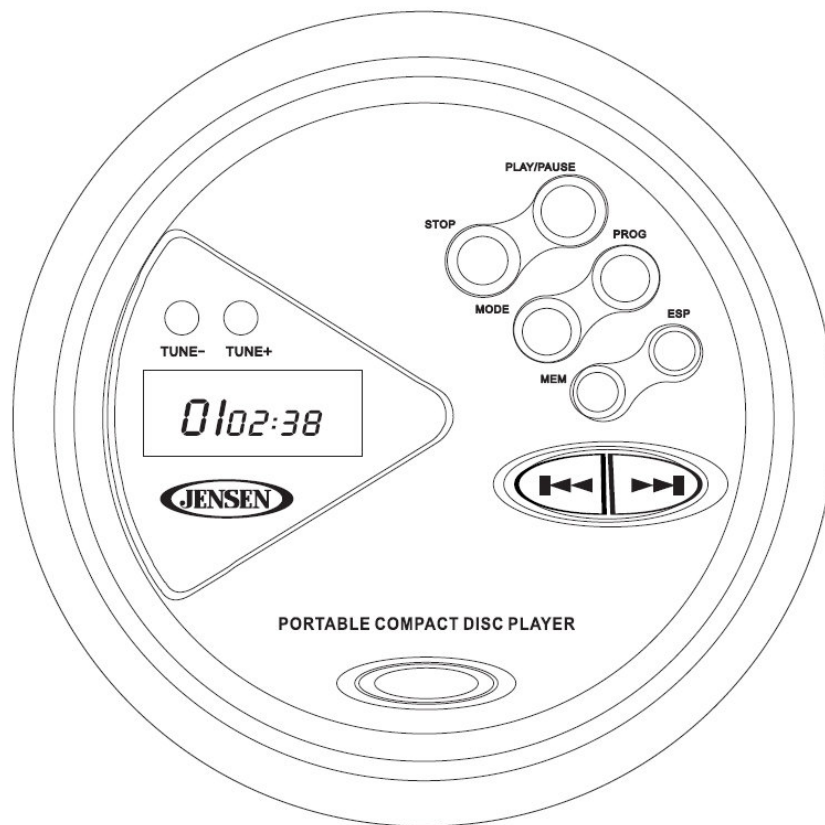


PERSONAL CD PLAYER WITH FM STEREO RADIO AND BASS BOOST



USER MANUAL

CD-60W

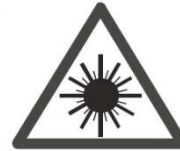
PLEASE READ THIS OPERATION MANUAL COMPLETELY BEFORE OPERATING
THIS UNIT AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

CAUTION

CLASS 1 LASER PRODUCT

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APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER 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.
- 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, and unplug the AC-DC adaptor from the wall outlet. Make it a practice to remove the AC-DC adaptor by grasping the plug and not by pulling the cord.
- 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 PLACEMENT

- Do not use the unit in places, which are extremely hot, cold, dusty or humid.
- Place the unit on a flat and even surface.
- Do not restrict the airflow of the unit by placing it in a place with poor ventilation, by covering it with a cloth or by placing it on a carpet.

ON CONDENSATION

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit.
- 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, remove the power source 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.

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 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 : CD-60W

Serial Number :

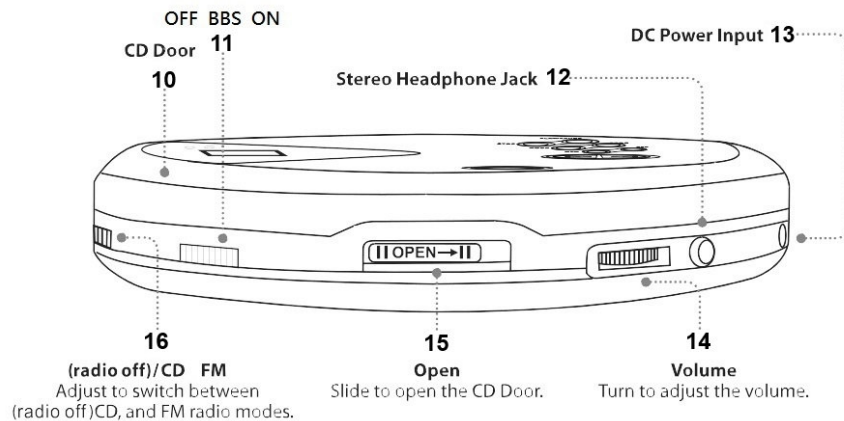
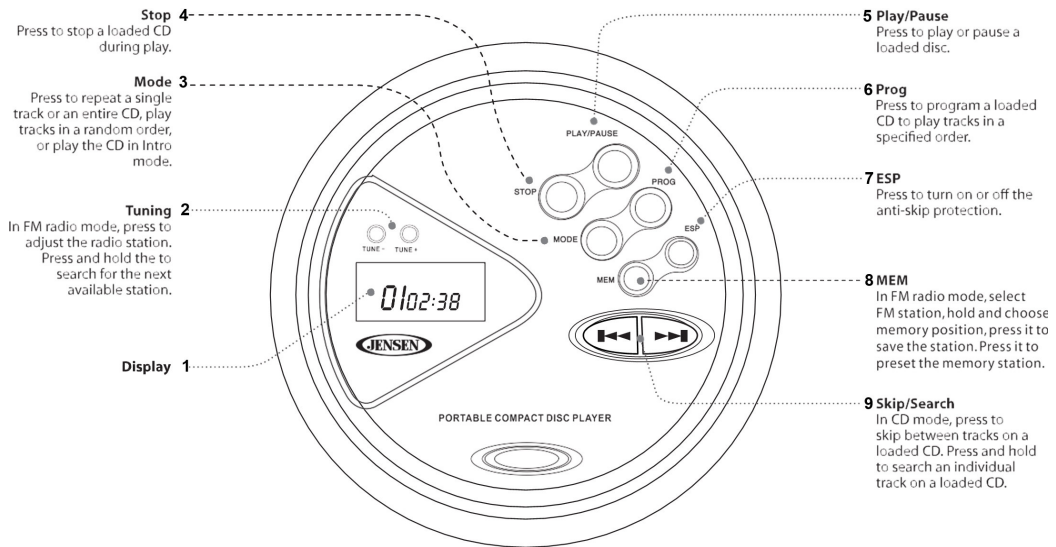
PREPARATION FOR USE

Unpack the unit carefully to remove all the accessories from the packing. Verify that the following accessories are present before setting up the unit.

Accessories:

- Main Unit X 1
- Earbuds X 1
- User Manual X 1

LOCATION OF CONTROLS



- | | |
|---|--|
| <p>1 LCD DISPLAY</p> <p>2 TUNE+ & TUNE- BUTTONS</p> <p>3 MODE BUTTON</p> <p>4 STOP BUTTON</p> <p>5 PLAY/PAUSE BUTTON</p> <p>6 PROG BUTTON</p> <p>7 ESP BUTTON</p> <p>8 MEM BUTTON</p> | <p>9 SKIP/SEARCH BACKWARD & SKIP/SEARCH FORWARD BUTTON</p> <p>10 CD DOOR</p> <p>11 BBS ON/OFF BUTTON</p> <p>12 HEADPHONE JACK</p> <p>13 DC JACK</p> <p>14 VOLUME CONTROL</p> <p>15 CD DOOR OPEN</p> <p>16 (RADIO OFF) CD/FM SELECTOR</p> |
|---|--|

POWER SOURCE



This CD player operates on two 1.5V DC "AA" size (UM-3) alkaline batteries (Not Included) or AC-DC adaptor with an output of 4.5V DC 700mA (Not Included).

BATTERY OPERATION

1. Open the battery compartment cover located on bottom of cabinet.
2. Insert two 1.5V DC "AA" size (UM-3) alkaline batteries (Not included) into the Battery compartment following the polarity markings as indicated in the compartment.
3. Close the battery door.

NOTE : Disconnect AC adaptor before install batteries.

For best performance and longer operating time, we recommend the use of alkaline batteries.

BATTERY WARNING

1. Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.
2. Use only the size and type of batteries specified.
 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 batteries. Old or leaking batteries can cause damage to the unit and may void the warranty.
4. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions).
5. Do not dispose of batteries in fire, batteries may leak or explode.
6. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

AC ADAPTOR OPERATION

1. Before connecting the adaptor to the player, make sure that the AC voltage of the adaptor corresponds to you local AC outlet voltage. The polarity of the adaptor must match to the polarity markings next to the DC jack on the player.
2. If you are using a universal adaptor with an output polarity switch or polarized plugs, be sure to set the polarity of the center plug to "+".



3. Plug the 4.5V DC 700mA AC-DC adaptor into an AC outlet.
4. Insert the DC plug into the DC IN jack on the player.

NOTE:

When the AC-DC adaptor is connected, the batteries will be automatically disconnected and the player will now operate on the adaptors power. Once the adaptor is unplugged the player will automatically switch to back to battery power.

EARPHONE CONNECTION

Connect the plug of the stereo earphone (included) into the PHONES socket.

CAUTION

- AVOID EXCESSIVE VOLUME LEVELS FOR LONG PERIODS OF TIME WHEN USING THE HEADPHONES. PROLONGED USE AT HIGH LEVELS MAY IMPAIR YOUR HEARING.
- Do not use earbuds while operating a motorized vehicle, as it may create a traffic hazard and is illegal in many areas

RADIO OPERATION

1. Slide the (RADIO OFF) CD/FM SELECTOR (#16) to FM position.
2. Press and hold the TUNE+ OR TUNE- BUTTONS (#2) to search for the next / previous available station. If the reception is poor, try Manual Tuning to fine-tune the station. Press the TUNE+ OR TUNE- BUTTONS (#2) briefly to manually tune through the frequency band.
3. Adjust the VOLUME Control (#14) to obtain the desired sound level.
4. To turn the Radio off, slide the CD/FM SELECTOR (#16) to CD position

SETTING THE RADIO STATION PRESETS

The CD-60W allows you to store up to 40 stations for easy recall at any time.

1. Tune to the radio station you want to store in memory.
2. Press and hold the MEM BUTTON (#8). The preset channel number "P01" will be flashing on display.
3. To change the preset channel number location, press the TUNE+ OR TUNE- BUTTONS (#2) to step through the preset locations (P01 – P40).
4. To confirm the preset location, press MEM BUTTON (#8).
5. To store up to 40 station presets, repeat steps 1-4 above.

RECALL PRESET STATION

In Radio mode, press MEM BUTTON (#8) repeatedly to select the preset channel.

TIPS FOR BEST RADIO RECEPTION

To insure maximum FM tuner reception, fully extend the earphone cord.

CD OPERATION

1. Slide the (RADIO OFF) CD/FM SELECTOR (#16) to CD position.
2. Open the CD Door (#10). Carefully place an audio CD with its label side upward in the CD compartment and close the CD Door (#10).
3. Press the PLAY/PAUSE BUTTON (#5). The player will start reading TOC of the disc.
4. The total number of tracks on the CD will appear in the LCD Display (#1) after a few seconds and start playing from the first track.
5. Adjust the Volume Control (#14) to obtain the desired sound level from the Built-in Speakers.
6. To suspend playing, press the PLAY/PAUSE BUTTON (#5) again. To resume playing, press the PLAY/PAUSE BUTTON (#5) again.
7. You can choose to play your favorite track directly by pressing either the ►► or ◀◀ BUTTONS (#9). The LCD Display (#1) will indicate the correct track number selected.
8. To locate a particular passage within a track, keep the ►► or ◀◀ BUTTONS (#9) depressed until it is found.

NOTE: Low level audio will be heard during the search process to assist in locating correct point in the track.

9. To repeat a particular track, press the MODE BUTTON (#3) once or until the REPEAT 1 INDICATOR lights on the LCD display (#1).
10. To repeat the entire CD, press the MODE BUTTON (#3) twice or until the REPEAT ALL INDICATOR lights on the LCD display (#1).
11. To stop playing, press the STOP BUTTON (#4).
12. At Stop mode, press MODE Button (#3) three times. The INTRO INDICATOR lights on the LCD display. Press PLAY/PAUSE BUTTON (#5) to play the first 10 seconds of each song in the disc.
13. At Stop mode, press MODE BUTTON (#3) four times. The SHUFF INDICATOR lights on the LCD display. Press PLAY/PAUSE BUTTON (#5) to play songs randomly.
14. When you wish to turn off the CD PLAYER, press the STOP BUTTON (#4) again at Stop mode..

CD PROGRAMMED OPERATION

This function allows the tracks to be played in a programmed sequence. Programs can be set in either the STOP or NORMAL PLAY mode.

1. Press the PROG. BUTTON (#6) once. The PROG. INDICATOR will flash and Program Channel Number "01" will appear and the track number "00" will blink in the LCD Display (#1) to prompt for input.
2. Press the ►► or ◀◀ BUTTONS (#9) to select the song to be programmed.
3. Press the PROG. BUTTON (#6) again to store selection. The Program Channel No. will change to "02" and the track number "00" will blink to prompt for input
4. You may repeat steps 1 - 4 to program as many as 20 tracks.
5. Press PLAY/PAUSE BUTTON (#5) to start the programmed play
6. You may repeat the current programmed track or all programmed tracks by pressing the MODE BUTTON (#3) once or twice.
7. Press STOP BUTTON (#4) once to stop playback.
8. Press PROG (#6) and then PLAY/PAUSE (#5) to resume programmed play.
9. To cancel programmed play and turn off the CD-60W, press the STOP BUTTON (#4) again in STOP mode.

NOTES ON CD-R/RW DISCS

- This player plays not only commercial CDs but also self-compiled CD-R/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 ability, etc.
- Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

BBS OPERATION

Slide the BBS switch (#11) to ON position to enhance the bass effect of the music being played.
Slide the BBS switch (#11) to OFF position to turn the effect off.

ANTI-SHOCK PROTECTION

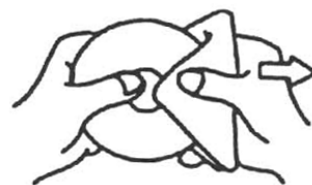
This player incorporates an electronic anti-skip circuit to prevent interruption of the sound output when the unit is subjected to shock, vibration or rolling during disc playback. The anti-shock system will automatically activate when a disc is playing, the ESP indicator will appear in display and flashing.

Once anti-skip buffer is full, it will give you approximately 60 seconds of protection against interruption of sound output. If the player is subjected to shock or rolling for longer than the buffer memory, some interruption of sound output will occur. This is normal and to be expected and the sound will resume once the player has stabilized from the shock or rolling disturbance.

Note: The anti-skip function provides for continuous sound output when the unit is subjected to shock or vibration. It will not compensate for errors arising from the use of defective, scratched or dirty discs.

CARE AND MAINTANCE

1. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
2. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
3. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
4. 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.



TECHNICAL SPECIFICATION

Batteries	2 x "AA" (UM-3) batteries (not included)
AC Power Requirement	AC / DC adapter (not included) Input AC 100 - 240V ~ Output DC 4.5V $\overline{\text{---}}$ 700mA \ominus \oplus
FM Radio Section	87~108 MHz

TROUBLE SHOOTING

SYMPTOM	POSSIBLE	SOLUTION
No sound	Battery no power	Replace all batteries with new ones.
	Volume set at minimum	Increase Volume.
Noise or sound distorted on FM broadcast	Earphone cord is not extended	Extend earphone cord
Radio no sound	Unit not in RADIO (FM) mode	Slide CD/FM Selector to FM position.
	Station unstable	Retune the station again
CD player will not play	Unit not in CD mode	Slide CD/FM Selector to CD position.
	CD is installed incorrectly	Insert CD with label side up.
	Batteries become exhausted	Replace all batteries with new ones.
	It the CD is self-compiled, the media used may not be compatible with the player.	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.
	Dirty or defective disc	Clean or replace the defective disc
	Dirty pick up lens	Use a CD-lens cleaning disc to clean the lens
	Player is subject to excessive shock or vibration	Relocate the player away from shock or vibration
CD skips while playing	Batteries become exhausted	Replace all batteries with new ones.

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