

# azur 340C

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Compact Disc player

User's manual



*Cambridge Audio*

## LIMITED WARRANTY

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## INTRODUCTION

Thank you for purchasing this Cambridge Audio azur range CD player. It is the result of our most extensive ever research and development program in over three decades of producing quality audio products. We hope that you will appreciate the results and enjoy many years of listening pleasure.

### *About this unit*

The azur range utilises a highly advanced control system that has been custom designed for Cambridge Audio. At the heart of this system is a VLSI (very large scale integration) circuit which dynamically adjusts the focusing, tracking and output level of the laser for the maximum retrieval of digital information. This model also features separate digital and analogue stabilised power supplies and high quality clock modules, employing jitter regulation, which are coupled to the latest analogue circuitry to give an outstanding level of performance and reliability.

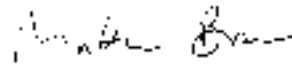
This attention to detail has resulted in CD players that are convincing in the reproduction of both tonal colour and dynamic contrast, deliver a vibrant and fluid performance with music of all types and are therefore musically very involving.

To gain the greatest musical rewards from this equipment we would encourage you to use only high quality amplification and revealing loudspeakers. We particularly recommend amplification from the Cambridge Audio azur range, which has been designed to the same exacting standards as our CD players.

Interconnects and speaker cables are also something that shouldn't be overlooked. Please do not compromise your system's performance by using poor quality cables to connect your azur Compact Disc player to

your amplifier or the amplifiers output to your loudspeakers. A system is only as good as its weakest link. For this reason we do not include cheap "freebie" cables with any of our units. Your dealer can supply quality Cambridge Audio interconnects that will ensure your whole system realises its full potential.

Now we invite you to sit back, relax and enjoy!



Matthew Bramble  
Technical Director

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## SAFETY PRECAUTIONS

For your own safety please read the following instructions carefully before attempting to connect this unit to the mains.

Check that the rear of your unit indicates the correct supply voltage. If your mains supply voltage is different, consult your dealer.

This unit is designed to operate only on the supply voltage and type that is indicated on the rear panel of the unit. Connecting to other power sources may damage the unit.

This equipment must be switched off when not in use and must not be used unless correctly earthed. To reduce the risk of electric shock, do not remove the unit's cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel. If the power cord is fitted with a moulded mains plug the unit must not be used if the plastic fuse carrier is not in place. Should you lose the fuse carrier the correct part must be reordered from your Cambridge Audio dealer.

The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the service literature relevant to this appliance.

This product complies with European Low Voltage (73/23/EEC) and Electromagnetic Compatibility (89/336/EEC) Directives when used and installed according to this instruction manual. For continued compliance only Cambridge Audio accessories should be used with this product and servicing must be referred to qualified service personnel.



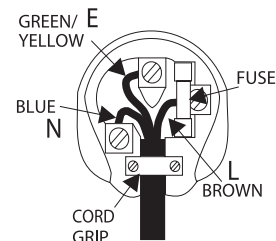
### Plug fitting instructions (UK only)

The cord supplied with this appliance is factory fitted with a 13A mains plug fitted with a 3A fuse inside. If it is necessary to change the fuse, it is important that a 3A one is used. If the plug needs to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug must then be disposed of safely, as insertion into a 13A socket is likely to cause an electrical hazard. Should it be necessary to fit a 3-pin BS mains plug to the power cord the wires should be fitted as shown in this diagram. The colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug. Connect them as follows:-

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter 'N' or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter 'L' or coloured RED.

The wire which is coloured GREEN/YELLOW must be connected to the terminal which is marked with the letter 'E' or coloured GREEN.



If your model does not have an earth wire, then disregard this instruction.

If a 13 Amp (BS 1363) plug is used, a 3 Amp fuse must be fitted, or if any other type of plug is used a 3 Amp or 5 Amp fuse must be fitted, either in the plug or adaptor, or on the distribution board.

## IMPORTANT SAFETY INSTRUCTIONS

Please take a moment to read these notes before installing your Azur CD player, they will enable you to get the best performance and prolong the life of the product. We advise you follow all instructions, heed all warnings and keep the instructions for future reference.

The unit is of Class 1 construction and must be connected to a Mains socket outlet with a protective earthing connection.

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 are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

The unit must be installed in manner that makes disconnection of mains plug from the mains socket outlet (or appliance connector from the rear of the unit) possible.

This unit must be installed on a sturdy, level surface.

The unit requires ventilation. Do not situate it on a rug or other soft surface and do not obstruct any air inlets or outlet grilles.

Do not place in a sealed area such as a bookcase or in a cabinet. Any space open at the back (such as a dedicated equipment rack) is fine however.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

**WARNING** - To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture. This unit must not be exposed to dripping or splashing water or other liquids. No objects filled with liquid, such as vases, shall be placed on the unit. In the event, switch off immediately, disconnect from the mains supply and contact your dealer for advice.

To clean the unit, wipe its case with a moist, lint-free cloth. Do not use any cleaning fluids containing alcohol, ammonia or abrasives. Do not spray an aerosol at or near your CD player.

Ensure that small objects do not fall through any ventilation grille. If this happens, switch off immediately, disconnect from the mains supply and contact your dealer for advice.

Do not route the power cable so that it can be walked upon or damaged by other items near it.

If you do not intend to use this unit for a long period, switch it to Standby and unplug it from the mains socket. Also unplug the unit during lightning storms.

Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as a damaged power-supply cord or plug, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

If you have checked the Troubleshooting guide in the manual with no improvement, do not attempt to repair, disassemble or reconstruct the unit. A serious electric shock could result if this precautionary measure is ignored.

### **Important Note**



This unit has been designed to play Compact Discs, Recordable CDs and Rewritable CDs bearing the identification logo shown here. No other discs can be used.

## REAR PANEL CONNECTIONS

### AC power socket

Once you have completed all connections to the amplifier, plug the AC Power Cable into an appropriate mains socket. Your Compact Disc player is now ready for use.

### Line output

Use good quality interconnect cables from these sockets to any line level input on your amplifier.

### Optical Digital output

Use this socket to connect to the input of a separate DAC or digital recording machine. Use a high quality TOSLINK fibre optic interconnect cable designed specifically for audio use.

### Coaxial Digital output

This coaxial output is for input to a separate DAC or digital recording machine. Use a high quality 75 ohm digital RCA interconnect cable for this connection (not one designed for normal audio use).

## FRONT PANEL CONTROLS

### Standby/On

This control switches the unit from Standby mode to On.

### Open/Close

Allows you to open and close the disc tray thus making it possible to load a disc. Pressing Play will also close the tray and start the CD.

### Play/Pause

Plays the disc and pauses play.

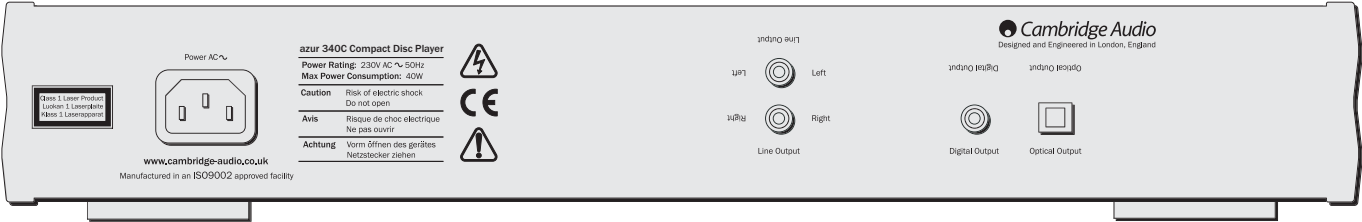
### Stop

Stops the CD playing.

### Skip/Scan

Allows for skipping between tracks and also searching within tracks.

# 340C Compact disc player



## OPERATING INSTRUCTIONS

### Loading and unloading discs

1. Press the Standby/On switch.
2. Press the Open/Close button.
3. When the disc tray has opened fully, place a disc carefully in the tray with the label side facing up.
4. To close the disc tray, press the Open/Close button again. When the tray with a correctly loaded disc is fully closed, the disc will start turning automatically. After the CD player has read the disc it will be ready to play. Pressing Play will also close the tray and start playing the disc
5. The disc tray can be opened at any time by pressing the Open/Close button. Only remove the disc after the tray has fully opened.

#### Note

Do not put anything except a Compact Disc into the tray, foreign objects may damage the mechanism.

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.

If the Compact Disc is seriously scratched or too dirty the player may not be able to read it or play it.

Never load more than one disc into the disc tray at one time.

### Normal disc play

1. Switch on your amplifier and set its input selector to the correct position. Adjust the volume control to a minimum.
2. Press the On/Standby switch.
3. Press the Open/Close button to open the disc tray, and load a disc.
4. Press the Open/Close button again to close the tray. The CD player will read the disc and enter standby mode. Alternatively pressing Play will close the tray and start playing the disc.
5. Press the Play button. The disc will start playing from the beginning of the first track. When the last track has finished playing, the CD player will return to standby mode.
6. To stop the disc at any point press the Stop button. Pressing the Play button while the disc is playing will pause the disc. When the disc is paused the display will flash, play can be resumed by pressing the PLAY button again.

### Locating a specific track

1. Ensure that a disc is loaded and the player is in stopped mode.
2. Pressing the Skip/Scan Right button once will forward the CD by one track. Repeat as necessary.
3. Press Play. The disc will play to the end of the disc and then return to standby mode.
4. Pressing the Skip/Scan Left button will access the previous track. During play, pressing reverse will firstly rewind the track playing. Pressing again will then access the previous track.



## Locating a particular point in a track

1. Ensure that the disc is playing the desired track.
2. Press and hold the Skip/Scan Right button, the CD will then fast forward in the track.
3. Release the button when the desired time has been reached. Play will resume.
4. Press and hold the Skip/Scan Left button, the CD will then rewind in the track.

## Repeating discs and tracks

1. Ensure that the disc is playing.
2. Press the Repeat button on the remote handset. Repeat All will appear on the display. The whole disc will now be repeated until the function is turned off.
3. To repeat a specific track press Repeat twice while the track is playing. Repeat will appear on the display and the selected track will now be repeated until the function is turned off.
4. Press Repeat again to turn off the repeat function.

## Playing tracks in a random order

1. Ensure that a disc is loaded and the player is on.
2. Press the Random button on the remote handset. Random will appear on the display.

3. Press Play. The CD Player will now play the entire disc in a random order.
4. Press Random to exit Random function. The disc will continue playing to the end in the correct order.
5. Press the Stop button at any time to stop the disc.

## Using the intro function

1. Ensure that a disc is loaded. The player can be on or playing.
2. Press Intro on the remote handset. If the player is on it will automatically play the first ten seconds of each track and then return to standby mode. If a disc is being played when Intro is pressed the player will progress to the next track and play the first ten seconds of any remaining tracks.
3. Press Intro again at any time to enter normal play mode.

## Using the A-B function

1. Ensure that the disc is playing. The A-B function will allow you to continuously repeat a specific section of a track.
2. Press the Repeat button on the remote handset at the beginning of the section you want to loop. The A-B icon will be displayed and the player will memorise the time A-B was pressed.
3. Press A-B again at the end of the section that you want to loop. The player will now continuously repeat the selected section.
4. Press A-B again to return to normal play mode.

## Using the Remain function

1. Ensure that the disc is playing.
2. Press the Remain button on the remote handset once to display the time remaining on the track playing.
3. Press Remain a second time to show remaining number of tracks and total disc time remaining.
4. Press Remain again to return to normal play mode.

## Using the Space function

1. Ensure that a disc is loaded. The player can be on or playing.
2. Press Space on the remote handset. Space will appear on the display and a four second gap will be put between each track played.

## Programming disc play

1. Ensure that a disc is loaded and the player is on.
2. Press Program on the remote handset. The Program setup will appear in the display.
3. Using the skip/scan buttons or the remote handset skip to the track number that you want to program as your first track.
4. Press Program. The desired track is now entered and the program number increases by one.
5. Repeat steps three and four until all your desired tracks are entered.

6. Press Play. The programmed tracks will play.
7. You can use the skip and search functions to move through your programmed selection in the same way as normal playback.
8. Pressing Stop once will stop play and pressing Stop twice at any time will wipe the program and return the player to stopped mode.

## Using the remote handset

1. You can use the numerical keys on your supplied remote handset to choose tracks.
2. Ensure that a disc is loaded. The player can be on or playing.
3. Simply press the number of the desired track and the player will play the disc from the start of that track.
4. If the track number required is greater than ten press  $-/-$  followed by the track number.

Note: When pressing the Skip/Scan button on the remote, the skip and search buttons are separate. Pressing the skip buttons on the remote means the CD player will only skip between tracks and will not search within the tracks. Search will only search within the tracks.

## TROUBLESHOOTING

### There is no power

Ensure the AC power cord is connected securely.  
Ensure the plug is fully inserted into the wall socket and is switched on.  
Check fuse in the mains plug or adaptor.

### The player will not read the disc

Check the disc is not loaded upside down.  
Check that the disc is not too scratched or dirty.

### There is no sound

Ensure that the amplifier is set correctly.  
Check that the interconnects are inserted correctly.

### The disc is skipping

Check that the disc is not too scratched or dirty.  
Ensure the player is on a firm surface and not subject to vibrations.

### There is a hum coming from the speaker

Ensure that all cable connections are secure.

### The remote handset will not function

Check that the batteries have not expired.  
Ensure that nothing is blocking the remote sensor.

## SPECIFICATIONS

	<b>340C</b>
<b>D/A Converter</b>	Crystal CS4338 24-Bit/96kHz Capable
<b>Freq response (-0.5dB)</b>	10Hz to 20kHz
<b>THD</b>	0.007%
<b>Dynamic Range</b>	> 89dB
<b>Digital Outputs</b>	Opt and Coax
<b>Dimensions (mm) (H x W x D)</b>	70 x 430 x 310
<b>Weight (kg)</b>	4.6

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