

JENSEN®
audio

**MODEL CD-472
PORTABLE AM/FM STEREO CD PLAYER**



**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.



The Caution Marking is located at the bottom enclosure of the apparatus.

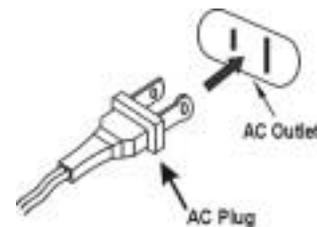
IMPORTANT SAFETY INSTRUCTIONS

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.
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.



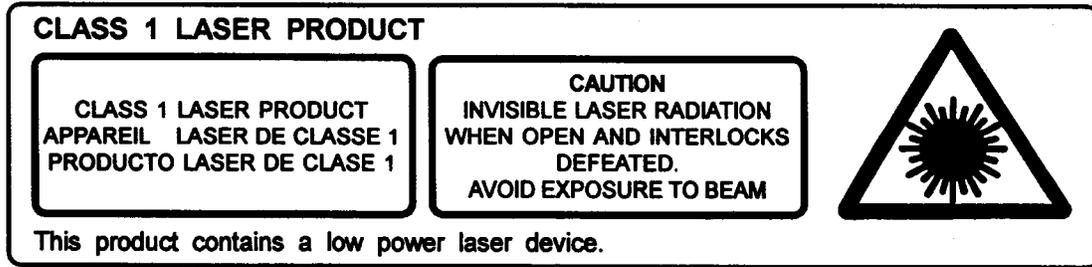
13. Unplug this apparatus during lightening storms or when unused for a long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects 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. The product may be mounted to a wall only if recommended by the manufacturer.
19. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
20. 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.
21. 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.
22. 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.

CAUTION:
TO PREVENT ELECTRIC SHOCK,
MATCH WIDE BLADE OF AC PLUG TO WIDE SLOT.
FULLY INSERT.



SAVE THESE INSTRUCTIONS

CAUTION



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.
- If the unit is not to be used for a long period of time, make sure that all power sources are disconnected from the unit. Remove all batteries from the battery compartment.
- 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.

Should any trouble occur, remove the power source and refer servicing to qualified personnel.

COMPLIANCE WITH FCC REGULATIONS

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.

WARNING

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

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.



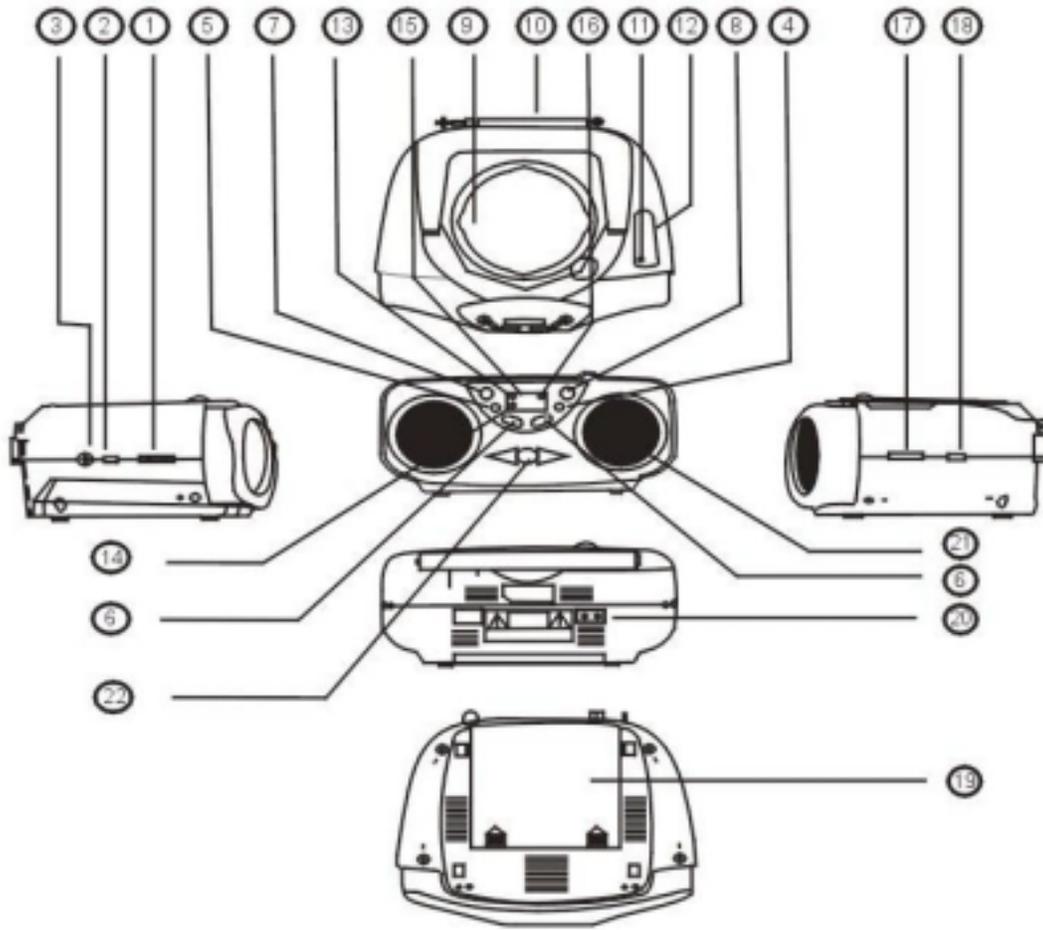
Customer's Record:

The serial number of this product is found on its bottom. 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: CD-472

Serial Number: _____

LOCATION OF CONTROLS



1. Volume Control	12. Dial Scale
2. Function Selector	13. Repeat Indicator
3. Stereo Headphone Jack	14. Program Indicator
4. Repeat (REP) Button	15. LED Display
5. Program (PROG) Button	16. Play/Pause Indicator
6. Skip Backward/Fast Reverse Button	17. Tuning Control
7. Stop Button	18. Band Selector (AM/FM/FM Stereo)
8. Play/Pause Button	19. Battery Compartment Door
9. CD Door	20. AC Power Jack
10. Telescopic Antenna	21. Speakers
11. FM Stereo Indicator	22. DBBS Control

IMPORTANT NOTES

Avoid installing the unit in locations described below:

- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Dusty places.
- Places subject to constant vibration.
- Humid or moist places.

POWER SOURCES

This unit operates on 120V~ 60Hz or 8 x DC1.5V "C" (UM-2) batteries. Do not attempt to operate the radio on any other power source. You could cause damage to the unit and void your warranty.

Please be sure the power outlet you plug this unit into is working and receives constant (unswitched) power.

AC OPERATION

1. Plug the AC POWER CORD into a 120V~ 60Hz outlet.
2. Slide the FUNCTION SELECTOR to "CD" for CD play, "FM" or "FM ST." for FM radio, "AM" for AM radio and "OFF" for unit power off.

BATTERY OPERATION

1. Remove the battery door.
2. Install 8 x DC1.5V "C" (UM-2) batteries (not included) according to the polarity diagram inside the battery compartment.
3. Close the battery door.

IMPORTANT: Be sure that the batteries are installed correctly. Wrong polarity may damage the unit and void the warranty. For best performance and longer operating time, we recommend the use of good quality alkaline-type batteries.

CAUTION

1. Do not mix old and new batteries.
2. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
3. If the unit is not to be used for an extended period of time, remove the battery. Old or leaking battery can cause damage to the unit and may void the warranty.
4. Do not dispose of batteries in fire, batteries may explode or leak.

BATTERY REPLACEMENT

When the output sound of this unit becomes distorted or the CD player operation appears unstable, the batteries are weak. You need to replace all the exhausted batteries at the same time as soon as possible to avoid battery leakage.

RADIO OPERATION

1. Slide the FUNCTION SELECTOR to "RADIO".
2. Select your desired radio band using the BAND SELECTOR for AM/FM or FM Stereo.
3. Rotate the TUNING KNOB to your desired radio station according to the dial scale on the knob.
4. Rotate the VOLUME CONTROL to adjust to the desired output level.
5. To turn off the radio, slide the FUNCTION SWITCH to "AUX (OFF)".

TIPS FOR BEST RECEPTION

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

FM – During FM reception, always keep the FM Telescopic Antenna fully extended. If FM reception is still weak try repositioning the unit near an open window until you get the best reception.

AUXILIARY INPUT (AUX) OPERATION

You can play other music sources (iPod, MP3 player or other digital audio players) through the speakers of this system.

1. Slide the FUNCTION SWITCH to the "AUX" position.

2. Plug one end of an appropriate audio cable (not included) into the AUX IN Jack of this unit and the other end to the line out or headphone jack of your digital audio player.
3. Start playing your digital audio player and gradually increase the volume output (if necessary) until a clear, undistorted sound is heard from the speakers of this unit.
4. Adjust the VOLUME CONTROL until you reach a comfortable listening level.
5. To stop auxiliary input function, simply remove the line in cable from the AUX IN JACK.

CD OPERATION

NOTE: This unit not only plays commercial compact discs but also self-complied CD-RW discs.

- Because of non-standardized format definition/production of CD-R/RW, playback quality & performance are not guaranteed.
- Manufacturer is not responsible for the playability of CD-R/RW due to recording conditions such as PC performance, writing software, media properties etc.
- Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

PLAY MODE

1. Slide the FUNCTION SWITCH to the "CD" position.
2. Open the CD DOOR, load a CD with the label side facing upward and then close the CD door.
3. Disc information (total number of tracks) will appear on the LED DISPLAY.
4. Press PLAY/PAUSE BUTTON to start playing the CD. The play/pause indicator on the LED DISPLAY will light steadily.
5. Adjust the VOLUME CONTROL to the desired volume level.
6. Press STOP BUTTON to stop playing.
7. To turn off the CD player, slide the FUNCTION SWITCH to "AUX (OFF)".



NOTE: If skipping occurs during CD play, try turning the volume down.
Do not open the CD DOOR when a CD is playing.

REPEAT MODE

Repeat 1

When the REPEAT BUTTON is pressed once, the repeat indicator on the LED DISPLAY will light and blink continuously. The current track will be repeated until it is interrupted.

Repeat All

When the REPEAT BUTTON is pressed twice, the repeat indicator will light steadily. The whole disc will be played continuously.

To Cancel Repeat Function: Press the REPEAT BUTTON until the repeat indicator is off.

SKIP AND SEARCH MODE

1. During Play or Pause mode, tap the FORWARD (FF) "▶▶" or REVERSE (REV) "◀◀" BUTTON to go to the next track or go back to the beginning of the track.
2. During play mode or Pause mode, press and hold the FORWARD (FF) "▶▶" or REVERSE (REV) "◀◀" BUTTON to search within the track with audible high speed forward or backward playback.

PROGRAM PLAY MODE

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

NOTE: Program can only be set in STOP mode.

1. Press the PROGRAM BUTTON once. "0" will flash in the LED DISPLAY.
2. Press the FORWARD (FF) "▶▶" or REVERSE (REV) "◀◀" BUTTON to select the track to be programmed. In this example, track 5 is selected.
3. Press the PROGRAM BUTTON again to store selection. The LED DISPLAY will go back to "0" and blink to prompt for the next input.
4. You may repeat steps #2 to #3 to program as many as 20 tracks. If you attempt to program more than 20 tracks, "--" will blink in the LED DISPLAY.
5. Press PLAY BUTTON to complete and start program play. Press STOP BUTTON to stop.



6. To review the programmed tracks, press the STOP BUTTON and then the PROGRAM BUTTON. The first programmed track number will blink in the LED DISPLAY. Press PROGRAM BUTTON repeatedly to loop through all the programmed tracks.
7. While reviewing program, you may add new tracks as in steps #1 to #3 when a blinking "0" appears. If " - - " blinks in the LED DISPLAY, you cannot add more new track.
8. To cancel programmed play, press the STOP BUTTON while reviewing programmed tracks or open the CD DOOR in stop mode.

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 in private. When using headphones, the speakers will be automatically disconnected.

SPECIFICATIONS

Frequency Range:	AM 530 - 1710 kHz FM 88 - 108 MHz
Power Sources:	120V~ 60Hz 12W or 8 x DC1.5V 'C' (UM-2) Batteries (Not included)

CARE AND MAINTENANCE

1. Children should be supervised when using this appliance.
2. Never wrap the earphone lead around any animal or person. Special care should be taken with long wires.
3. Clean your unit with a damp (never wet) 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.



TROUBLESHOOTING GUIDE

Symptom	Possible Cause	Solution
Noise or sound distorted on AM or FM broadcast	<ul style="list-style-type: none"> - Station not tuned properly for AM or FM. - FM: FM telescopic antenna is not extended. - AM: The bar antenna is not positioned correctly 	<ul style="list-style-type: none"> - Retune the AM or FM broadcast station. - FM: Extend FM telescopic antenna. - AM: Reposition the unit until the best reception is obtained.
AM or FM no sound	<ul style="list-style-type: none"> - Unit not in "RADIO" function mode. - Volume set at minimum 	<ul style="list-style-type: none"> - Slide Function Selector to "RADIO" position. - Increase Volume.
CD player will not play	<ul style="list-style-type: none"> - Unit not in CD function mode. - CD is not loaded properly. - If the CD is self-compiled, the media used may not be compatible with the player. 	<ul style="list-style-type: none"> - Select CD function mode. - Load CD with label side up. - Use better quality blank media and retest.
CD skips while playing	<ul style="list-style-type: none"> - Disc is dirty or scratched. 	<ul style="list-style-type: none"> - Wipe CD with clean cloth or use another disc.
Intermittent sound from CD player	<ul style="list-style-type: none"> - Dirty or defective disc - Dirty pick up lens - Player is subject to excessive shock or vibration 	<ul style="list-style-type: none"> - 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 appears distorted at high volume setting	<ul style="list-style-type: none"> - Volume control is set to maximum. 	<ul style="list-style-type: none"> - Adjust Volume Control to a lower level. - Turn off DBBS function for very loud music.

SERVICE

Please refer to the instructions on the enclosed warranty card for returning your unit for service. When returning the unit, please remove batteries to prevent damage to the unit in transit and/or from possible battery leakage. We are not responsible for batteries returned with the product or for the cost of replacement.

Distributed by:
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Printed in China