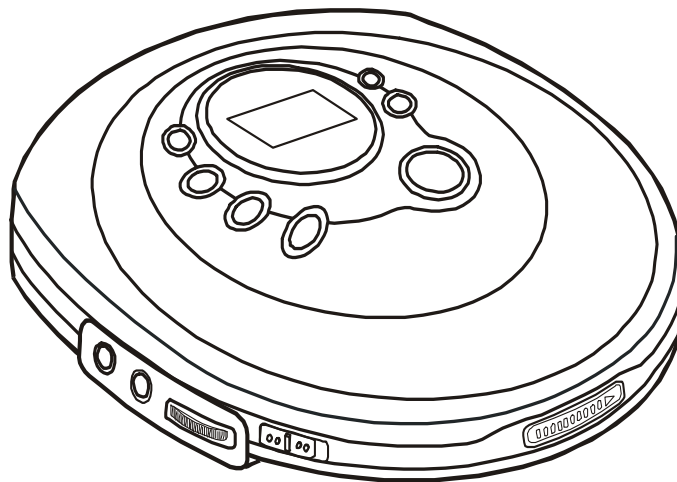


jWIN[®]

MODEL # JX-CD678

**CD PLAYER WITH BASS BOOST,
60-SECOND SUPER A.S.P.**



INSTRUCTION MANUAL

Visit our web site www.jwin.com

WARNING

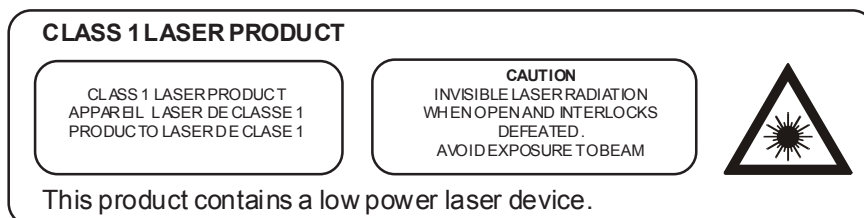
To prevent fire or shock hazard, do not expose the unit to rain or moisture.
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

SAFETY PRECAUTION

1. As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
2. Stop operation immediately if any liquid or solid object should fall into the cabinet. Unplug the unit and have it checked by qualified personnel.
3. Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.
4. Do not put anything in the safety slot. If you do, the laser diode will be ON when the lid is still opened.
5. 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 adaptor from the wall outlet. Make it a practice to remove the AC adaptor by grasping the main body and not by pulling the cord.
6. This unit employs a laser. The use of controls or adjustment or performance of procedures other than those specified herein may result in exposure to hazardous radiation.

Warning:

The apparatus should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



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:

- Reorientate 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 technician for help.

IMPORTANT NOTES

Your hearing is very important to you and to us so please take care when operating this equipment. It is strongly recommended that you follow the listed guidelines in order to prevent possible damage or loss of hearing:

ESTABLISH A SAFE SOUND LEVEL

- Over time your hearing will adapt to continuous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact be harmful. To guard against this BEFORE YOUR HEARING ADAPTS set the volume at a low level.
- Slowly increase the level until you can hear comfortably and clearly and without distortion.
- Damage to your hearing is accumulative and is irreversible.
- Any ringing or discomfort in the ears indicates that the volume is too loud.

Once you have established a comfortable listening level, **DO NOT INCREASE THE SOUND LEVEL FURTHER.**

The following list of typical sound levels may assist you in recognizing just how loud you have set the volume level.

DECIBEL

Level dB	Example
30dB	Quiet Library, soft whispers
40	Living room, fridge freezer bedroom away from traffic.
50	Normal conversation, quiet office, light traffic.
60	Electric sewing machine.
70	Vacuum cleaner, hair dryer, noisy restaurant.

THE FOLLOWING NOISES CAN BE HARMFUL UNDER CONSTANT EXPOSURE

80dB	Average city traffic, alarm clock buzzer at 2 feet, food mixer.
90	Motorcycle, heavy goods vehicle, petrol lawn mower.
100	Pneumatic drill, chain saw, garbage truck, discotec / night - club.
120	Rock band concert, thunderclap.

PERMANENT LOSS OF HEARING

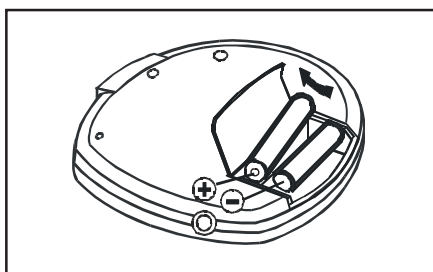
140	THRESHOLD OF PAIN Gunshot 2 feet away.
180	Rocket Launching pad.

Mode No: _____ Serial No: _____

POWER SOURCES NORMAL BATTERIES / AC ADAPTOR

Battery Power Operation

1. Open the battery compartment cover and insert two "AA" (UM-3) alkaline batteries (not included) inside the battery compartment. Follow the polarity as indicated in the battery compartment.
2. Close the battery compartment cover.



Note: When the unit is to be operated using batteries, always unplug the AC adaptor from the AC power outlet and the DC input jack from the set. Otherwise the player will not operate.

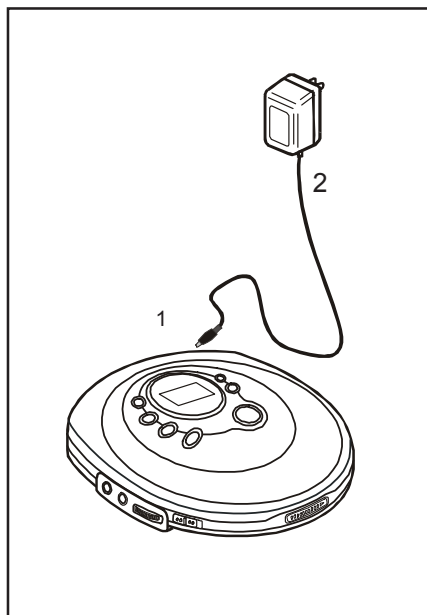
3. For better performance and longer operating time, we recommend the use of alkaline batteries.
4. (a) Do not mix old and new batteries.
(b) Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
5. If the unit is not to be used for an extended period of time, remove the batteries. Old or leaking batteries can cause damage to the unit and may void the warranty.

AC Adaptor Operation

(AC adaptor not included)

Only use a 4.5V/500mA DC, positive center pin power adapter. Any other adapter may damage the set.

1. Make sure the local voltage corresponds to the adapter's voltage.
2. Connect the power adapter to the 4.5V DC jack of the player and to the wall outlet.



HEADPHONE AND HI-FI CONNECTION

■ Listening with the headphones

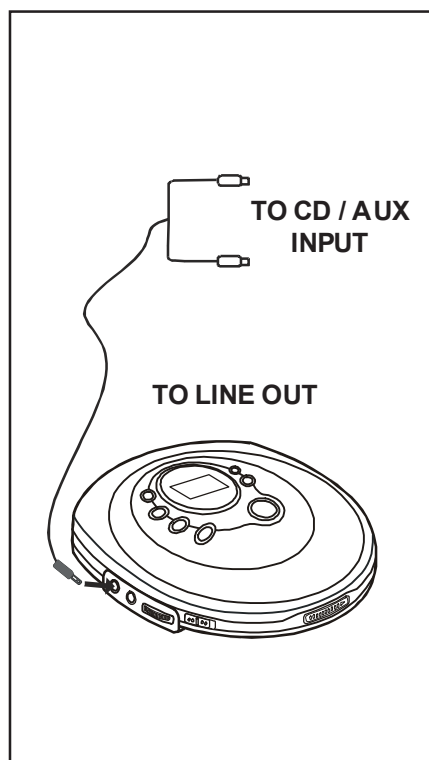
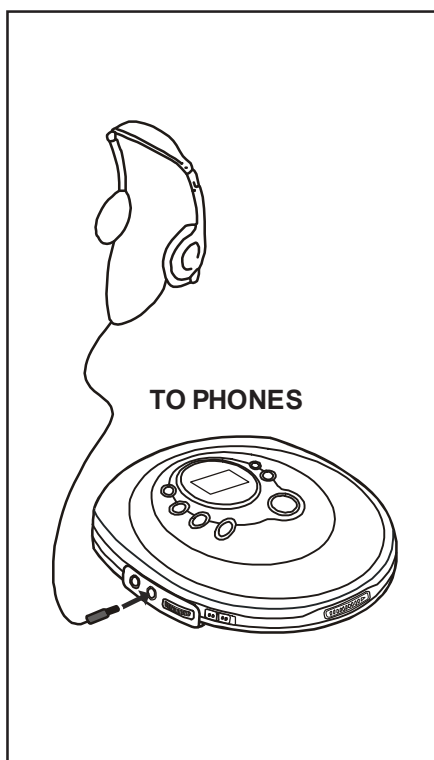
Connect the plug of the stereo headphones (included) into the PHONES (GREEN) socket.

■ Connecting to component audio systems

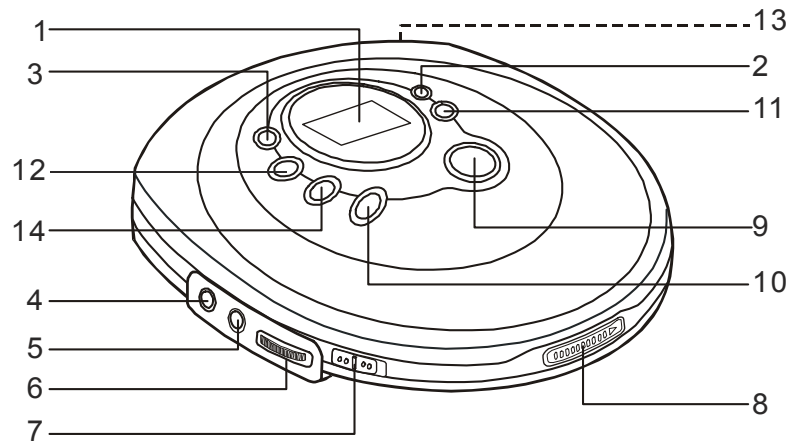
Connect the stereo connection cable (not included) into the LINE OUT (BLACK) socket of the unit and the CD / AUX inputs of an audio system.

Caution: Avoid excessive volume levels for a long period of time when using headphones, as this may impair your hearing.

Note: Always switch the power off before making any connections between the player and another unit.

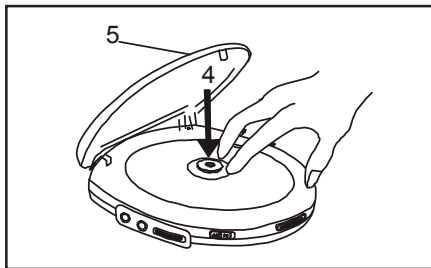
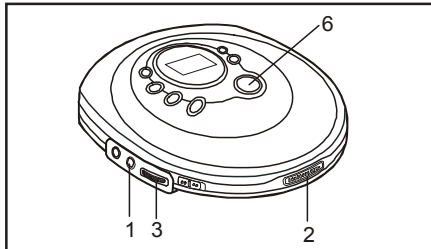


LOCATION OF CONTROLS



- | | |
|---------------------|--|
| 1. DISPLAY WINDOW | 9. PLAY/PAUSE BUTTON ▶▶ |
| 2. PROGRAMME BUTTON | 10. STOP BUTTON ■ |
| 3. MODE BUTTON | 11. SKIP/SEARCH FORWARD
BUTTON ▶▶ |
| 4. LINEOUT SOCKET | 12. SKIP/SEARCH BACKWARD
BUTTON ◀◀ |
| 5. PHONES SOCKET | 13. DC 4.5V INPUT SOCKET |
| 6. VOLUME CONTROL | 14. ASP BUTTON |
| 7. BASSBOOST SWITCH | |
| 8. OPEN SWITCH | |

BASIC DISC PLAY



1. Connect the Headphones to the PHONES (GREEN) socket.
2. Slide the OPEN switch to open the CD compartment lid.
3. Adjust the VOLUME to minimum.
4. Insert the disc with the label side facing up.
5. Close the lid securely until a click is heard.
6. Press the PLAY/PAUSE button to start playing.

To enhance the bass effect

Set the BASS BOOST switch to the ON position.



Remove the disc

Hold the edge and gently press the center pivot as illustrated, then pick up the disc.



Caution:

Wait for the disc to stop rotating before pressing the OPEN button.

NOTE:

This unit can play 3" (8cm) single CD's without an adaptor. Do not use a CD single adaptor for these discs.

Note: The bass boost performance will be dependent on the VOLUME control setting.

Turning Power on and off

This unit has no ON / OFF switch. To turn on and off, press the following buttons.

To turn on : Press ►|| PLAY / PAUSE (playback starts)

To turn off : Press ■ STOP button once for standby mode.
Press ■ STOP button again to turn off the power.

Auto power-off function

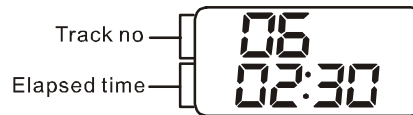
When the unit is stopped (standby mode) for approximately 1 minute, the power is automatically turned off.

EN-6

LCD DISPLAY INFORMATION

During PLAY mode

The track number and the elapsed playing time are displayed.



This sixth track has elapsed 2 min 30sec.

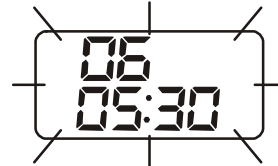
During STOP mode

The total number of tracks and the total playing time of the disc are displayed.



During PAUSE mode


The track playback is paused, the elapsed time and track number is flashing.



Note:

When lid is opened during play mode ---- shows in the display indicating the door is open.

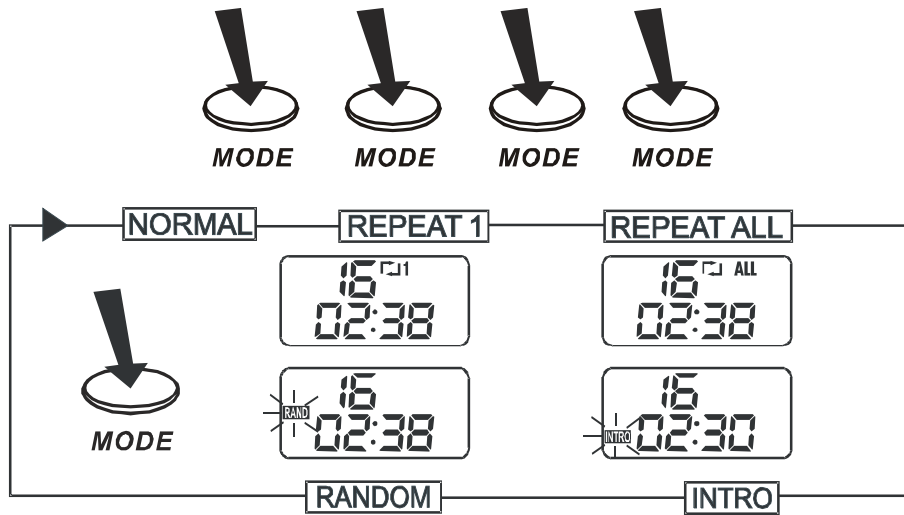
Note:

A flashing  indication appears in the display when the batteries need to be changed.

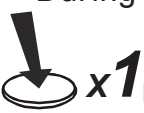


REPEAT / PLAY MODES

Every time the MODE button is pressed, the corresponding mode appears in the display window, in the following sequence :




Shown in the LCD display.
The current track on the disc will be repeated.

During play
 **x1** press
MODE



Shown in the LCD display.
All tracks on the disc will be repeated.

During play
 **x2** presses
MODE


NOTE: In normal mode none of the above symbols show in the display.

NORMAL PLAYBACK

Play the whole disc



Press once to play

 **x1** press
PLAY/PAUSE

INTRO SCAN AND PROGRAMMED TRACK PLAY

INTRO

Plays the first 10 seconds of each track on the disc.



Press **▶||** to start playing "INTRO" scan.

During play



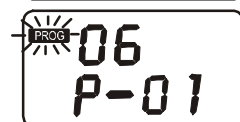
PROGRAM

This allows selected tracks on the disc to be played in any desired order.

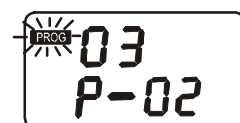
To set the program play

*Programs can be set in the STOP mode.

1. Press the PROGRAM button when the unit is in the stop mode.
The track number will appear in the display with the **PROG** indicator flashing.
2. Press **◀◀** or **▶▶** to select the desired track.
3. Press the PROGRAM button to enter the track into the memory.
4. Repeat step 2 and 3 to program up to 24 tracks memory.
5. Press **▶||** to start the programmed play.
6. To erase the program, press the **■** STOP button twice.

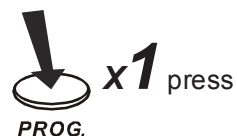


Track no. of the first desired selection



The second selection

During STOP mode



RANDOM PLAY/SKIP AND SEARCH FUNCTIONS

RANDOM

Enables all the tracks on a disc to be played in a Random (RAND) sequence.

For example : If "RAND" is selected while playing track 8, the random function will commence once track 8 has ended.

When all tracks on a disc have been played the player will automatically stop and power down in approx. 1 minute to preserve battery life.



During play



Press MODE button again to return to the NORMAL play mode.

Locating a Particular track

To skip back to the beginning of the current or a previous track	Press ◀◀ lightly and repeatedly.
To skip to the beginning of the following tracks	Press ▶▶ lightly and repeatedly.



Locating a Particular Point in a track

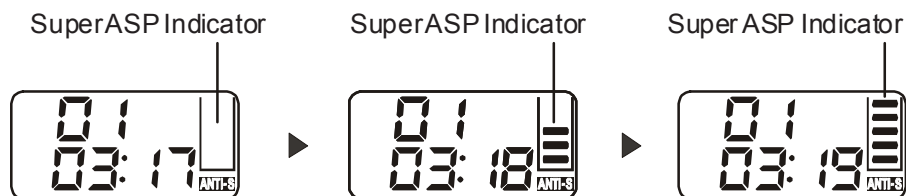
To search backward at a high speed	Keep ◀◀ depressed
To search forward at a high speed	Keep ▶▶ depressed

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

SUPER ANTI-SKIP OPERATION

This player incorporates a superior electronic anti-skip circuit which prevents interruption of the sound output when the unit is subjected to shock, vibration or rolling during disc playback. If in use the player is likely to be subjected to shock, vibration or rolling (i.e. while walking or if used in a vehicle) press the Super ASP button to provide uninterrupted playback.

When the Super ASP button is pressed in the play mode the display will show  and the function is initialised. When  shows in the display the data buffer is full.



The sound will mute for approximately 1 second while the buffer fills. Once filled the buffer will give approximately 60 seconds of protection against interruption of sound output. If the player is subjected to shock or rolling of over 60 seconds duration 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 disturbances.

To turn this function off press the Super ASP button.

Notes:

1. When using the Super ASP function the battery power consumption increases because the disc rotates faster than normal and the dynamic memory is active.
2. While the Super ASP function provides for continuous sound output when the unit is subjected to continuous shock, vibration or rolling it will not correct errors arising from the use of defective, scratched or dirty discs.
3. When powering the player solely from batteries, only use the Super ASP function where necessary to preserve battery life.

PLAYER MAINTENANCE

Cleaning the Cabinet

Wipe with a soft cloth. If the cabinet is very dirty, dampen the cloth with a weak solution of neutral detergent and water, and then wipe clean.

Cleaning the Lens

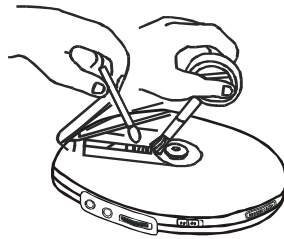
A dirty lens will cause sound skipping. If the lens is very dirty, open the CD compartment lid and clean the lens as follows :

Dust or Dry Particles

Using a camera lens brush / blower, blow on the lens couple times, then wipe it lightly with the brush to remove dust. Then, blow on the lens once more.

Fingerprints

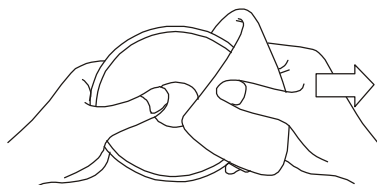
If the lens cannot be cleaned using brush / blower, use a cotton swab starting in the middle and working to the outside edge.



DISC CLEANING AND TROUBLESHOOTING GUIDE

Cleaning the Disc

When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.



Note: Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray intended for analog discs.

Troubleshooting Guide	
Problem	Points to Check
Player fails to function	<ul style="list-style-type: none"> Disc may be inserted upside down Disc not mounted correctly on chuck Dirty or defective disc Dirty pick up lens Player lid not closed Moisture/Condensation, Allow player to warm up to room temperature for 60 minutes AC power to adaptor switched off Weak batteries Auto power off has occurred, Press play button to restore power.
No sound from Headphones	<ul style="list-style-type: none"> Headphone plug is not firmly inserted into the Green Phones socket. Headphones have been inserted into the Black line output socket.
No sound when played through an external amplifier	<ul style="list-style-type: none"> Connection is incorrect Power to external amplifier not switched on
Intermittent sound	<ul style="list-style-type: none"> Dirty or defective disc Dirty pick up lens Player is subject to excessive vibration or shock Low battery power Poor Headphone connection

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