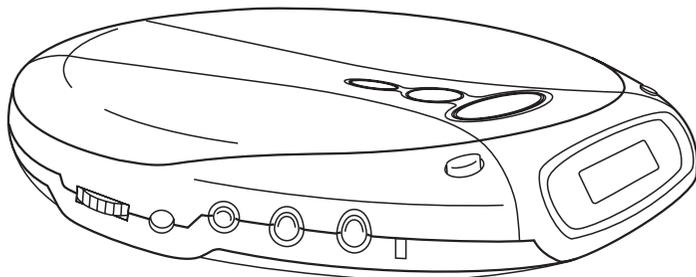


Goodmans

Anti-Shock MP3 Compact Disc Player CDMP3527K

Instruction Manual



SPECIFICATIONS

Programme Play	Up to 20 memories for CD and 64 memories for MP3
Line output	0.6V RMS
Earphone output	20mW
Power requirement	DC 4.5V external and battery 3V ("AA" Cell x 2) (IEC R6, JIS SUM-3 or Ni-Cd rechargeable battery)
Dimension.....	Appro. 154.5(W) x 25(H) x 141(D)mm
Weight	228g not including battery (Main Unit)

For improvement purposes, specification and design are subject to change without notice.

Goodmans Product Information Helpline 0870 873 0080

IMPORTANT NOTES

1. In order to maximize battery life and provide optimum playing time this product incorporates an Auto Power Off function.
The power to the player will automatically switch off approximately 30 seconds after a disc has finished playing .
2. The ESP function is automatically engaged when playback starts. For more information, see section 8 of these instructions.

Helpline No.: 0870 873 0080

WARNING

1. To prevent fire or shock hazard, do not expose the unit to rain or moisture.
2. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
3. Do not put anything in the safety slot. If you do, the laser diode will be ON when the lid is still opened.
4. The unit employs a laser. The use of controls or adjustments or performance of procedures other than those specified herein may result in exposure to hazardous radiation.

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SAFETY PRECAUTIONS

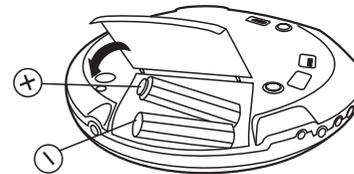
1. As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
2. Stop operation immediately if any liquid or solid object should fall into the cabinet. Unplug the unit and have it checked by qualified personnel.
3. Do not touch the lens or poke 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. The unit employs a laser. The use of controls or adjustments or performance of procedures other than those specified herein may result in exposure to hazardous radiation.

1. POWER SOURCES NORMAL BATTERIES/AC ADAPTOR

Battery Power Operation

1. Open the battery compartment cover and insert two "AA" alkaline batteries inside the battery compartment. Be sure to observe the proper polarity (the "+" and "-" signs) as indicated inside the battery compartment.
2. Close the battery compartment cover.

Average Playing Time (Continuous Play)		
Battery Type	Anti-Shock Mode	Normal Play Mode
Alkaline MN 1500, LR 6 or Equivalent	10 Hours	Approx. 12 Hours
Ni-CAD rechargeable (min. specification recommended 1.2V - 650mA)	8 Hours	Approx. 9 Hours
Note: Zinc/Carbon, or Zinc/Chloride type batteries are not recommended for this unit as their use will result in extremely short playing times.		

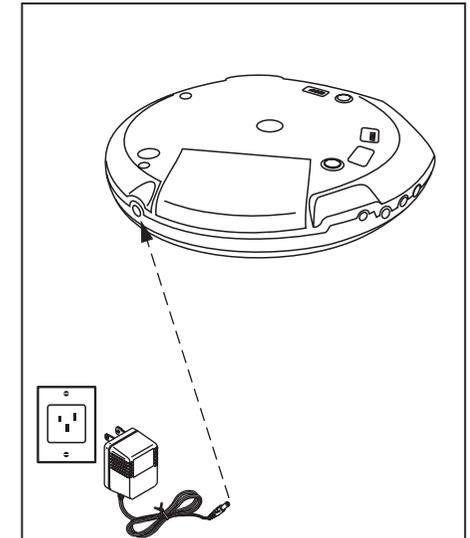


AC Operation

1. Insert the DC plug at the end of the AC adaptor (not included) cord into the DC input socket at the rear of the unit.
2. Plug the AC adaptor (not included) into a 230V AC power outlet socket.

Note If the AC plug of this unit does not fit in your AC outlet, a plug adaptor (not included) should be used.

Consult your local dealer on the type of plug adaptor required.



WARNING

ENSURE THAT THE BATTERY RECHARGE SWITCH IS OFF WHEN USING THE AC ADAPTOR WITH NON RECHARGEABLE BATTERIES INSTALLED.

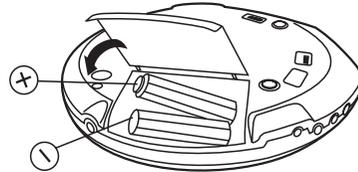
2. CHARGING AND USE OF RECHARGEABLE BATTERIES

Rechargeable Battery Operation

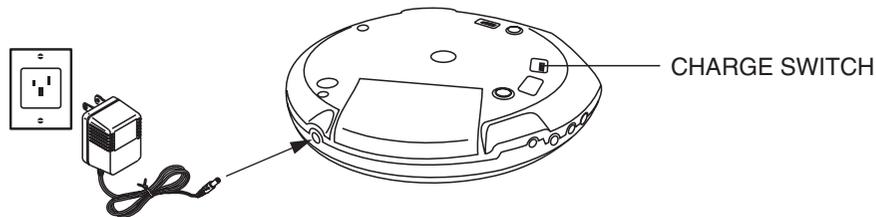
This unit can fully recharge the specified rechargeable batteries, in approximately 15 hours. The rechargeable batteries (NOT supplied) should be recharged before they are used for the first time because they are low in power or they have not been used for a long period (over 60 days)

1. Open the battery compartment cover and insert two of the recommended rechargeable batteries, matching polarity. (1.2V 650mA)

ALL BATTERIES MUST BE OF RECHARGEABLE NICKEL-CADMIUM / NI-MH TYPE. OTHERWISE THE BATTERIES MAY EXPLODE OR LEAK.



2. Plug in the AC adaptor (not included) and set the Charge switch to ON position to start charging. The CHARGE indicator will illuminate.



3. After 15 hours, please unplug the AC adaptor and switch the Charge switch to the OFF position. **DO NOT CHARGE CONTINUOUSLY FOR 24 HOURS OR MORE. DOING SO CAN CAUSE THE PERFORMANCE OF THE RECHARGEABLE BATTERIES TO DETERIORATE.**

Note you may play DISC while charging the batteries.

4. If the operating time decreases drastically even when the rechargeable nickel-cadmium batteries are properly recharged, purchase a new set of rechargeable nickel-cadmium batteries.
5. When charging for the first time or after a long time, playing time may be reduced. In this case, charge and discharge the batteries several times.

Charging Rechargeable batteries

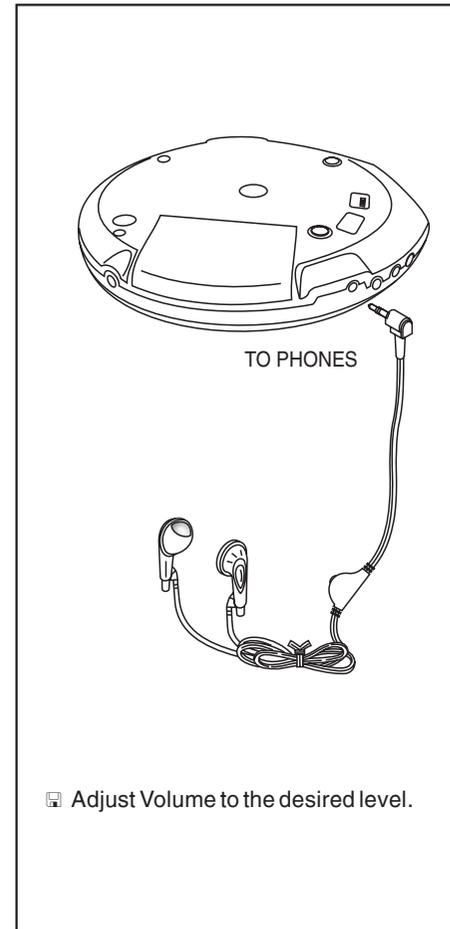
The charging current for this player is 120mA and has been optimised for over night charging of NI-MH batteries. NI CAD batteries can still be charged in this player but please note due to their lower capacity the charging time will need to be reduced.

3. EARPHONE AND HI-FI CONNECTION

Listening with the earphone

Connect the plug of the stereo earphones (included) or headphones (not included) into the PHONES (GREEN) socket.

Caution Avoid excessive volume levels and listening to sound for a long period of time when using headphone.

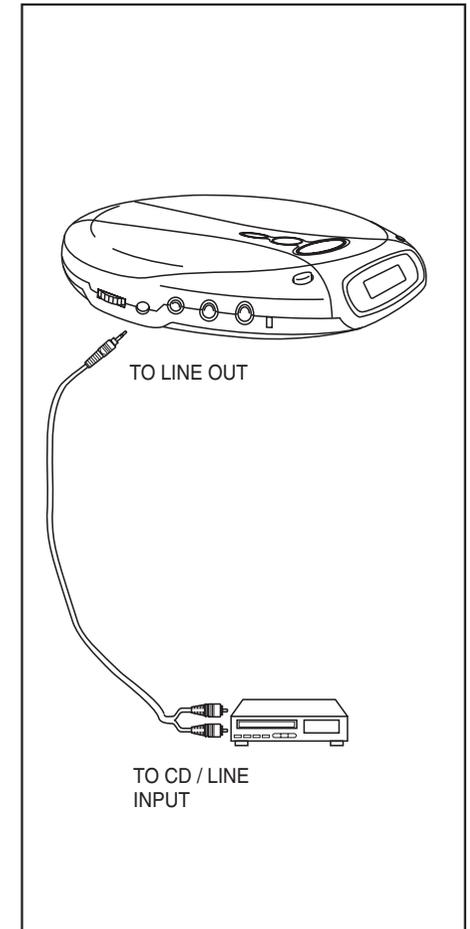


Adjust Volume to the desired level.

Connecting to component audio systems

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

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



4. 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

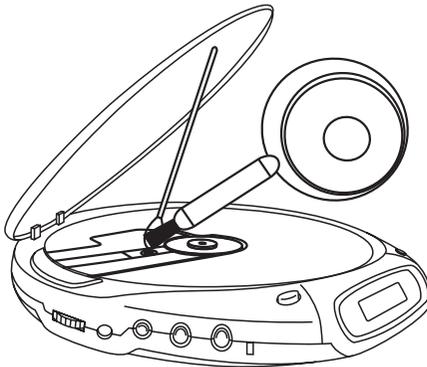
A dirty lens will cause sound skipping and, if the lens is very dirty, the CD may not work. Open the disc cover and clean the lens as follows:

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.

Finger prints

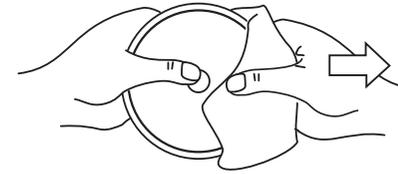
If the lens cannot be cleaned by using a brush/blower, use a dry cotton swab.



5. DISC CLEANING AND TROUBLESHOOTING GUIDE

Cleaning the Disc

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



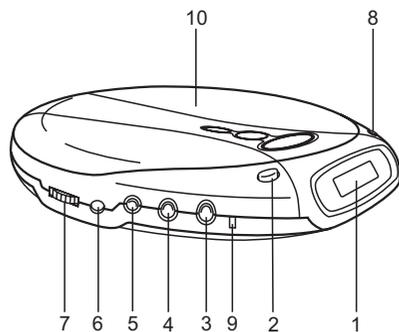
Note

Do not use solvents such as benzine petrol, thinner, commercially available cleaners or anti-static spray intended for analogue discs.

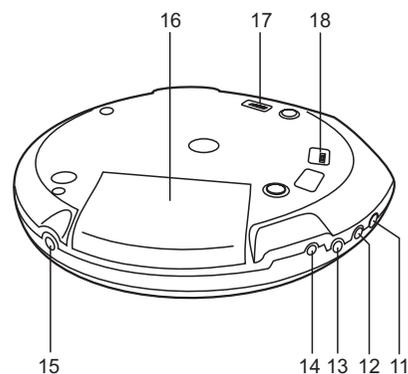
Should you experience difficulties in the use of this player please refer to the following chart before contacting your dealer or the place of purchase.

Troubleshooting Guide	
Problem	Points to Check
Player fails to function	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.
No sound from Earphones	Earphone plug is not firmly inserted into the Green Phones socket Earphones have been inserted into the Black line output socket
No sound when played through an external amplifier	Connection is incorrect Power to external amplifier not switched on
Intermittent Sound	Dirty or defective disc Dirty pick up lens Player is subject to excessive vibration or shock Low battery power Poor Earphone connection ESP not selected

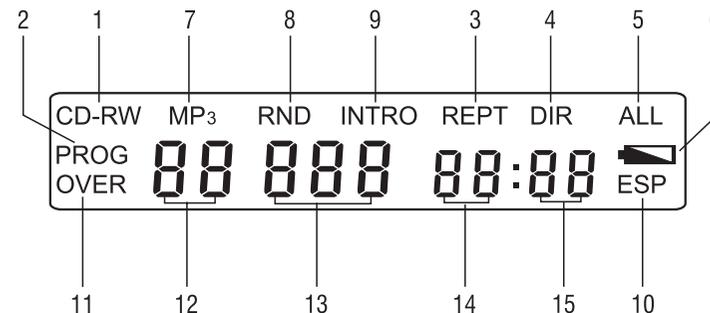
6. LOCATION OF CONTROLS



1. LCD
2. CD DOOR OPEN BUTTON
3. CD MODE BUTTON
4. PROGRAM BUTTON
5. ALBUM/ESP BUTTON
6. LINE OUT SOCKET
7. VOLUME CONTROL
8. CD PLAY/PAUSE BUTTON
9. CHARGE INDICATOR
10. CD DOOR
11. CD STOP BUTTON
12. CD SKIP/SEARCH BACKWARD BUTTON
13. CD SKIP/SEARCH FORWARD BUTTON
14. EARPHONES SOCKET
15. DC INPUT SOCKET
16. BATTERY LID
17. BASS BOOST SWITCH
18. CHARGE SWITCH



7. ICONS & THEIR DESCRIPTION IN THE LCD DISPLAY WINDOW



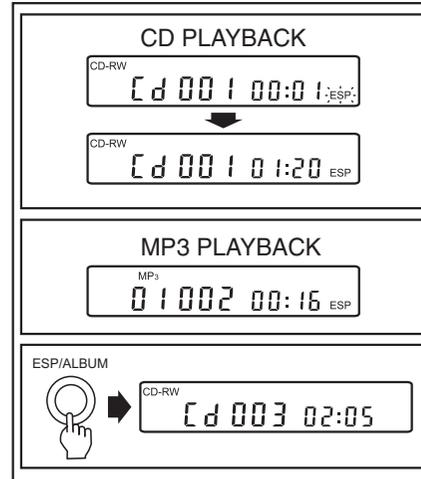
1. "CD-RW" shows when the disc played is a Rewritable disc
2. "PROG" shows during the programming process and programmed playback.
3. "REPT" shows during the various repeat playback modes.
4. "DIR" shows together with "REPT" when the unit is repeating the current album of an Mp3 disc .
5. "ALL" shows together with "REPT" when the unit is repeating all tracks on the disc.
6. The icon "  " shows when the batteries are flat.
7. "MP3" shows when the disc played is an Mp3 disc.
8. "RND" shows when the unit is in Random playback mode.
9. "INTRO" shows when the unit is in Intro-Scan mode.
10. "ESP" is shown when the Electronic Shock Protection is activated.
11. This unit can only read upto 126 Folders (albums). If a disc is inserted with more that 126 folders (albums) only the first 126 folders (albums) will be heard and the remain folders will not be played.
12. The current Album number.
13. Current Track number.
14. Elapsed minutes of the current track.
15. Elapsed seconds of the current track.

8. ANTI-SHOCK FUNCTION

This unit is equipped with an electronic device that prevents sound interruptions when the unit suffers sudden shocks or vibrations during playback. This function is activated automatically when playback begins and the ESP icon will flash in the display during CD play until the buffer is full and is always steady on (not flashing) during MP3 playback.

Note:

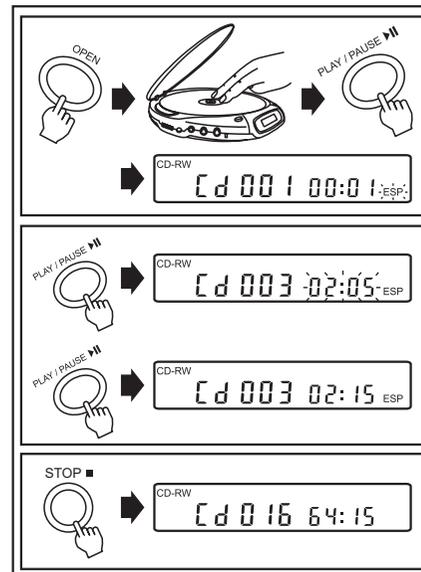
1. When the ESP is used, power consumption doubles.
2. Press ESP button to cancel ESP mode during CD playback or in CD stop mode.
3. ESP function is automatically on in MP3-CD playback and cannot be cancelled.



9. CD/MP3-CD PLAYBACK SECTION

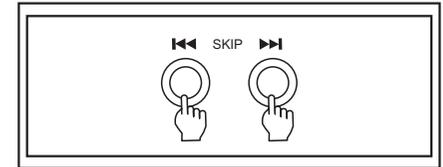
PLAYBACK

1. Open the CD compartment by pressing the CD DOOR OPEN BUTTON, insert the disc with the printed side up and close the door pressing lightly.
2. Press the CD PLAY/PAUSE BUTTON to start play.
3. Playback will begin and the display will show the number of the track playing (for MP3 playback the album number will be shown instead of Cd on the display).
4. Adjust the volume using the VOLUME CONTROL.
5. Press the CD PLAY/PAUSE BUTTON again to pause playback and the part of elapsing time in the display will flash.
6. Press the CD PLAY/PAUSE BUTTON again to resume playback.
7. Press the CD STOP BUTTON to stop the playback.



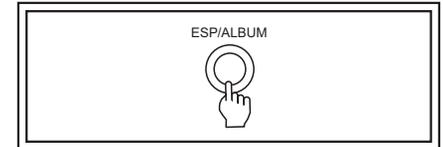
TRACK SKIP

Press the CD SKIP/ SEARCH FORWARD BUTTON while listening to skip to the next track. Press the CD SKIP/ SEARCH BACKWARD BUTTON once to return to the beginning of the current track. To skip to the previous track press the CD SKIP/SEARCH BUTTON again quickly.



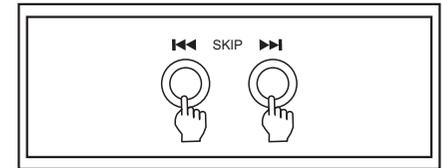
ALBUM SELECT (MP3-CD only)

Press the ALBUM button repeatedly to cycle through the albums (folders) on the MP3-CD.



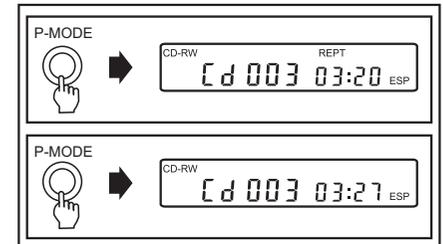
SEARCH

1. Press and hold the CD SKIP/ SEARCH FORWARD BUTTON OR CD SKIP/ SEARCH BACKWARD BUTTON while listening to search quickly for a particular musical passage.
2. Release the button for normal playback.



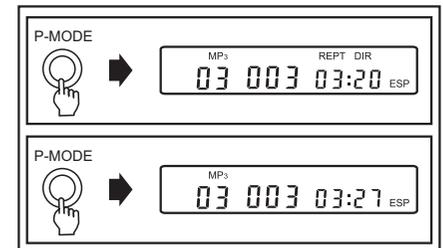
CONTINUOUS PLAY OF A SINGLE TRACK

1. Press the P-MODE BUTTON during playback of a track until the "REPT" icon is shown above the current track number.
2. The CD player will play the track displayed repeatedly.
3. To cancel repeat play of the single track, press the P-MODE BUTTON repeatedly until the "REPT" indicator is no longer shown in the display.



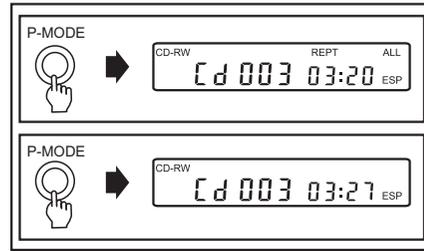
CONTINUOUS PLAYBACK OF A DIRECTORY (MP3-CD ONLY).

1. During playback in the desired directory, press the P-MODE BUTTON until the "REPT DIR" indicator is shown in the display.
2. The CD player will play all of the tracks in the current directory repeatedly.
3. To cancel continuous playback of a directory press the P-MODE BUTTON repeatedly until the "REPT DIR" is no longer shown in the display.



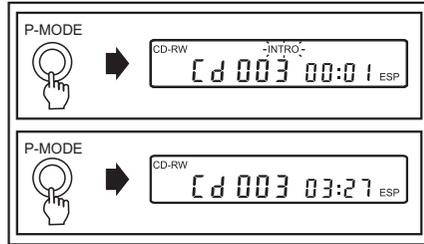
CONTINUOUS PLAY OF THE WHOLE DISK

1. Press the P-MODE BUTTON until the "REPT ALL" indicator is shown in the display.
2. The CD player will play the whole disk repeatedly.
3. To cancel press the P-MODE BUTTON repeatedly until the "REPT ALL" indicator is no longer shown in the display.



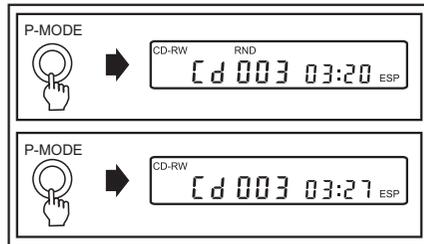
INTRO SCAN

1. To listen to the first 10 seconds of each track of the disk, press the P-MODE BUTTON until the "INTRO" indicator is shown flashing in the display.
2. The CD player will play the first 10 seconds of each track.
3. To cancel the intro scan mode, press the P-MODE BUTTON repeatedly until the "INTRO" indicator no longer shows in the display.



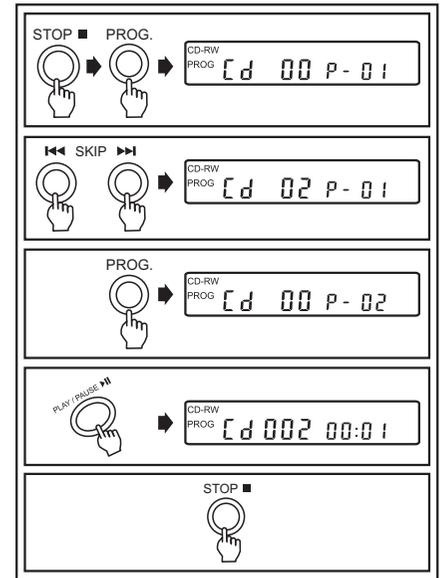
PLAYING IN RANDOM ORDER

1. To listen to all tracks on the CD in a random order press the P-MODE BUTTON until the "RND" indicator is shown flashing in the display.
2. To cancel random play, press the P-MODE BUTTON repeatedly until the "RND" indicator no longer is shown in the display



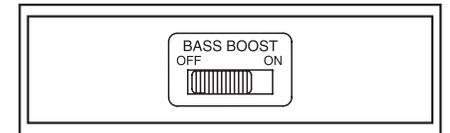
PROGRAMME PLAYBACK

1. Press CD STOP BUTTON to stop playback.
2. Press the PROGRAM BUTTON; the indicator PROG will appear on the display with "00 P- 01".
3. Select the first track to be programmed using the CD SKIP/SEARCH BACKWARD or FORWARD BUTTONS .
4. Press the PROGRAM BUTTON to confirm the selected track; "00 P- 02" will appear on the display.
5. Repeat steps 3 and 4 above to program further tracks, up to a maximum of 20 tracks.
6. Press the CD PLAY/PAUSE BUTTON to start playback of the programmed tracks.
7. Press CD STOP BUTTON twice during Programmed play to exit programmed playback.



10. BASS BOOST

To increase the bass level, switch the BASS BOOST SWITCH ON.



11. PRODUCT SPECIFICATIONS

PICK-UP

System	Compact disc digital audio system
Laser diode	material: GaAlAs
Properties	Wavelength: $\lambda = 780\text{nm}$ Emission Duration: continuous Laser output: $<44.6\mu\text{W}$
Error correction	Cross-interleave Reed-solomon code

AUDIO

D/A conversion	1-bit DAC 8 times oversampling
Frequency response	20-20,000Hz (+1/-3 dB)
No. of channels	2 channels (stereo)
Output level	Line output: 0.6 V rms (47K Ω) Earphone: 20mW (32 Ω)
Bass boost effect (100HZ)	+7dB.
Wow and flutter	Below measurable limits

GENERAL

Power requirements	- 2 x "AA" alkaline battery - DC in socket accepts various AC power adaptors (not supplied).
Power consumption	0.8W (DC 4.5V) UNDER NORMAL CONDITION
Dimension	Approx. 154.5(W) x 25(H) x 141(D)mm
Weight	Approx. 228g (Main Unit, batteries excluded)

12. 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 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 whisper
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 NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

80dB	Average city traffic, alarm clock buzzer at 2 feet, food mixer.
90dB	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.