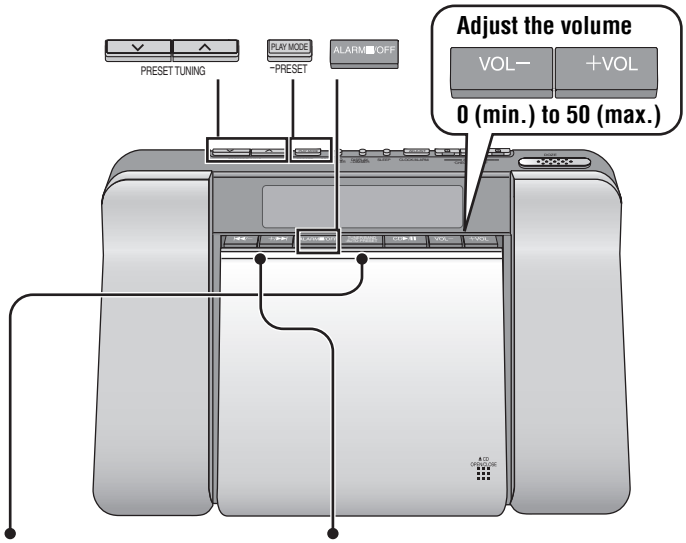
Track number | Elapsed play time

To prevent damage to the CD, stop the disc before opening the CD lid.

Pause	Press CD▶/❚❚ Press again to restart play
Stop and off	Press ALARM■/OFF **Note** When the CD is stopped the unit also turns off automatically. You cannot use skip, search, or the play mode.
Skip/Search	Press to skip, press and hold to search ⏮/− +/⏭ Backward Forward
Repeat/Random	Press to select the mode PLAY MODE −PRESET 1-↻: Repeat one track ↻: Repeat all tracks RND: Play all tracks randomly No display: Play modes off

Radio

Manual tuning



1 **Select the band**

TUNER/BAND −AUTO PRESET

WEATHER

AM ← FM

2 **Tune to a station**

⏮/− +/⏭

In step 2, press and hold to start automatic tuning. Tuning stops when a station is found.

Off	Press ALARM■/OFF
FM mode Switch to MONO if there is a lot of noise in FM	Press PLAY MODE −PRESET MONO Sound will not be stereo but noise should reduce. Press again to cancel.
Weather Band	• Weather Radio broadcasts warnings, watches, forecasts and other information 24 hours a day on 7 VHF band frequencies (162.40 MHz to 162.55 MHz) in the U.S. and Canada, with each frequency serving specific areas. Choose the channel for your area. • For further information: In the U.S. visit ***http://www.nws.noaa.gov/nwr/*** In Canada visit ***http://www.msc-smc.ec.gc.ca/cd/factsheets/wxradio/index_e.cfm*** • This unit does not have an associated alarm function.
Changing the FM frequency step	In the FM band, press and hold [CD▶/❚❚] so the frequency starts flashing, then continue to hold down until the step changes from 200 kHz to 100 kHz. Repeat to change back.

Preset tuning

Preset up to 20 FM and 12 AM stations. Use Auto Preset to preset all the stations the unit can receive, or Manual Preset to preset only those stations you want.
The seven WEATHER frequencies have been preset for you.

Auto Preset

Do the following once each for FM and AM.

Press and hold

TUNER/BAND −AUTO PRESET

The frequency returns to the lowest in the band, then it scrolls and "AUTO" flashes.
The first station to be preset plays when finished.

Manual Preset

Tune to the station ▶ Press and hold ▶ Select the channel ▶ Press

⏮/− +/⏭ ▶ PLAY MODE −PRESET ▶ ⏮/− +/⏭ ▶ PLAY MODE −PRESET

Selecting channels

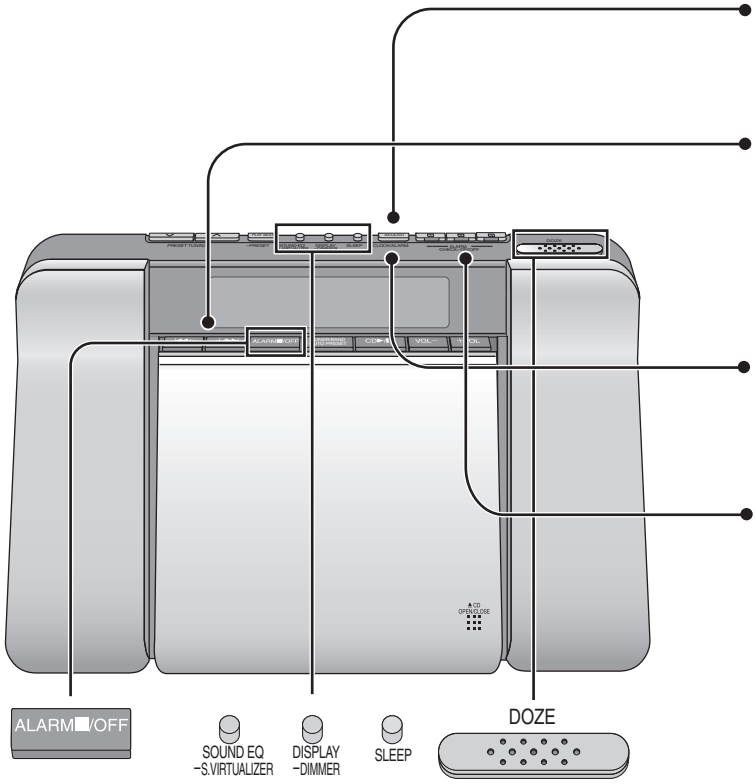
Select the band Press

TUNER/BAND −AUTO PRESET ▶ PRESET TUNING

Using the alarms

Set the unit to come on and play a CD or the radio with ALARM 1, or to sound a buzzer with ALARM 2 and ALARM 3.

Preparation: Set the time.
For ALARM 1, play the CD track or radio station and set the unit to the volume you want to wake up to.

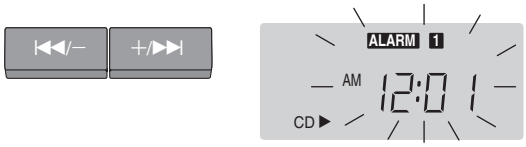


1 Press to select one of the alarm types you want to set (ALARM 1, 2, 3)

ADJUST
CLOCK/ALARM

Summer time setting (☼) → Time setting → ALARM 1 → ALARM 2 → ALARM 3 → (Original display)

2 Within 10 seconds, press to set the alarm time



Press and hold to change the time faster.

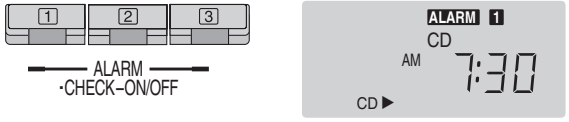
3 Press to confirm

The display returns to its original state after a confirmation tone is heard.

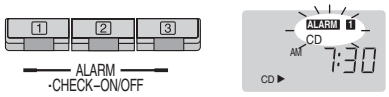
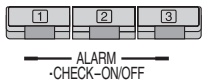
ADJUST
CLOCK/ALARM

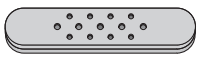
4 Press and hold to turn the alarm on (the [DOZE] button lights)

When more than 2 alarm settings are turned on, only the alarm time that will occur first is displayed.



The alarm sounds at the set time and stops automatically after an hour.
ALARM 1 plays the CD track or radio station at the volume set (a buzzer sounds if you take out the CD).
ALARM 2 and 3 sound buzzers (you cannot change the volume of the buzzer).
You can still play a CD or the radio after setting an alarm.

Checking the settings	Press 
To turn the alarm off	Press and hold  The settings stay the same. Press and hold again to turn on again (while playing the CD or radio for ALARM 1) .

Doze	Press DOZE  The alarm sounds again 6 minutes later.
To shut off the alarm	Press Settings stay the same and the alarm sounds again the next day.

Other features

Sound quality

Sound Equalizer

Press

SOUND EQ
–S.VIRTUALIZER

– – _ –	**Bass: Emphasizes the bass**
_ _ – –	**Clear: Clarifies the treble**
– – – _	**Soft: For background music**
– – – _	**Vocal: Adds gloss to vocals**
OFF	**Off**

EQ appears while Sound EQ is on.

Sound Virtualizer

This stabilizes the midrange, such as vocals, and gives sound natural width and depth. Use it when listening to stereo sources. (Actual effect depends on the source.)

Press and hold

SOUND EQ
–S.VIRTUALIZER

Press and hold again to cancel.

Sleep timer

Set the unit to switch off after a certain number of minutes.

Press

SLEEP

SLEEP

Each time you press the button:
30 → 60 → 90 → 120 → OFF

To check the remaining time, press once.

Display

The CD and radio displays disappear after a few seconds.To show them again:

Press

DISPLAY
–DIMMER

Dimmer

Press and hold

DISPLAY
–DIMMER

The display switches between bright and dim each time you do this.