

# **SUGDEN**

CD21SE INSTRUCTION BOOK

PRECISION COMPACT DISC PLAYER

FEB 2007

## BEFORE USE

This section must be read before connecting to the mains supply

### MAINS CONNECTION INFORMATION

Your SUGDEN CD Player has been designed to comply with the domestic power and safety requirements that exist in your area. This amplifier can be powered by **V AC ONLY.**

IF YOU NEED TO ADJUST THE GAIN SETTING OF YOUR AMPLIFIER TO MATCH YOUR CARTRIDGE YOU MUST ALWAYS DISCONNECT THE MAINS LEAD FROM THE MAINS SUPPLY.

### CHOOSE A SAFE AND SUITABLE LOCATION

- DO NOT: Expose to direct Sunlight
- DO NOT: Position next to a heat source such as a radiator
- DO NOT: Use in places with high humidity or poor ventilation
- DO NOT: Subject to mechanical vibration
- DO NOT: Place on an unstable or inclined surface

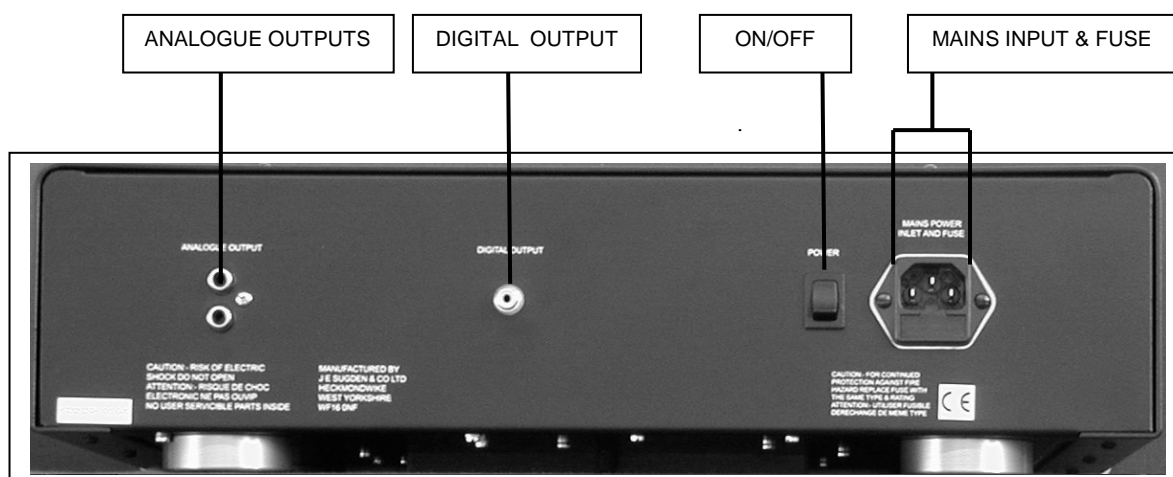
### ACCESSORIES SUPPLIED

- Guarantee Card
- Instruction book
- IEC mains lead
- Remote control



The CD21 is in conformity with the EMC directive and low-voltage directive.

## CONNECTIONS (REAR)



### MAINS INPUT & FUSE

The supplied IEC mains lead should be used to connect your amplifier to the mains supply. This has been tested to EMC directive.

### POWER

This switch is used to turn the power ON and OFF.

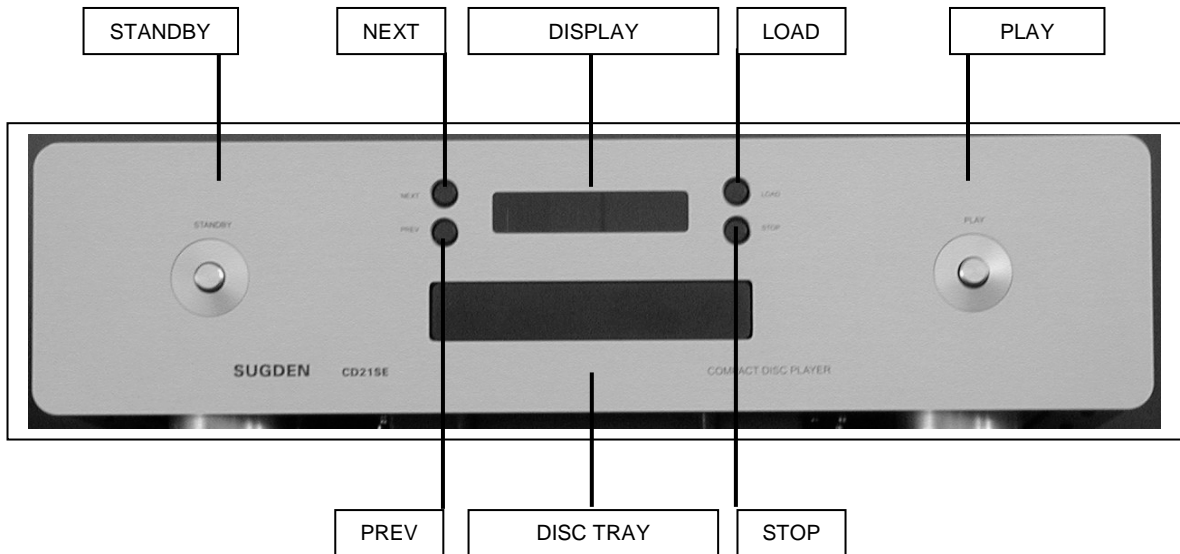
### DIGITAL OUTPUT COAX

Output from the playing CD in digital format. This can be connected to the input of a digital to analogue converter or digital recorder.

### ANALOGUE OUTPUT

These are the output jacks of the analogue audio signal for connection to the line level input of your amplifier. They are marked left and right for identical connection to the input.

## FRONT PANEL CONTROLS



### DISC TRAY

Accepts both 12cm and 8cm 'red' book audio compact discs.

### LOAD

Opens the DISC TRAY so a CD can be loaded or removed. CD's should be inserted label side up.

### DISPLAY

This screen provides details of the operating status

### PLAY

Press to start play back.

### NEXT & PREVIOUS

Press to move on to the next or previous track. Each time the button is pressed it moves one track.

### STOP

Stops the disc from playing and the display returns to show full track and time information

### STANDBY

With the rear panel power switch on, the standby switch will turn the display on and activate the digital and analogue output. When the CD player is not being used we recommend that the unit should be put into standby or switched off from the rear.

## BASIC OPERATION

Switch power on and then depress standby, the display will read NO DISC. Press the LOAD button and the disc tray will automatically come out. LOAD a compact disc label side up in the centre of the tray. The display will read total playing time and number of tracks. Press LOAD and the tray will close. Press PLAY.

## REMOTE CONTROL FUNCTIONS

### OPEN

Opening and closing the disc tray

### PLAY

Starts the disc playing from the first track

### PAUSE

Pressing this button will stop the CD from playing until it is pressed again to resume

### STOP

Stops the disc from playing

### MUTE

Not in use on CD21 models

### 0-9 NUMERICAL

Use these buttons for direct track access.

Example: To select track fifteen, press 1+ 5

### TIME

This has three functions and moves through the following functions on the display:

Track elapsed time – total elapsed time – total time remaining

### STORE

This facility allows the tracks to be played in a specific order. To store a track use the numerical buttons to select a track. After selecting your first track, press STORE. Repeat this process up to thirty times

### REPEAT

This button is for repeat play. It has three functions:

Repeat ALL – Repeat TRACK – Repeat OFF

### A-B

The A-B repeat button determines the start and stop positions of a single repeat play. The time length is set by pressing the button once to begin and a second time to end.

### RANDOM

When the RANDOM button is pressed in stop mode tracks will start to play automatically in a random order.

### ◀TRACK▶

Pressing ◀TRACK returns to the beginning of the track being played. Pressing again goes to the previous track. Pressing TRACK▶ goes to the next track.

### ◀SEARCH▶

Pressing the backwards and forwards search buttons move through the track at an increasing speed.

### ◀VOLUME▶

Not in use on CD21SE models

## SUGDEN CD21SE Specification @ 230Volts setup.

<b>Max Power Consumption</b>	53 Watts
<b>Cycle</b>	50/60 Hz
<b>AC Fuse Rating</b>	T 1 AMP
<b>Analogue Output</b>	1.55 V r.m.s
<b>Digital Output</b>	800mV Pk to Pk
<b>Frequency Response</b>	20Hz to 20kHz -0.25dB
<b>Signal to Noise Ratio</b>	>80dB
<b>Disc Type</b>	CD and CDR of 12 and 18 Diameter to Philips/Sony RED BOOK Standard

### ADDITIONAL INFORMATION

#### SIGNAL LEADS

Sugden equipment has been designed to reproduce music as accurately as possible and this includes the ability to produce a wide bandwidth. It is important to use cables that do not restrict or change the frequency response. We therefore recommend using high quality cables made from high quality materials. Investing in good cables will get the most from your audio system. Your retailer will be able to advise or contact us directly at [sales@sugdenaudio.com](mailto:sales@sugdenaudio.com)

#### POSITIONING

As the CD21 uses a precision optical laser the player should be located on a stable platform to reduce unwanted vibration. A dedicated Hi Fi rack or isolation platform is recommended.

#### LENS CLEANERS

We do not recommend using a lens cleaner on the CD21. As the laser is located some distance from the tray opening and is covered, the laser should not need cleaning in normal use.

#### FILTERED MAINS LEADS

The CD21SE has a mains filter built into its IEC mains input socket. We therefore do not recommend using additional mains filtering. There may be additional benefits from using a heavy duty power lead providing it has the relevant test certificates.

#### COMPACT DISCS

Your CD21SE is a precision machine and is designed to give maximum performance from 'Red Book' standard compact discs. The Red Book specifies the physical parameters and properties of the CD, the optical "stylus" parameters, deviations and error rate. CD's that do not play may not be to Red book standards and may be of inferior quality. The CD21 works with a high level of accuracy and not approximation.

Designed and manufactured by:

J E Sugden & CO LTD

Valley Works

Station Lane

HECKMONDWIKE

West Yorkshire

WF16 0NF

[www.sugdenaudio.com](http://www.sugdenaudio.com)

#### RECYCLING

This products packaging materials are recyclable and can be reused. The product and the accessories packed together are the applicable product to the WEEE directive except batteries. Please dispose of any material in accordance with your local recycling regulations. When discarding the unit, comply with your local rules and regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulation concerning chemical waste.