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# Bluetooth CD Music System with Digital AM/FM Stereo Receiver





**MODEL: JBS-200  
USER MANUAL**



PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT AND  
RETAIN THIS BOOKLET FOR FUTURE REFERENCE.


# WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

 <p>The lightning flash and arrow head within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.</p>	<p><b>CAUTION</b> <b>RISK OF ELECTRIC SHOCK</b> <b>DO NOT OPEN</b></p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (ON BACK), NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.</p>
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The Caution Marking is located at the bottom enclosure of the apparatus.

## IMPORTANT SAFETY INSTRUCTIONS

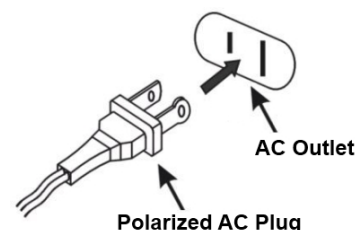
1. Read these instructions.
  2. Keep these instructions.
  3. Heed all warnings.
  4. Follow all instructions.
  5. Do not use this apparatus near water.
  6. Cleaning-Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Clean only with dry cloth.
  7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
  8. Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care-quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
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9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that product heat.
  10. 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 is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  12. Only use attachments/accessories specified by the manufacturer.
  13. Unplug this apparatus during lightning storms or when unused for a 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.
15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
16. Do not overload wall outlet. Use only power source as indicated.
17. Use replacement part as specified by the manufacturer.
18. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
19. Power Sources - This product 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 product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
20. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
21. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a) When the power-supply cord or plug is damaged,
  - b) If liquid has been spilled, or objects have fallen into the product,
  - c) If the product has been exposed to rain or water,
  - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
  - e) If the product has been dropped or damaged in any way, and
  - f) When the product exhibits a distinct change in performance - this indicates a need for service.
22. The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
23. Minimum 5 cm distances around the apparatus for sufficient ventilation.
24. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
25. No naked flame sources, such as lighted candles, should be placed on the apparatus.
26. Batteries should be recycled or disposed of as per state and local guidelines.
27. The use of apparatus in moderate climates.



**This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.**

**CAUTION:  
TO PREVENT ELECTRIC SHOCK,  
MATCH WIDE BLADE OF AC PLUG TO WIDE SLOT.  
FULLY INSERT THE PLUG TO MAIN POWER SOCKET.**



# **SAVE THESE INSTRUCTIONS**

## **CAUTION**

### **CLASS 1 LASER PRODUCT**

CLASS 1 LASER PRODUCT  
APPAREIL À LASER DE CLASSE 1  
PRODUCTO LÁSER DE CLASE 1

**CAUTION**  
INVISIBLE LASER RADIATION  
WHEN OPEN AND INTERLOCKS  
DEFEATED.  
AVOID EXPOSURE TO BEAM.



This product contains a low power laser device.

Follow the advice below for safe operations.

#### **ON PROTECTION AGAINST LASER ENERGY EXPOSURE**

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
- Stop operation immediately if any liquid or solid object should fall into the cabinet.
- Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.
- Do not put anything in the safety slot. If you do, the laser diode will be ON when the CD door is still open.
- This unit employs a laser. The use of controls or adjustment or performance of procedures other than those specified here may result in exposure to hazardous radiation.

#### **ON SAFETY**

- When connecting and disconnecting the AC power, grip the AC cord plastic plug and not the cord itself. Pulling the cord may damage it and create hazard.
- When you are not going to use the unit for a long period of time, disconnect the AC adaptor from the wall outlet and remove all batteries.

#### **ON AC VOLTAGE**

- Before use, check that the rated voltage of your unit matches your local voltage.

#### **ON CONDENSATION**

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the CD player.
- When there is condensation inside the unit, the unit may not function normally.
- Let it stand for 1 to 2 hours before turning the power on, or gradually heat the room up and dry the unit before use.

**Should any trouble occur, disconnect the AC power cord and refer servicing to qualified personnel.**

## **COMPLIANCE WITH FCC REGULATIONS**

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.

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.

**CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

## **PROTECT YOUR FURNITURE**

This product is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

## DEAR JENSEN® CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

### Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

### We Want You Listening For a Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.



### Customer's Record:

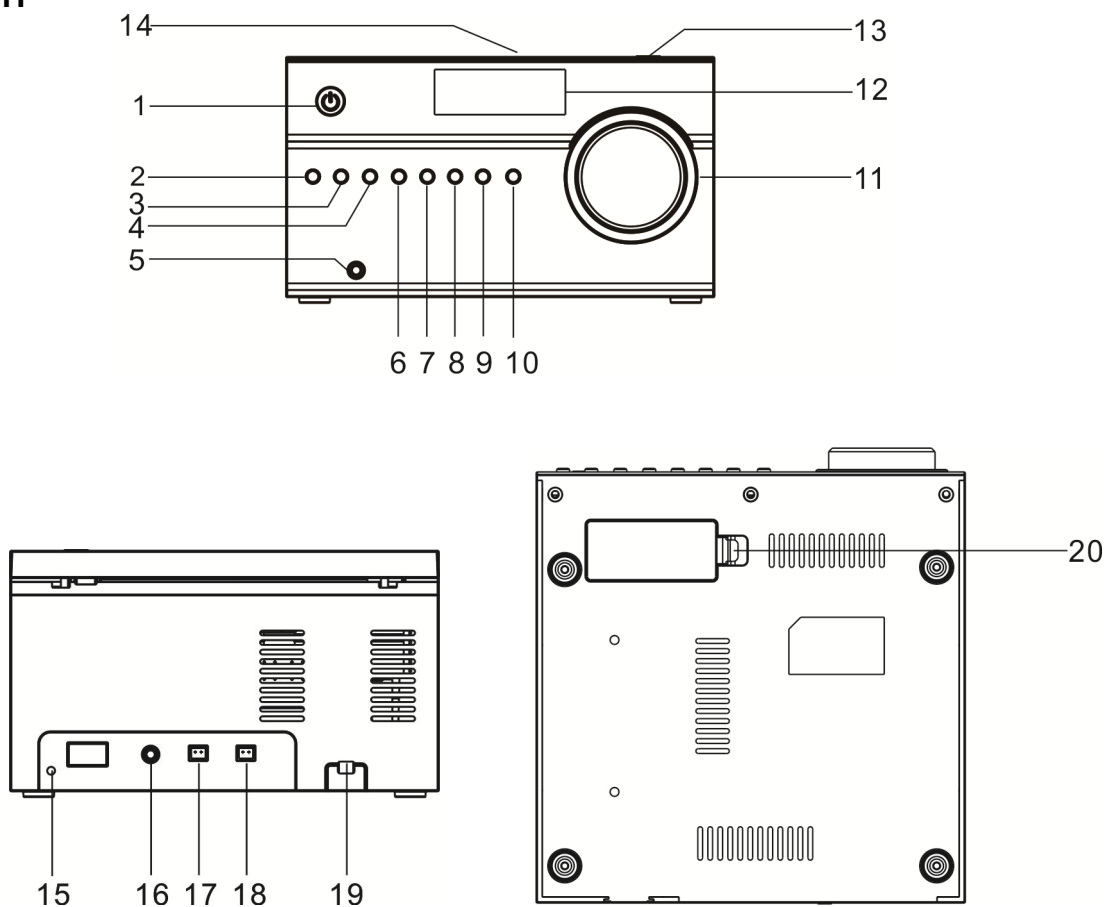
The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft or loss.










**Model Number: JBS-200**

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

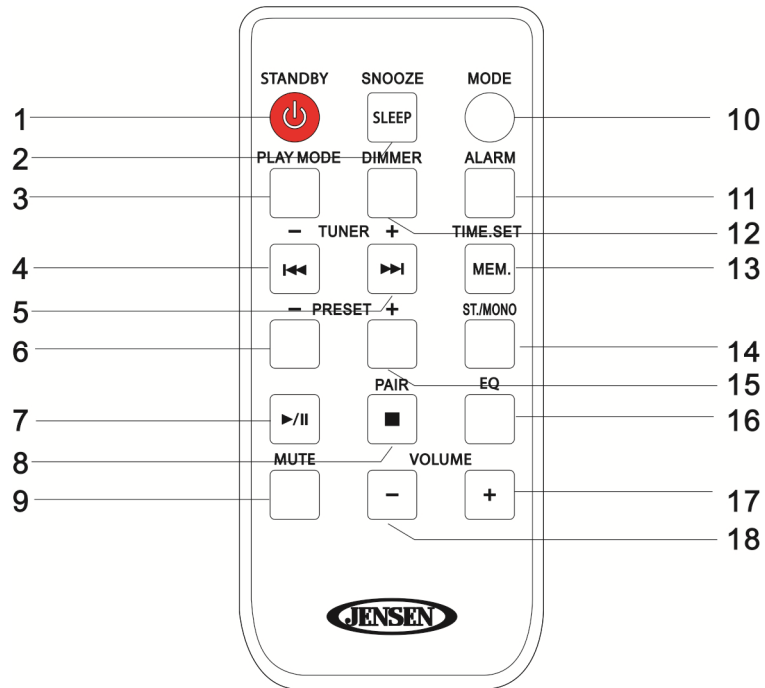
## LOCATION OF CONTROLS

### MAIN UNIT



1. POWER ON/STANDBY  BUTTON / STANDBY MODE INDICATOR	11. VOLUME CONTROL KNOB
2. FUNCTION MODE BUTTON	12. LCD DISPLAY
3. TIME SET/MEMORY BUTTON	13. CD DOOR OPEN/CLOSE BUTTON
4. TUNER PRESET- BUTTON	14. NFC LINKING POINT 
5. AUX IN JACK	15. FM WIRE ANTENNA
6. TUNER PRESET+ BUTTON	16. HEADPHONE JACK
7. CD STOP  BUTTON/ BLUETOOTH PAIR BUTTON	17. RIGHT SPEAKER CONNECTOR
8. CD/BLUETOOTH PLAY/PAUSE  /  / RADIO AUTO SEARCH BUTTON	18. LEFT SPEAKER CONNECTOR
9. CD/BLUETOOTH SKIP PREVIOUS  /  / TUNE- BUTTON	19. AC POWER CORD
10. CD/BLUETOOTH SKIP NEXT  /  / TUNE+ BUTTON	20. BATTERY DOOR

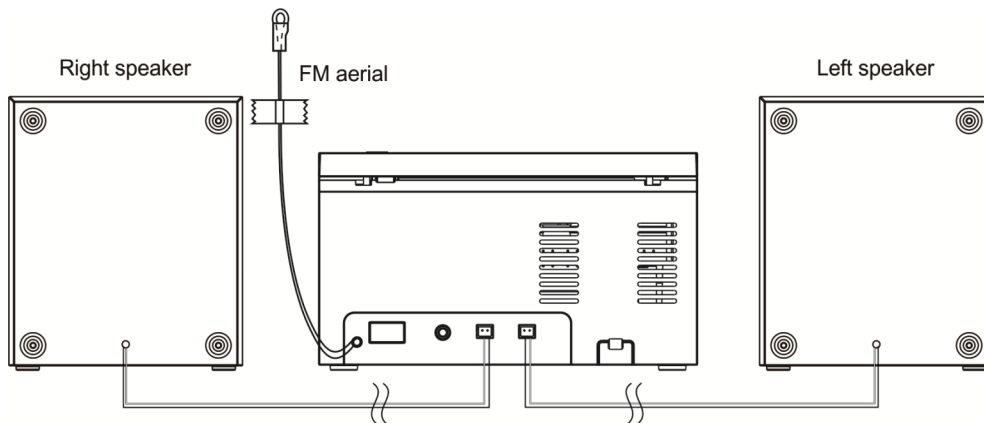
## REMOTE CONTROL



1. POWER ON/STANDBY  BUTTON	10. MODE BUTTON
2. SLEEP BUTTON/ SNOOZE BUTTON	11. ALARM SET/ON/OFF BUTTON
3. CD PLAY MODE BUTTON	12. DIMMER BUTTON
4. CD/BLUETOOTH SKIP PREVIOUS  / TUNE- BUTTON	13. MEMORY/TIME SET BUTTON
5. CD/BLUETOOTH SKIP NEXT  / TUNE+ BUTTON	14. FM MONO/STEREO BUTTON
6. TUNER PRESET- BUTTON	15. TUNER PRESET+ BUTTON
7. CD/BLUETOOTH PLAY/PAUSE  / RADIO AUTO SEARCH BUTTON	16. EQ BUTTON
8. STOP  BUTTON	17. VOLUME UP (+) BUTTON
9. MUTE BUTTON	18. VOLUME DOWN (-) BUTTON

## SYSTEM CONNECTIONS

**Make sure to unplug the AC power cord is unplugged from the wall outlet before making any connections.**





# GETTING STARTED

## ACCESSORIES INCLUDED

Carefully remove the unit and all accessories from the package.

Please verify that you have all the following accessories before recycling the gift box.

- Main Unit
- 2 x Speakers
- User Manual
- Remote control

## Connecting the Speakers

Each speaker cable has a plug on the end that fits into the speaker connector located on the back of the main unit. Make sure the little tab on the top of the plug is facing up when inserting it into the connector. The plug goes in only one way, so do not force the plug into the connector or it may cause damage.

## POWER SOURCE

This unit operates on 120 VAC ~ 60 Hz AC household current and requires one CR2025 3V lithium battery (included) for the remote control. Do not attempt to operate the unit from any other power source. You could cause damage to the unit and void your warranty.

## AC Power Connection

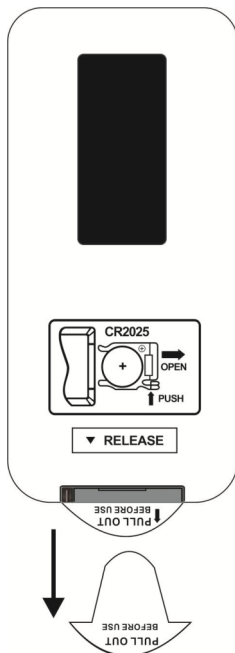
Plug the AC power cord into an available 120V~ 60Hz AC Outlet. Make sure the plug is securely inserted into the AC outlet.

## Installing the Batteries for the Battery Back-Up

1. Remove the battery compartment door located on the bottom of the main unit.
2. Follow the polarity markings inside the battery compartment, and insert 2 x AAA batteries (not included) into the two battery slots located in the battery compartment.
3. Replace the battery door.

## NOTES:

- When replacing the back-up batteries, do not disconnect the AC power cord from the wall outlet. If you do, all the current date time and alarm settings will be erased.
- If the unit will be left unplugged for a long period of time, remove the batteries to avoid any damage that may occur if the batteries leak and cause corrosion.



## Remote Control

The remote control operates on one CR2025 3V lithium battery (included in the remote). To activate the remote control, remove the insulator tab inserted in the battery compartment.

If the remote operation becomes intermittent or unsatisfactory, replace the original battery with a new CR2025 3V lithium battery.

1. Press down on the compartment cover, slide out the battery holder from the remote control case.

2. Replace the battery making sure the battery is installed correctly.

The remote will not work if the battery is installed with the wrong polarity.

## CAUTION:

- 1.) Danger of explosion if the battery is replaced incorrectly.
- 2.) Replace only with the same or equivalent type battery.
- 3.) Insert the battery holder back into the battery slot.

**NOTE:** Only use a well-known brand of battery to ensure the longest life and best performance.

### Battery Precautions

- Replacement of batteries must be done by an adult.
- The supply terminals are not to be short-circuited.
- Non-rechargeable batteries are not to be recharged.
- Exhausted batteries are to be removed.
- Only batteries of the equivalent type are to be used.
- Batteries are to be inserted with the correct polarity.
- Dispose of batteries properly. Do not dispose of batteries in fire. The batteries may explode or leak.



### WARNING

#### DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.



Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

### NOTE ON NON-MAGNETICALLY SHIELDED SPEAKERS

This unit is not magnetically shielded and may cause color distortion on the screen of some TVs or video monitors. To avoid this, you may need to move the unit further away from the TV or monitor if unnatural color shifts or image distortion occurs.

## TURNING THE UNIT ON/OFF

1. In Off (standby) mode, tap the **POWER/STANDBY**  **Button** on main unit or remote control to turn the unit ON. The unit will turn on, the last selected input mode icon will show on LCD display.
2. To turn the unit OFF (standby), tap the  **Button** on main unit or remote control again. The **LCD DISPLAY** will go dim and show the current time. The standby mode indicator lights.

## SETTING THE CLOCK

After plugging in the AC power, "12:00" will appear and start blinking on the LCD display.

1. In Power Off (Standby) mode, press and hold the **TIME SET Button** on remote control or main unit, the 12 HOUR format "12H" will show in display.
2. Tap the **◀◀** or **▶▶** **Button** on remote control or main unit to select 24 Hour format if necessary. Otherwise, press the **TIME SET Button** to confirm 12 Hour clock format and enter clock setup mode, Hour digits will be flashing.
3. Tap the **◀◀** or **▶▶** **Button** on remote control or main unit to adjust the hour. Press and hold the button for fast advance / reverse setting.  
**Note:** Make sure the hour is set so that the **PM** indicator is displayed correctly.
4. Press the **TIME SET Button** on remote control to confirm the hour setting, the minute digits will flash to prompt for input.
5. Tap the **◀◀** or **▶▶** **Button** on remote control or main unit to adjust the minute. Press and hold the button for fast advance / reverse setting.
6. Press the **TIME SET Button** on remote control again to complete the setting.

**NOTE:** The clock and radio station presets will need to be reset if the power is interrupted or in the event of a power outage. "12:00" will appear and start blinking on the LCD display to notify you that the power was interrupted and the clock will need to be reset. Please follow steps 1-6 above to reset the clock.


## CHECKING THE CLOCK

The unit will show the current time in standby mode. To check the current time in Power ON mode, press and hold the **TIME SET Button** on main unit or remote control for 3 seconds, the current time will show for 5 seconds and then return to the previous screen.

## ALARM OPERATION (REMOTE CONTROL ONLY)

### SETTING THE ALARM CLOCK


This function allows the system to turn on automatically and wake you using a beeping alarm, the CD or the RADIO.

1. In standby mode, press and hold the **ALARM Button** on remote control for 3 seconds, the alarm icon  and alarm time 12:00 will appear in display. Hour digits of alarm clock start flashing.
2. Press the **▶▶| / |◀◀ Button** to set the hour and then press the **ALARM Button** again to confirm, Minute digits will be flashing.  
**Note:** Make sure the hour is set so that the **PM** indicator is displayed correctly.
3. Press the **▶▶| / |◀◀ Button** to set the minute and then press the **ALARM Button** again to confirm, alarm wake up source will appear in display.
4. Press the **▶▶| / |◀◀ Button** to select wake to radio, CD or Beep and then press the **ALARM Button** again to confirm, alarm volume level will be flashing.
5. Press the **▶▶| / |◀◀ Button** to preset the wake up alarm volume level and then press the **SELECT Button** to finish alarm setup.



### NOTE:

- 1.) If "Wake to CD" is selected but a CD is not inserted, the alarm will default to the Beeping Alarm automatically when the alarm wake time is reached.
- 2.) For "Wake to Radio", the system will default to the last FM radio station listened to before switching off.
- 3.) The crescendo alarm will increase to the volume level you have set.


### ACTIVE/DE-ACTIVE ALARM FUNCTION

1. To active ALARM, tap the "**ALARM**" **Button** once, and the alarm icon "" will show on LCD display.
2. Cancel the ALARM function by tapping on the "**ALARM**" **Button** again. The alarm icon " will go off.






### Wake to Radio, CD or Beeping Alarm

- When the alarm time is reached, the CD, radio or beeping alarm will sound for 60 minutes then shut off and reset itself for the following day (without pressing the snooze button). You may activate the snooze function manually after the alarm sounds by pressing the **SNOOZE Button**. The buzzer stops for the snooze time (9 minutes) then comes again. The snooze operation can be repeated again within the remaining minutes from the set alarm time.  
**NOTE:** remaining time must be greater than 9 minutes from the alarm off time, otherwise alarm will stop until next day.
- To stop the alarm immediately after it sounds, tap the **Power**  **Button** on remote control or on main unit once. It resets itself for the following day.
- To cancel the following day alarm, tap the **ALARM Button** once, ALARM icon " goes off.

### SNOOZE FUNCTION

Press the **SNOOZE Button** on remote control once to temporarily terminate the alarm mode. The SNOOZE icon shows in display, the alarm will re-start again after 9 minutes on each press. To cancel the SNOOZE mode, press the **POWER/STANDBY**  **Button** once, the SNOOZE icon disappears from display.

## RADIO OPERATION

1. Tap the **POWER/STANDBY**  **Button** on main unit or remote control to turn on the unit.
2. Tap the **MODE Button** on main unit or remote control to select FM/AM mode, the FM/AM radio frequency appear in display.
3. To manually tune to a specific radio station, tap the **TUNE**  or  **Button** on either main unit or remote control repeatedly. Use the manual tuning method to tune in weaker stations that are bypassed during Automatic Tuning.
4. To automatically tune to the next available radio station, press and hold the  or  **Button** on main unit or remote control for 1-2 seconds until frequency readout on the display begins to scan and then release the button. The tuner will stop scanning when it receives the next broadcasting station of adequate signal strength.
5. Press the volume control on main unit or remote control to adjust the volume control to the desired volume level.

### FM / FM Stereo reception

When listening to the FM radio, press the **ST./MONO Button** on remote control to switch between stereo mode and mono mode. The FM stereo icon "ST" will appear on the display if unit is in stereo mode. It is preferable to receive the program in mono when you are receiving a weak station.



### HINTS FOR BEST RECEPTION:

**AM** - The AM antenna is located inside the cabinet of the unit. If AM reception is weak, change the position of unit until the internal antenna picks up the strongest signal.

**FM** - For best FM reception, the FM lead wire antenna located on the back of the unit should be fully unwrapped and extended.

**NOTE:** Automatic tuning depends on the signal strength of the broadcasting station, so weak stations may be skipped. You can manually tune to find the weak stations if a station gets skipped. With strong signals, the tuner may stop before it reaches the actual broadcast frequency, so you may need to manually tune for the best reception.

### PRESET RADIO STATIONS

1. Press the  **Button** on main unit or remote control to turn on the unit.
2. Tap the **MODE Button** on main unit or remote control to select FM radio mode.
3. Press and hold the **PLAY/PAUSE**  **Button** on main unit or remote control until frequency readout on the display begins to scan and then release the button for auto search and program preset channels. "PROG" appears in display and flashing. Auto searching and program will stop at P01 after scan finished, "PROG" shows in display steadily.  
**Note:** If the channels stored during the auto search & programmed preset are not ones you want saved, use the method below for the manually saving radio presets.
4. Tune to the desired radio station either by "manually" or "automatically" tuning method.
5. Tap the **MEM. Button** on main unit or remote control, the next available preset memory number and a flashing "PROG" icon will show in the LCD display. (Note:"P01" will show in the display if you are programming preset for first time)
6. Tap the **PRESET+/- Button** on main unit or remote control to select the preset number you want to assign the station to.
7. Tap the **MEM. Button** to confirm the setting.
8. Repeat above steps 4 - 8 to preset up to 30 FM and 20 AM stations.

### RECALLING PRESET MEMORY CHANNELS

In radio mode, recall the pre-set channels by pressing the **PRESET+/- Button** on main unit or remote control repeatedly.

## CD PLAYER OPERATION












**Note:** This CD player will not only play commercial CDs, but also self-compiled CD-R/RW discs. Do not attempt to play CD-ROM, CDI, VCD, DVD or computer CDs.

### PLEASE READ THIS IMPORTANT INFORMATION:





CD mechanisms used in devices like this are designed to read all commercial CDs. It will also read self-compiled CD-R/CD-RW discs, but it may take up to 10 seconds for the actual playback to begin. If playback does not start, it is likely due to the quality of the CD-R/RW disc and/or the compatibility of the CD compilation software. The manufacturer is not responsible for the playback quality of CD-R/RW discs.

Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

### PLAYING A CD

1. Press the **POWER/STANDBY**  **Button** on main unit or remote control to turn on the unit.
2. Tap the **MODE** **Button** on remote control or main unit to select CD mode and then press the **Open** the disc compartment.
3. Place an audio CD on the center spindle with its label side facing out towards the **CD DOOR**. Close the disc compartment.
4. Unit starts to read the disc, "--" shows in display and flashing. After few seconds, the total number of tracks show one second and then total time of the CD will be shown on the **LCD DISPLAY**.
5. Press the **PLAY/PAUSE**  **Button** on main unit or remote control, PLAY indicator  shows in display, the CD will start playing from first track.
6. Press the volume control Adjust the volume . on main unit or remote control to adjust to the desired volume level.
7. To pause playback, press the **PLAY/PAUSE**  **Button** on main unit or remote control. The track time will be paused and PAUSE indicator  will show in display. To resume playing, press the CD **PLAY/PAUSE**  **Button** again.
8. You can choose to play your favorite track directly by pressing either the **SKIP NEXT**  **Button** or **SKIP PREVIOUS**  **Button**. The LCD Display will indicate the correct track number selected.
9. To locate a particular section within a track, press and hold the  or  **Button** until the section is found. Release the button to continue playing your selection.
10. To stop playing, press the **STOP**  **Button**.
11. Turn off the JBS-200 when you are done listening.




### SKIP AND SEARCH MODE


1. During Play or Pause mode, tap the **SKIP NEXT**  or **SKIP PREVIOUS**  **Button** to go to the next track or go back to the beginning of the current track.
2. During playback, press and hold the  or  **Button** to search within the current track with audible high speed playback.

## DIFFERENT PLAY MODES (REMOTE CONTROL ONLY)

Press the **PLAY MODE** **Button** on remote control repeatedly to select different of play modes when CD is playing.

When playing CD, the play modes are shown as below.

Repeat 1  Repeat All  Random  Normal



REPEAT 1 - the track being played and will repeat continuously. Repeat one icon "REPART 1" shows in display.

REPEAT ALL - all tracks will repeat continuously. Repeat All icon “REPEAT ALL” shows in display.

RANDOM – the tracks in the disc will be played in random sequence. Random icon “RAND” shows in display.

## PLAY TRACK SEQUENCE PROGRAMMING

This function allows the tracks to be played in a programmed sequence.

**NOTE:** Program can only be set in STOP mode.

1. Tap the **MEM. Button** on main unit or remote control, the program number “1” shows in display, “PROG” icon and CD track number “- -” also flashing in the LCD display. (Note: “1 --” will be in the display if you are programming first time).
2. Use the **◀◀** or **▶▶** **Button** on main unit or remote control to select the desired track. The track number will be shown in display.
3. Tap the **MEM. Button** on main unit or remote control to store the selected track in the memory, the next program number will advance one (i.e. “2”) in LCD display.
4. Repeat steps 2 to 3 to store more tracks in the memory. You can store up to 20 tracks. Display will show “FUL” after 20 tracks have been programmed.
5. Tap the **▶/||** **Button** on main unit or remote control to start playing the CD in the programmed sequence.
6. Press the **PLAY MODE Button** on remote control to select Repeat 1/All if necessary.
7. To stop playing, press the **STOP ■ Button** on main unit or remote control.
8. To cancel the program play, press the **STOP ■ Button** on main unit or remote control twice, “PROG” icon disappears from display.

## BLUETOOTH OPERATION

Press the **POWER/STANDBY ⏻ Button** to turn ON the unit and follow the directions below to connect via Bluetooth.

### PAIRING (Linking) a BLUETOOTH ENABLED cell phone OR OTHER BLUETOOTH ENABLED DEVICE to the JBS-200

If the JBS-200 has never been paired with a Bluetooth device before. You need to follow the pairing instructions below to link the JBS-200 with your Bluetooth device.

1. Press the **⏻ Button** on main unit or remote control to turn on the unit.
2. Tap the **MODE Button** on main or remote control to select Bluetooth mode, Bluetooth “bt” message appears in display and flashing.
3. If the JBS-200 has never been paired with a Bluetooth device before or cannot find the last paired device, the flashing “bt” on LCD will indicate the JBS-200 is in search mode. You need to follow the pairing instructions below to link the JBS-200 with your Bluetooth device.
  - Turn on the Bluetooth function of your Bluetooth device and enable the search or scan function to find the JBS-200.
  - Select "JBS-200" from the device list when it appears on your device screen. If required, enter the pass code “0000” to pair (link) the JBS-200 with your device.
4. After successfully pairing (linking), display will change to show “bt” steadily, the Bluetooth icon also will show in display. You can begin playing music from your Bluetooth device wirelessly to the speaker.
5. After selecting your favorite song, press **PLAY/PAUSE ▶/|| Button** on the unit or remote control to play or pause the song.
6. Press the volume control on main unit or remote control to adjust to the desired volume level.
7. Press **◀** or **▶** **Button** on main unit or remote control to skip to previous or next song.
8. If you want to pair the JBS-200 with another Bluetooth enabled device, press and hold the **PAIR Button** for 3 seconds or turn off the Bluetooth function of device currently paired with JBS-200 then repeat step 3 above.

#### Notes:

- 1.) Refer to the manual of your cell phone, tablet PC, computer or other Bluetooth enabled devices for Bluetooth operation since it may vary from model to model.
- 2.) If your Bluetooth enabled device does not support A2DP profile, it will not play the music through the speaker, even if paired (linked).




- 3.) If you are pairing (linking) your computer to the unit using Bluetooth, you may need to set the speaker as your computer's default sound device.


## **CONNECTING YOUR BLUETOOTH DEVICE USING NFC**

### **ABOUT NFC**

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as mobile phones and IC tags. Thanks to the NFC function, data communication can be achieved easily just by touching the relevant symbol or designated location on NFC compatible devices.

1. Make sure your Smartphone or Bluetooth device has the NFC feature, and it is turned ON (enabled).
2. Turn on the JBS-200 power, press the **MODE Button** on main unit or remote control to enter Bluetooth mode, the Bluetooth icon  turns ON and Bluetooth "bt" message will be shown in display and flashing.

**Note** : If the JBS-200 is connected to other smartphone, press and hold the **PAIR Button** on remote control or main unit for 3 seconds to enter Bluetooth pairing mode, "bt" message will flash in display.

3. Touch the back of your smartphone to the NFC linking point  icon located on the center of the front panel of unit (above LCD display). Check the owner's manual of your Bluetooth device to locate the NFC touch point if you are not sure where it is.
4. If the JBS-200 is in pairing mode, it will turn on and enter Bluetooth mode automatically and pair with your smartphone. Display will change show "BT" steadily and some smartphones may ask you to confirm the pairing if they are not paired before.

**NOTE:** If you have multiple NFC compatible devices to link, just touch the smartphone to a different device to switch the connection to that device. For example, when your smartphone is connected to the JBS-200, just touch the linked smartphone to the system to disconnect it and then touch another smartphone you want to change the Bluetooth connection to (one touch connection switching). The connection will automatically be transferred from your smartphone to the new device.

### **NOTE ON CONNECTING**


Some 3<sup>rd</sup> party batteries and/or add-on wireless charging coils may interfere with using the NFC feature on this unit. If you followed the directions above for connecting, but find that you are still having problems connecting using NFC, we recommend checking to be sure your Bluetooth device is only using factory authorized parts and batteries.

## **AUXILIARY INPUT OPERATION**

This unit features an auxiliary audio signal input jack for connecting external audio devices like MP3 players, Digital Audio Device and listen to them through the speakers of this unit.

1. Use an audio cable (not included) with one 3.5 mm stereo plug on each end of the cable.
2. Plug one end into the **AUX IN JACK** on main unit and the other end of the cable into the Line-out Jack or Headphone Jack of your external audio device.
3. Turn on the unit and external audio device.
4. Tap the **MODE Button** on main or remote control to select AUX mode, "AUX" icon turns on, display shows "AUH" message.
5. The volume level can now be controlled through the main unit. Operate all other functions on the auxiliary device as usual.

### **Note:**

- If you connect this unit to the Line-Out Jack of your external device then you only need to adjust the volume control of this unit. If you connect the Headphone Jack of your external device then you may need to adjust both the volume controls of your external device and this unit to obtain the desirable volume setting.
- Press the  **Button** on main unit or remote control to turn off the unit when you have finished listening. Don't forget to switch off the power of your external device as well.

## PRESET EQ (REMOTE CONTROL ONLY)

This unit provides 4 different EQ modes to enhance your listening experience. You can select the desired effect by pressing the **EQ Button** on remote control repeatedly at following sequence:

ROCK → POPS → JAZZ → CLASSIC → OFF  
↑  
└──┘

## MUTE BUTTON (REMOTE CONTROL ONLY)

- Press the **MUTE Button** on remote control to mute the sound output from the speaker temporarily. The “MUTE” icon will appear in display.
- Press the **MUTE Button** again or **VOLUME CONTROL** on remote control to resume to normal speaker playback.

## SLEEP OPERATIONS (REMOTE CONTROL ONLY)

The sleep timer allows you to turn the unit off after a designated time is reached.

1. To activate the sleep timer, turn the unit on and tap the **MODE button** to select FM radio, CD, Bluetooth or listening to music via AUX IN.
2. Tap the **SLEEP button** on remote control, the sleep time icon “**SLEEP**” appears on the display.
3. Repeatedly tap the **SLEEP button** to select a sleep time. The unit will turn off after 10, 20, 30, 40, 50, 60, 70, 80 or 90 minutes. Wait for 3 seconds after your selection for the unit to confirm the selection, the unit will play for the selected length of time then automatically turn off.
4. To cancel the sleep timer, tap the **SLEEP button** repeatedly until timer shows “OFF”, the sleep time icon “**SLEEP**” disappears on the display
5. To turn the unit off before the selected length of time, press the **⏻ button** at any time.

### Notes:

- 1.) To check the remaining sleep time, tap the **SLEEP button** once.
- 2.) If you are falling asleep to music from an external device connected to the AUX input, the sleep timer will shut off the power to this system but it will not turn off the external device.

## USING HEADPHONES (NOT INCLUDED)

Inserting the plug of your headphones into the Stereo Headphone Jack will enable you to listen to the CD or Radio music in private. When using headphones, the Built-in Speakers will be disconnected.

### READ THIS IMPORTANT INFORMATION BEFORE USING YOUR HEADPHONES

1. Avoid extended play at very high volume as it may impair your hearing.
2. If you experience ringing in your ears, reduce the volume or shut off your unit.
3. Keep the volume at a reasonable level even if your headset is an open-air type designed to allow you to hear outside sounds. Please note that excessively high volume may still block outside sounds.

## ADJUST DISPLAY BRIGHTNESS (REMOTE CONTROL ONLY)

1. In Power on mode, press the **DIMMER Button** on the remote control to adjust the display brightness. The brightness of the front panel display will change in the order shown below.

BRIGHT → DIM → MEDIUM  
↑  
└──┘

2. In Standby mode, press the **DIMMER Button** on the remote control to adjust the display brightness. The brightness of the front panel display will change in the order shown below.

DIM → MEDIUM → BRIGHT  
↑  
└──┘



## RESETTING

If the system does not respond or has erratic operation, you may have experienced an electrostatic discharge (ESD) or a power surge that triggered the internal computer to shut down automatically. If this occurs, unplug the AC cord from power source, wait for 60 seconds, then plug the AC cord to power source again. The unit will be reset, you need to setup the clock, alarm and preset radio channels.

## CARE AND MAINTENANCE

1. Do not subject the unit to excessive force, shock, dust or extreme temperature.
2. Do not tamper the internal components of the unit.
3. Clean your unit with a dry cloth. Solvent or detergent should never be used.
4. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
5. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
6. If drop-outs or interruptions occur in the music during CD play, or if the CD fails to play at all, its bottom surface may require cleaning. Before playing, wipe the disc from the center outwards with a good soft cleaning cloth.



### CLEANING THE UNIT

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on the unit may be cleaned with a dust cloth and cared for as other furniture, Use caution when cleaning and wiping the plastic parts.
- If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinet.
- If the front panel becomes dirty or smudged with fingerprints it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes as these will damage the finish of your unit.

**CAUTION:** Never allow any water or other liquids to get inside the unit while cleaning.

## TROUBLESHOOTING GUIDE


If you experience difficulties in the use of this music system, please check the following or call 1-800-777-5331 for Customer Service.

Symptom	Possible Cause	Solution
The unit does not respond (no power)	The unit is disconnected from the AC outlet.	Reconnect to the AC outlet.
	The AC outlet has not power.	Try the unit on another outlet.
Unit is ON but there is low or no volume	Volume set too low.	Adjust the <b>VOLUME</b> control knob on main unit or <b>VOLUME+</b> on remote control to turn the sound level up.
Bluetooth: no sound	Bluetooth speaker is not linked with the cell phone	Go through the "Bluetooth Operations" process to link the speakers.
	Speaker placement out of range	Relocate the speaker within Bluetooth operating range
AM band is too noisy.	The reception for the station is weak.	Slightly rotate the unit for the best reception.

Noise or sound distorted on FM broadcast	Station not tuned properly. FM wire antenna is not fully extended.	Fine tune the FM broadcast station. Fully extend the FM wire antenna.
CD player will not play	Unit not in CD function mode. CD is installed incorrectly.  If the CD is self-compiled, the media used may not be compatible with the player.	Select CD function mode. Insert CD with label facing to the CD door. Use better quality blank media and retest.
CD skips while playing	Disc is dirty or scratched.	Wipe CD with clean cloth or use another disc.
Intermittent sound from CD Player	Dirty or defective disc.  Dirty pick up lens.  Player is subject to excessive shock or vibration.	Clean or replace the defective disc. Use a CD-lens cleaning disc to clean the lens. Relocate the player away from shock or vibration.
Sound is distorted	Volume level is set too high.	Decrease the volume.
	Sound source is distorted.	Try a different sound source. If you are using an external sound source like older generation of iPod, try reducing the output volume on the device itself. Also try turning bass boost OFF or change the EQ setting.
Unit gets warm after extended play at high volume	This is normal.	Turn the unit off for a period of time or lower volume

## SPECIFICATIONS

### **Power requirement:**

Main unit	AC input: 120V ~ 60Hz 24 W
Remote control:	1 x 3V  CR2025 Lithium Battery

### **Frequency Range**

Radio Band:	FM 87.5 ~ 108 MHz AM 520 ~ 1710KHz
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At Spectra, environmental and social responsibility is a core value of our business. We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at <http://www.spectraintl.com/green.htm> for more information on Spectra's green initiatives or to find a recycler in your area.

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**90 DAY LIMITED WARRANTY AND SERVICE  
VALID IN THE U.S.A. ONLY**

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 90 days from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
  - a. It remains in the possession of the original purchaser and proof of purchase is demonstrated.
  - b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
  - c. Claims are made within the warranty period.
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address, phone number and email address to expedite the process.

IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for **\$30.00** to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at [custserv@spectrainl.com](mailto:custserv@spectrainl.com) for updated information on the unit requiring service. In some cases the model you have may be discontinued, and SPECTRA reserves the right to offer alternative options for repair or replacement.

SPECTRA MERCHANDISING INTERNATIONAL, INC.  
4230 North Normandy Avenue,  
Chicago, IL 60634, USA.  
1-800-777-5331

To register your product, visit the link on the website below to enter your information.  
<http://www.spectrainl.com/wform.htm>