



**CD50 mk2  
CD Player  
INSTRUCTION MANUAL**



Congratulations on your purchase of the Creek CD50 mk2 CD player.

Please read this manual thoroughly. It will explain the features and operation of your CD50 MK2 and help to ensure a trouble free installation. Unpack the player carefully. It is recommended that you save the carton and packing material for future use, should you need to move your unit or return it for service.

Your CD Player is designed to work in a horizontal position. It is important to allow at least 5 cm of space behind the unit for adequate ventilation. To avoid damage, never place the unit near radiators, in front of heating vents, in direct sunlight or in an excessively humid or dusty location.

**TO ACHIEVE MAXIMUM PERFORMANCE FROM YOUR CD PLAYER**

- ◆ Install the equipment in a location which is relatively free of moisture and dust, and which is well ventilated.
- ◆ The equipment may not be able to perform at its best in an extremely cold or hot environment. Do not attempt to use below 41°F/5°C or above 95°F/35°C.
- ◆ Always handle discs with clean hands.
- ◆ Avoid using scratched discs.
- ◆ Do not attempt to clean the CD player or discs with chemical solvents, as this may cause irreparable damage. Use a clean, dry cloth, or specially designed cleaning materials for discs.
- ◆ If the CD player malfunctions, do not open the unit and attempt to repair it yourself. This is a highly technical product and requires specialist service - return it to your dealer.
- ◆ Use batteries (2 x AAA) of the same type in the remote control handset. The use of odd or different type cells will affect its performance. Batteries are supplied.
- ◆ Keep this manual in a safe place for future reference.

# CD50 mk2 Compact Disc Player

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## SAFETY INFORMATION

Designed to operate on 220-240 Volts 50Hz AC or 110-120 Volts 60 Hz AC, the CD50 mk2 is supplied with a mains lead with a fitted 3 pin plug suitable for the country of use. Should this plug need to be changed please note that the wires in the mains lead are coloured in accordance with the following code:

Blue—Neutral                      Brown—Live                      Green/Yellow—Earth

## CONNECTING THE COMPACT DISC PLAYER

- ◆ Before connecting or disconnecting a unit from your audio system, make sure that you switch off the power to each component.
- ◆ Ensure that you make the correct connections, paying attention to the L (left channel) and R (right channel) marks. Plug in the cable securely. Loose connections will result in unsatisfactory sound reproduction or noise problems.
- ◆ If this unit interferes with the tuner, switch it off during tuner operation.

## REAR PANEL

### Line Out sockets

Connect one end of the interconnect cable to the unit's AUDIO OUTPUT sockets and the other end to the sockets labelled CD or AUX, or to other line inputs on the amplifier. Do not connect it to the amplifier's PHONO input if a phono circuit is installed, as it is meant for vinyl disc, not compact disc.

### Digital output

This output enables you to connect the CD player to a stand-alone D to A converter in order to convert the digital signal to analogue. The digital output can be accessed via the co-axial or optical TOSLINK S/PDIF socket on the rear panel. Ask your dealer for details of interconnects if required.

### Controls 1 & 2

Control port 1 & 2 are expansion sockets for an optional isolated serial control interface. To use this requires a dealer upgrade.

### AC Power socket

IEC type    220V-240 V AC   or   110V-120 V AC

### AC Power Cord

After completing the installation and all connections, make sure that the POWER switch on the back panel of the unit is set to off (O). Then plug the power cord into a live AC outlet.

## NOTE

The 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 residential installations.

This equipment generates and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause interference to radio communications. However, there is no guarantee that interference will not occur in some instances. If this product causes interference to radio or television reception, which can be determined by turning the equipment off and on, try to correct this by one or more of the following measures:

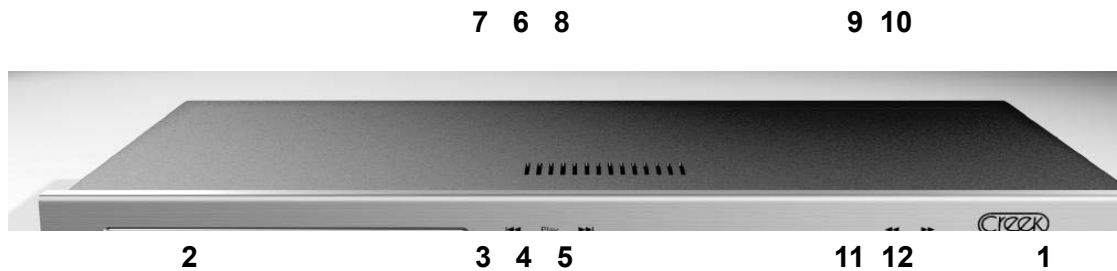
Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the radio or TV receiver.

Connect the equipment into a mains outlet on a circuit different from that to which the receiver is connected.

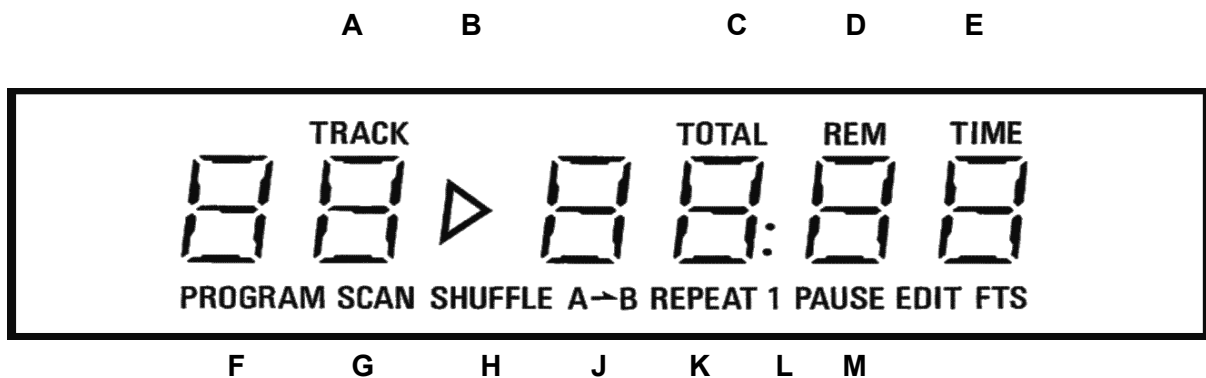
Consult the dealer or an experienced radio/TV technician.

## EXPLANATION OF CONTROLS



- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1. <b>STANDBY</b> button    | 7. <b>SKIP BACK</b> button ◀◀     |
| 2. <b>Disc Tray</b>         | 8. <b>SKIP FORWARD</b> button ▶▶  |
| 3. <b>OPEN/CLOSE</b> button | 9. <b>SCAN BACK</b> button ◀◀     |
| 4. <b>STOP</b> button       | 10. <b>SCAN FORWARD</b> button ▶▶ |
| 5. <b>PAUSE</b> button      | 11. <b>REPEAT</b> button          |
| 6. <b>PLAY</b> button       | 12. <b>SHUFFLE</b> button         |

## DISPLAY



- |                                    |                                  |
|------------------------------------|----------------------------------|
| A. <b>TRACK NUMBER</b> display     | G. <b>SCAN</b> indicator         |
| B. <b>PLAY</b> indicator           | H. <b>SHUFFLE PLAY</b> indicator |
| C. <b>TOTAL TIME</b> indicator     | J. <b>A « B PLAY</b> indicator   |
| D. <b>REMAIning time</b> indicator | K. <b>REPEAT</b> indicator       |
| E. <b>PLAYING TIME</b> display     | L. <b>REPEAT 1</b> indicator     |
| F. <b>PROGRAM</b> indicator        | M. <b>PAUSE</b> indicator        |

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## REMOTE CONTROL HANDSET



STANDBY	<b>STANDBY</b>
NUMERICAL	track selection <b>0 - 9</b>
PROGRAM	<b>PROG</b>
REPEAT	A ↔ B <b>A - B</b>
REMAINING TIME	<b>TIME</b>
REPEAT	<b>REPEAT</b>
SKIP TRACK	<b>⏮</b> back & <b>⏭</b> forward
SEARCH	<b>⏪</b> back & <b>⏩</b> forward
PLAY	<b>PLAY</b> <b>▶</b>
OPEN/CLOSE	<b>⏶</b>
STOP	<b>STOP</b> <b>□</b>
PAUSE	<b>⏸</b>

## HANDLING DISCS



This unit has been designed to play Compact Discs bearing this identification logo shown below. DVD discs cannot be played. Always place the CD in the disc tray with the label facing up. CD's can only be played on one side. Some copy protected discs may not play - if you experience a problem, please return the disc to your retailer. Copy protected discs are not 'Red Book' standard discs.

To remove a CD from its storage case, press down on the centre of the case and lift the disc out, holding it carefully by the edges. Fingerprints and dust should be carefully wiped off the CD's signal surface (glossy side) with a soft dry cloth. Unlike a conventional record, the CD has no grooves to collect dust and microscopic debris, so gently wiping it with a soft dry cloth should remove most particles. Wipe the disc in a straight motion from the inside out. Small dust particles and stains will have absolutely no effect on reproduction quality. Never use chemicals such as record sprays, antistatic sprays or fluids, benzene or thinners to clean a compact disc. Such chemicals would irreparably damage the surface.

Creek Audio Ltd has taken every care to ensure all types of compact discs play in the CD50 mk2. However, copy protected discs continue to be marketed without being compliant with all CD players. If this becomes a problem in the future, firmware upgrades to the ROM drive may become necessary. Check the Creek website for information - <http://www.creekaudio.com>

## LOADING DISCS

1. Press the **OPEN/CLOSE** button on the front or **CD** on the handset. The disc tray will open. If the disc tray gets jammed while opening, it will stop and close automatically.
2. When the disc tray has opened fully, take a normal size (12 cm) disc from its case and place it carefully in the tray with the label facing up. To play an 8 cm single place it in the inner groove of the tray with the label facing up.
3. To close the disc tray, press the **OPEN/CLOSE** button (**DISC** button on remote) again or gently push the tray in.

When the tray is fully closed, with a correctly loaded disc, the disc will start turning automatically and the TOC (table of contents) will be read. The disc will then stop and the TOC will be displayed, i.e. the total **number of tracks** on the disc and the total **playing time** of the disc. The CD player is now ready to play.

**NOTE:** If after you load the disc you press the **PLAY** button to close the tray, the disc will automatically start playing from the beginning of track one.

### REMOVING THE DISC

The disc tray can be opened at any time by pressing the **OPEN/CLOSE** button. Remove the disc only after the tray has fully opened.

### CAUTION

- ◆ Do not put anything except a Compact Disc into the tray. Foreign objects can damage the mechanism. DVD's will not play.
- ◆ Do not force the tray by hand during the opening and closing operations.
- ◆ To avoid dirt and dust entering the mechanism, keep the disc tray closed when the CD player is not in use.
- ◆ Never load two discs into the disc tray.

### CONTROL AND OPERATION

#### POWER

The mains On/Off switch is located on the rear panel next to the power cord. **1** is on and **0** is off. Switching on the power from the rear panel automatically places the unit in Standby mode. To wake it up, press the **ANY BUTTON** button on the front panel or CD command buttons only on the remote handset. The LED indicator will alternate from yellow colour in Standby mode to green when ready to play.

**Note:** Amplifier or Tuner command buttons on the remote handset will not wake up the CD50 mk2. This enables other devices to run independently.

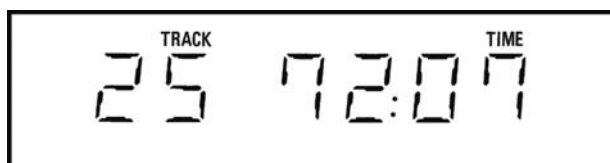
#### NORMAL DISC PLAY

Before playing a disc, check the player's power cable and output cable connections.

1. Switch on the CD50 mk2 at the rear panel, a yellow LED will light above the power button.
2. Press the **STANDBY** switch and the LED will turn green.
3. Press the **OPEN/CLOSE** or **DISC** button to open the disc tray and load the disc.
4. Press the **OPEN/CLOSE** or **DISC** button again to close the disc tray.



**N.B.** If you get a message **dISC** on the display when the disc tray is fully closed, this means that the disc is improperly loaded (most likely upside down). To check, open the disc tray again and reload the disc correctly. If the disc tray gets jammed while closing, the tray will stop and open automatically. If this happens check the disc tray and reload the disc correctly.

5. When the disc is loaded correctly the the player will spin the disc to read the T.O.C. (Table Of Contents). This will tell the player how many tracks are recorded on the disc and how long they are. Depending on the number of tracks and the method of recording the information, the T.O.C. read can vary from 3 - 10 seconds or more. Until this has been achieved, no other function will work. When the T.O.C. is correctly read the player will display the information



There are 25 tracks on the disc. The total playing time is 72 minutes and 07 seconds. The player is set to play when required.

6. Press the **PLAY** button. The **PLAY** symbol will appear on the display. The disc will start playing from the beginning of the first track.

You may also go straight to a specific track by using one of the **SKIP** buttons  or . In this case the disc will start playing the selected track when the **PLAY** button is pressed. The numeric keys on the remote handset allow direct access to the desired track.

7. At the end of the last track the CD will return to a waiting mode.

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- ◆ If the CD is deeply scratched, too dirty, or not recorded to Sony/Philips 'Red Book' standards, the disc may not play. If an improperly centered disc is played, noise will be heard in the mechanism. Avoid using such discs.
- ◆ Some discs of poor manufacture may not be readable or may skip. Check another disc should this occur.
- ◆ Some discs will take longer to read the T.O.C. if they have a lot of tracks, i.e. more than 25.

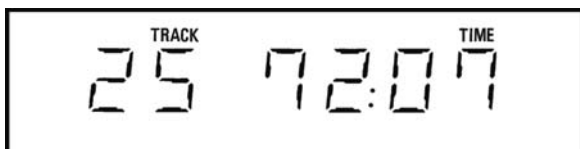
### STANDBY



When switching-on from Standby, with no disc in the tray, the display will show **no disc**.



If there is a disc in the tray the **track** display will show **disc** until the T.O.C. (table of contents) has been read.

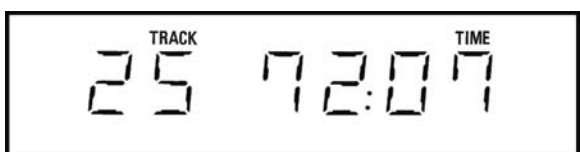


When the T.O.C. has been read, the information will be displayed, i.e. the total **number of tracks** and total **playing time**.

### INSERTING A DISC



Press the **OPEN/CLOSE** button on the front panel or **DISC** on the handset, the disc tray will open and the **OPEN** sign will be displayed.



Insert the disc and press the **OPEN/CLOSE** or **DISC** button again to close the tray.

The disc will start spinning and the total number of tracks will be read. The disc will then stop and the display will show the **T.O.C.** (table of contents), being the total **number of tracks** and the total **playing time**.

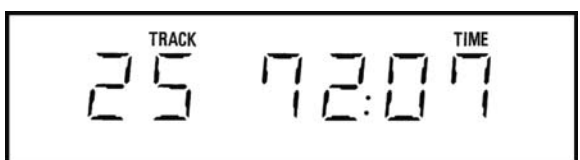
### TO PLAY A DISC



Press the **PLAY** button. The disc will start playing.

The **track** number **1** will be displayed, together with the **PLAY** ► symbol and the elapsed **time** of the track being played.

### TO STOP DISC PLAY



Press the **STOP** button. The disc will stop playing, the **PLAY** ► symbol will disappear and the **track** indicator will show the total number of tracks. The **time** indicator will display the total playing time.

### TO PAUSE THE DISC PLAY



Press the **PAUSE** button. The disc will stop playing at the current play position and **PAUSE** will be displayed. Press the **PAUSE** button again or press **PLAY** to resume disc play. **PAUSE** will disappear.

### CHECK THE DISK AND TRACK REMAINING TIME

(Remote control only)



During normal disc play, when the **TIME** button on the Remote control is pressed, the **REM** symbol will light up and the remaining playing time of the track will be displayed.









Pressing the **TIME** button twice will show the remaining playing time of the disc. The **REM** and **TOTAL** symbols will be displayed. When the **TIME** button is pressed for the third time, the time indicator will return to the elapsed time of the track being played.





### TO LISTEN TO A DESIRED TRACK

Press the **SKIP FORWARD** or **SKIP BACK** button to select a desired track. The track number of the selected track will be shown on the **track** display.





### SKIP FORWARD TO THE NEXT TRACK





To skip ahead to the beginning of track 5, for example, while track 4 is playing, press the  button on the front panel, or the  button on the remote handset once. The CD player will skip ahead to the next track each time the  or  button is pressed. Continuously pressing the  or  button makes the CD player skip ahead through the disc, track by track, until you reach the desired place. The CD player can be advanced to the last track in this way. When the last track is reached, the CD player will return back to track 1.

### SKIP BACK' TO THE PREVIOUS TRACK

To skip to the beginning of track 3, for example, while track 4 is playing, press the  button on the front panel, or the  button on the remote handset twice. The player will skip to the beginning of the current track. Press the  or  button again. The player will skip to the beginning of the previous track. Disc play will start from track 3.

### TO SEARCH QUICKLY FOR A PARTICULAR POINT OF A TRACK

During **PLAY** mode press and hold the  or  buttons for fast-forward and fast-back operation. When  or  button is pressed, the sound will be muted to about 1/4 of the normal volume level for the duration of the fast-forward or fast-back operation.

During **PAUSE** mode pressing  or  buttons will release the pause mode and the search will continue normally with a muted sound. During the  or  operation, for the first few seconds the player will search slowly through the disc and then switch to searching fast.

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### SHUFFLE PLAY

Use this feature to play tracks on a disc in a random order.

1. Press the **Shuffle** button on the front panel. This function is not available from the remote.
2. Press the **PLAY** button. A track will be randomly selected and the disc will start playing.
3. Press **Shuffle** during **Play** and the remaining tracks will be shuffled.

### PROGRAMMED DISC PLAY





#### (Remote control only)

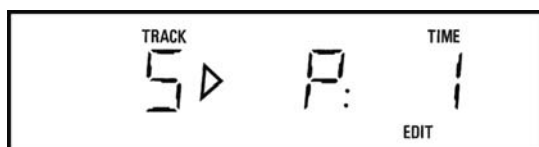
This feature allows you to play tracks in your preferred sequence.

It is not possible to program the CD player while the disc is playing. So, press the **STOP** button first, then enter a program.


### ENTERING A PROGRAM

To program a desired sequence of tracks:

1. Select the first track using the   or numeric 0-9 buttons. Press the **PROG** button on the remote handset. The **EDIT** symbol will illuminate and the track number will be displayed. The first selected track is now stored in the memory.
2. Select the next track number using the   or numeric buttons. Press the **PROG** button again - the second choice is now stored in the memory.
3. Repeat the steps above until all the desired tracks are stored in the memory.




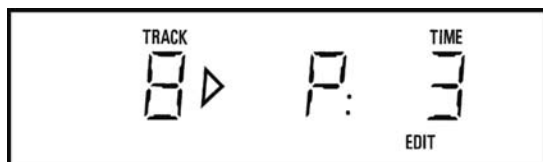
To play track 5, track 2 and track 8 in sequence:

Enter the first choice by selecting track 5 using the  or numeric button. Press the **PROG** button to store the first choice. Track **5** is now stored and the **EDIT** symbol will be displayed.

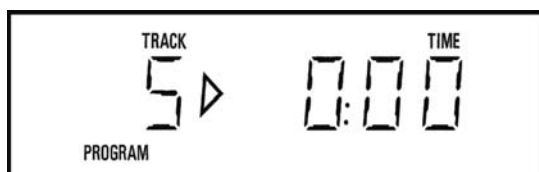
The **time** display will toggle between **P: 1** and the playing time of the selection.



Enter the second choice - track 2 using the  or numeric button. Press the **PROG** button to store the second choice. Track **2** is also stored.



Enter the third choice - track 8 in the same way. Press the **PROG** button to store the third choice.



Press the **PLAY** button. The first programmed track will start playing and the **PROGRAM** symbol is displayed.



### LISTENING TO A PROGRAMMED SEQUENCE

1. Press the **PLAY** button. The **PLAY** ► symbol will be displayed.
2. The disc will start playing the first programmed track.
3. After the programmed sequence has finished playing, the **track** display and the **time** display will show the number of tracks played and the total playing time

### CHANGING THE PROGRAM

1. Press the **STOP** button if the disc is playing.
2. You can modify the program by entering new track numbers.

### CLEARING THE MEMORY





1. Press the **STOP** button twice if the disc is playing.
2. Press **OPEN/CLOSE** button twice on the front or **DISC** button on the handset.  
**NOTE:** The memory will also be cleared if the power is switched off on the rear panel.

### REPEAT DISC PLAY

Use the **REPEAT** button to repeat a track, all tracks on the disc, or a programmed sequence of tracks.

### REPEAT ONE TRACK

Make sure that the **PROGRAM** function has not been selected.

1. Press the **REPEAT** button once and the **REPEAT 1** message will appear.
2. Select the desired track using the   or   or numeric buttons. The track number will appear on the **track** display.
3. Press the **PLAY** button. The **PLAY** ► symbol will be displayed and the selected track will start playing.  
**NOTE:** You can also select **REPEAT** mode while the desired track is playing.
4. At the end of the track the CD player will automatically return back to the beginning. The track will continue to repeat until the **STOP** button is pressed.
5. Alternatively, to cancel **REPEAT 1** press the **REPEAT** button twice, to toggle pass **REPEAT ALL** and back to normal **PLAY** ► mode.

### REPEAT ALL TRACKS ON THE DISC

1. Press the **REPEAT** button twice and the **REPEAT ALL** message will appear.
2. Press the **PLAY** button and the disc will start playing.
3. At the end the last track the CD player will automatically return to the beginning of the first track. The repeat play will continue until the **STOP** button is pressed.  
**NOTE:** You can also select **REPEAT ALL** mode while the disc is playing. At the end of the last track the disc will automatically return to the beginning of the first track and will continue playing until **REPEAT ALL** is cancelled.
5. If the **REPEAT** button is pressed again, the **REPEAT ALL** message will disappear and normal play will resume

### REPEAT A PROGRAMMED SEQUENCE OF TRACKS

1. Enter a program.
2. Press the **REPEAT** button twice and the **REPEAT ALL** message will appear.
3. Press the **PLAY** button, the **PLAY** ► symbol will be displayed and the programmed sequence will start playing.
4. All programmed tracks will continue playing in order until the **STOP** button is pressed.
5. If the **REPEAT** button is pressed once more, the **REPEAT ALL** message will disappear and Program mode will resume.

### 'A « B' DISC PLAY

(Remote control only)

Use to repeatedly play a portion of the disc, from point **A** to point **B**.

1. Press the **PLAY** button.  
Go to the starting point of your selection using **►|** **|◀** and **◀◀** **▶▶** keys and press the **A/B** button.  
The **REPEAT A ↔ B** message will appear, with the letter **B** flashing, and point **A** will be stored in the memory.
2. Press the **A/B** button again at the end point of your choice.  
The letter **B** will stop flashing and point **B** will be stored in the memory. The segment between **A ↔ B** will be repeatedly played.
3. To clear **REPEAT A ↔ B**, press the **A/B** button or the **REPEAT** button once

### NUMERICAL KEYS ON THE REMOTE CONTROL

To save time tracks can be chosen by pressing any numerical keys.

#### 1. For tracks 1 to 10:

If you want to listen to track 4 for example, press the No 4 button. The **track** indicator will show 4.

Press **PLAY**, the **PLAY** ► symbol will appear and track 4 will start playing.

**NOTE:** You can select a desired track while the disc is playing, i.e. if you want to listen to track 4, just press No 4 button and track 4 will start playing.

#### 2. For more than 10 tracks:

If you want to listen to track 14, press button 1 + button 4 within 2 seconds. The **track** indicator will show track 14.

If the player is already running track 14 will start playing automatically. If not, press **PLAY** and track 14 will start playing.

## **TROUBLESHOOTING GUIDE**

If you have followed the instructions, and are having difficulty operating your compact disc player, please use the simple guide below to help you solve the problem. Here we have listed the most common hiccups experienced by the users, which we hope will be of some help.

Locate the SYMPTOM in table below and then check the corresponding POSSIBLE CAUSE and CORRECTIVE ACTION to remedy the problem.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
No power when the power switch is ON.	Poor power plug connection at the AC outlet Fuse in the mains plug has blown CD Player is in Standby mode	Insert the power plug firmly into the AC outlet Replace the fuse in the mains plug Press Standby button
Display does not read T.O.C.	The disc is loaded upside down The disc is too dirty or scratched A DVD or SACD is being used	Reload the disc with the label side up Clean the disc Replace the DVD with a CD disc
No sound	Improper output cable connections Improper amplifier operation	Connect the output cable properly Make sure that the amplifier controls are set properly
Sound skips	Damaged, faulty or dirty disc The CD player is subject to vibrations or physical shock	Clean or replace with a new disc Change the location of the player
Programmed sequence will not play	The CD player is in the normal disc play mode	Press the STOP button and then program the tracks
Humming noise	Loose cable connections Local interference	Press plugs in firmly Move player to new location
Remote handset will not function.	Batteries low	Replace the batteries

## **SPECIFICATION**

Power requirements	Supplied 220/240—50 Hz or 100/120—60Hz
Power consumption	20 W max 6 W standby
Frequency response	1 Hz - 20 kHz $\pm$ 0.25 dB
Output level	2.0 V RMS at 1kHz, 0 dB
Output impedance	50 $\Omega$ , min load 1 K $\Omega$
Laser type	Semiconductor ALGaAs
Wavelength	790 nm $\pm$ 25 nm
Light output (cw)	0.18 mW typical
THD + Noise	> -97dB
Dynamic range	> 117dB
Number of channels	2
Total harmonic distortion	< 0.0008% at 1 kHz, 0 dB
Weight	5 Kg / 11 lbs
Dimensions	430 x 62 x 250 mm

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**Designed and Manufactured in the United Kingdom**