

# **SUGDEN**

**Masterclass AA CD PLAYER (January 2006)**

*Instruction Manual*

Designed and manufactured by

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*Masterclass AA Compact Disc Player*

## INSTALLATION

The unit is designed to operate with CD and CDR Discs of 12 and 8cm diameter. It is designed for accurate compliance with the Philips/Sony RED BOOK standard.

## POWER SUPPLY SETTING

- Check that the voltage rating on the rear of the player indicated is the correct supply voltage for your country.

## CONNECTION (rear panel layout)

### *MAINS INPUT AND FUSE*

Connection to the mains is via the supplied AC cable and connects to the mains input socket at the back of the c.d. player.

Most countries are supplied with a pre-moulded AC mains cable. If not supplied with a pre-moulded cable the three-core cable is colour coded as follows: -

**BROWN ~ LIVE    BLUE ~ NEUTRAL            GREEN/YELLOW ~ EARTH**

**Some countries are supplied with two core mains cables, the two core cable is colour coded as follows: -**

**BROWN OR BLACK ~ LIVE**

**BLUE ~ NEUTRAL**

### *ON/OFF*

Switches mains power on and off

### *ANALOGUE OUTPUT*

For connection to a Sugden amplifier or other suitable unit. The output sockets are standard RCA phono with RIGHT at the top and LEFT at the bottom.

A pair of balanced outputs supply a balanced signal for connection to a suitable balanced input. The configuration of the balanced output is: Pin One Ground, Pin Two Positive and Pin Three Negative

### *DIGITAL OUTPUT*

This output supplies a digital signal and can only be connected to an input that is suitable for this signal i.e. outboard DAC or digital recorder. The output is via a standard RCA phono at 75 Ohms. A digital cable in a coaxial configuration should be used for the best performance. Lead length should be a maximum of 15cm to comply with EMC regulations.

## OPERATION (front panel layout)

### *CD COMPARTMENT*

#### *OPEN*

Press once to open the CD compartment, press again to close.

**Please note that the compartment will only open when the status has been established, either "NO DISC" or the contents of the disc are displayed.**

### *DISPLAY*

Informs you about the functioning of the player.

## *PLAY*

Starting play or returning to the beginning of the track.

## *STOP*

Stopping play.

## *PREVIOUS & NEXT*

Selecting another track during play or selecting a track to start play with.

## *STANDBY*

Turns the power on/off for all digital circuits and display only. Mains power switch at rear of unit (rear panel layout).

**Please note that when first switched on the unit has a 5 second reset mode where there will be no display.**

## DISPLAY

*NO DISC* - Lights up when the CD compartment is empty or Disc cannot be read.

*OPEN* - Lights up when the load button has been pressed and the CD compartment is open

*TRACK* - Indicates:

- What track is being played;
- The total playing time of the CD.

*SHUFFLE* - Lights up when random mode has been selected from the remote control handset.

*REPEAT* - Lights up when the repeat mode has been selected from the remote control handset.

*PAUSE* - Lights up when the pause mode has been selected from the remote control handset.

*PROGRAM* - Lights up when a selection of tracks have been stored in a chosen sequence from the remote control handset.

## *PLAYBACK (PLAY)*

Switch the mains power on at the rear of the unit and depress the standby switch on the front panel.

- Display will flash and light up NO DISC.
- Press OPEN
- OPEN lights up.

Insert a CD, printed side up and close the compartment using the OPEN/CLOSE on the player or remote control (RC).

- the number of tracks and playing time of the disc will then show on the display
- press PLAY

Track number 1 will then light up followed by the play sign >

- you can also press play immediately after inserting the CD. The CD compartment will close automatically and enter into play mode.

- The track being played is always shown under TRACK and its elapsed playing time is shown under TRACK TIME.

### *GOING BACK TO THE BEGINNING OF A TRACK*

Press play during a track and the track starts again from the beginning.

### *SELECTING ANOTHER TRACK DURING PLAY*

Press the next/previous button to move onto the required track. The track numbers appear on the display each time next/previous is pressed.

### *INTERRUPTING PLAY*

Press PAUSE

- PAUSE lights up.
- press PAUSE again to continue play.

### MAINTENANCE

**There are no user serviceable parts inside this unit.** To clean the external case of the CD player use a slightly moistened soft cloth. Do not use any type of cleaning solvent.

### REMOTE CONTROL HANDSET

The remote control handset (RC) supplied with your player has additional facilities to the front panel controls on the player.

To operate the remote control with your player first select CD at the top of the RC. As the Sugden RC is a universal design it has the facility to operate compatible amplifiers and stereo tuner with similar coding.

### *DIRECT TRACK ACCESS*

To access a track directly without using PREVIOUS/NEXT press the corresponding button on the keypad. For example:

- Track 3 press number 3 on the number pad.
- Track 13 press number 1 followed immediately by number 3

### *REPEAT*

If you want to play a CD continuously without interruption the repeat function will restart the CD once the final track has ended. This facility will also operate on a programmed selection of tracks.

### *STORE (TRACK PROGRAMMING)*

The store facility allows the tracks on a CD to be played in any order or combination. To program tracks:

- select the first track by pressing the corresponding number on the RC keypad.
- press the store button marked S.
- the display will then show that the program mode is in operation, that track 1 has been selected followed by the track time. To enter additional tracks follow the same procedure.
- To start the CD press PLAY.
- To cancel the program press STOP twice.

### *SEARCH*

To move through a track at speed press either < search backwards or search forwards >. The speed of the search increases as the search button remains depressed.

## RANDOM (SHUFFLE)

Depressing the RANDOM button allows tracks to be played out of sequence and is automatically programmed by the player.

### Additional information

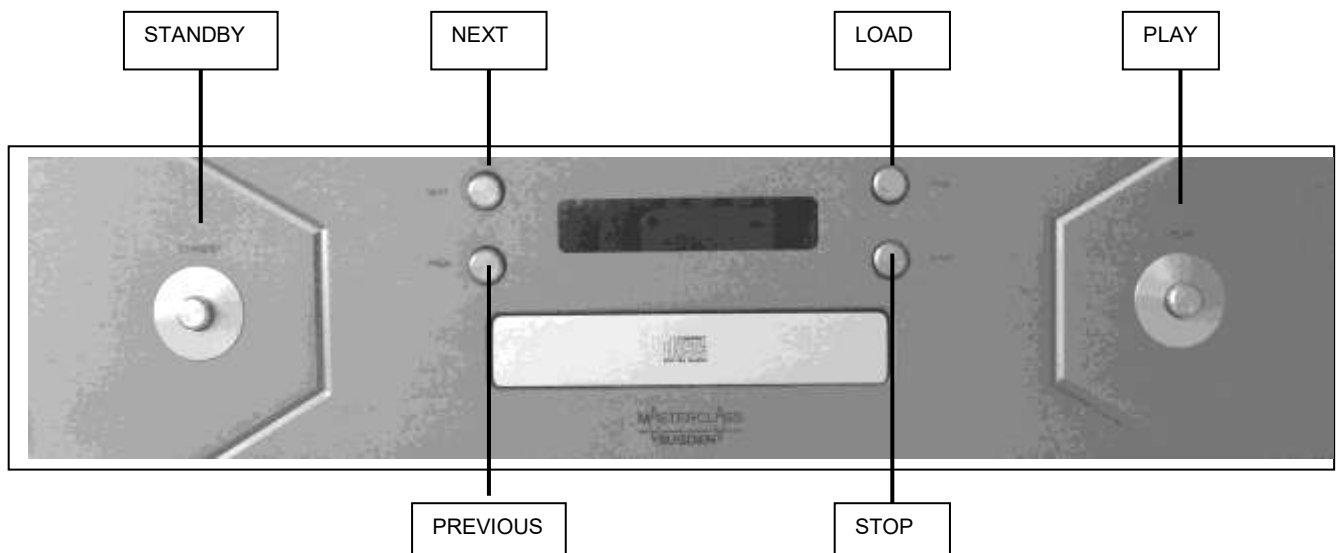
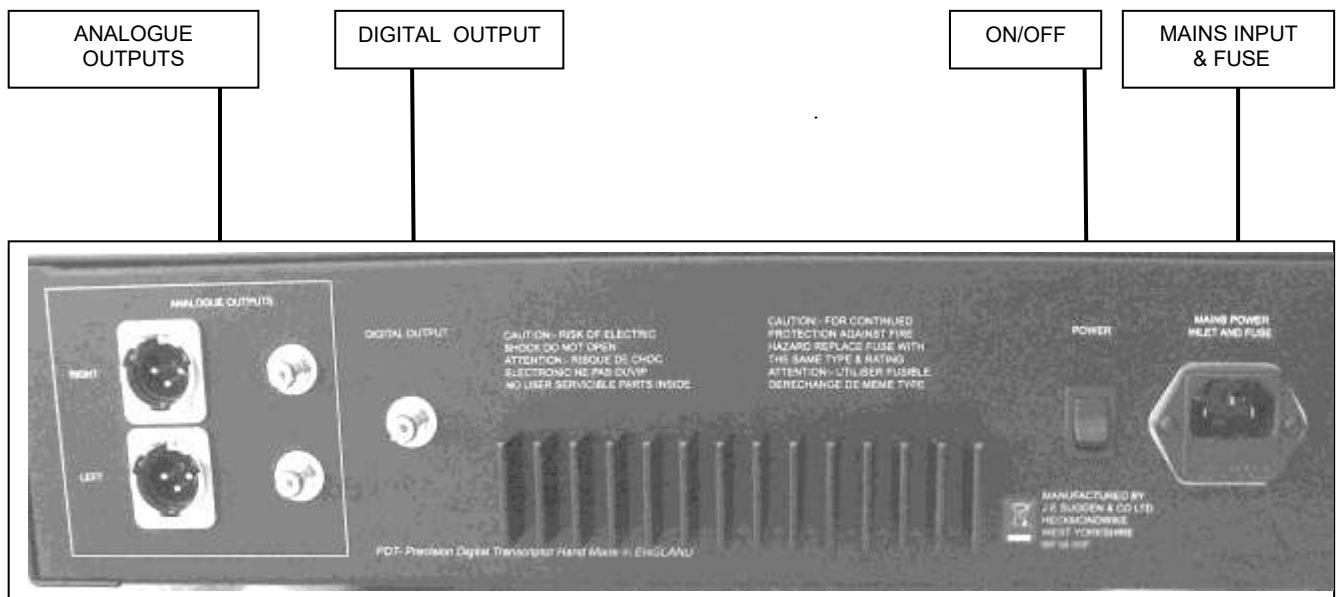
#### FUSES-Replacement should be carried out by a suitable technician

Should a fuse blow this is usually an indication that a fault exists. It is important that the cause of the fault is determined and rectified before replacing a fuse. If in doubt consult your local dealer or our distributor for assistance. All fuses used in Sugden equipment have the specification on them. NEVER bypass any fuse in your amplifier. NEVER replace a fuse with one of a different specification or value.

#### MAINS FUSE

The mains Fuse is located at the rear of the amplifier and is externally accessible. It is combined in the mains input socket together with a spare fuse of the correct value.

#### Masterclass CD Player Back Panel and Controls



**Masterclass AA CD 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>        | 500mV 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 8 Diameter to Philips/Sony RED BOOK Standard |

The manufacturer reserves the right to alter specification without notice

Designed & Manufactured By  
**J. E. Sugden & Company Limited**  
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