

# **SUGDEN**

## **Masterclass PDT- 4F (FUSION)**

### *Instruction Manual*

Designed and manufactured in England by

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*Masterclass Precision Digital Transcripator*

### 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 CD player. All countries are supplied with a pre-moulded AC mains cable. This cable has been CE approved and should be used with your CD player to ensure CE compliance.

### ON/OFF

Switches mains power on and off. The player should be in standby mode before switching the power off.

### ANALOGUE OUTPUT - RCA

For connection to a Sugden amplifier or other suitable unit. The output sockets are standard RCA phono marked RIGHT (red) and LEFT (black)

### ANALOGUE OUTPUT – XLR BALANCED

For connection to a Sugden amplifier or other suitable unit. The output sockets are standard Balanced XLR

### DIGITAL OUTPUT

This output supplies a coaxial S/PDIF digital signal and can only be connected to an input that is suitable for this signal i.e. outboard DAC, digital recorder or soundcard. The output is via a standard 75 Ohm RCA phono socket. A coaxial cable should be used and kept under 50cms in length.

### DIGITAL INPUT\*

Next to the digital output on the rear of the player is a digital input facility. This is suitable for SPDIF signals using a phono connector commonly known as coaxial. If your external digital source uses another type of connector such as Optical or USB, an adaptor can be used to convert the signal to SPDIF.

**\*PLEASE NOTE:** The digital input will only work when the CD player is in STANDBY\* mode.

## **OPERATION (front panel controls and handset functions)**

### **OPEN - CD COMPARTMENT**

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 table of contents (TOC) of the disc are displayed.**

### **DISPLAY**

Informs you about the current functioning of the player, status and programs.

### **PLAY**

In stop mode: press once to start play mode

In play mode: press once to return to the beginning of the track

In pause mode: press once to resume play mode

In program mode: press once to start programmed tracks

### **PAUSE**

Press to pause when in play mode

When in pause mode press again to start playing

## NUMBER KEY PAD

Direct access to tracks when in play or stop mode  
Direct access to track selection in store mode.

## STOP

Stops play returning to the TOC display.

## PREVIOUS & NEXT

Selects previous or next track in play, program or stop mode. In play mode the track will continue playing until a new track has been selected and located

## STANDBY\*

Press once to put the player into standby and reduce energy consumption Press once again to switch on when in standby mode. **When in standby mode the digital input becomes active.**

## DISPLAY

*NO DISC* - CD compartment is empty or disc cannot be read.

*OPEN* - 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* - Random mode has been selected from the remote control handset.

*REPEAT* - Repeat mode has been selected from the remote control handset.

*PAUSE* - Pause mode has been selected from the remote control handset.

*PROGRAM* - Tracks have been stored in a chosen sequence from the remote control handset.

A-B – User programmed AB memory repeat facility.

## HOW TO 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, this is called the table of contents (TOC)

- 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.

#### 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. Press once to repeat full CD, press twice to repeat current track

#### 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 keypad or next previous buttons
- press the store button.
- the display will then display the program mode is in operation, that track 1 has been selected followed by the track number. 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 >. Press the search button once for slow search with attenuated volume. Press again and hold down for fast search and muted sound. Fast search will continue until play is pressed.

#### RANDOM (SHUFFLE)

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

#### **Additional information**

The PDT-4 Series 2 compact Disc Player will play CD and CDR Discs of 12 and 8cm diameter. It is designed for accurate compliance with the Philips/Sony RED BOOK standard. It will also play MP3 files.

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.

Congratulations on your purchase. Your CD player is designed and manufactured in England by a team of skilled and dedicated audio enthusiasts. The PDT-4 Series 2 CD player is a unique design and the result of over twenty years experience in digital technology.

The PDT-4 Series 2 CD player offers a high level of performance and sets a new standard in music reproduction at its price point. Because we have designed the player without a digital filter or any over sampling the sound is more detailed, realistic and open.

We recommend that a high quality well made interconnect cable should be used to ensure the sound quality is transferred from the CD player through your system at its best. Your supplier will be able to advise which cable is suitable.

The standard mains cable supplied is CE certified and well made. We are aware there are alternative high quality mains cables available. We feel there can be an advantage in upgrading the mains cable but only recommend ones that are CE approved from quality manufacturers.

**PDT-4 F (Fusion) CD Player Specification @ 230Volts setup.**

<b>Max Power Consumption</b>	58 Watts
<b>Cycle</b>	50/60 Hz
<b>AC Fuse Rating</b>	T 1 AMP
<b>Analogue Output</b>	2.1Volt r.m.s
<b>Digital Output</b>	1Volt
<b>Frequency Response</b>	20Hz to 20kHz -1.5dB
<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, MP3

The manufacturer reserves the right to alter specification without notice

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