

ALCHEMIST

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**8** P R O D U C T  
E I G H T  
D A C

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INSTRUCTION

M A N U A L

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# POSITIONING

The Product § DAC, for best results, should be mounted on a solid flat surface. At all times this surface should be level. The Product § DAC should also be placed in a position free from direct sunlight, dust, heat and any source of humidity.

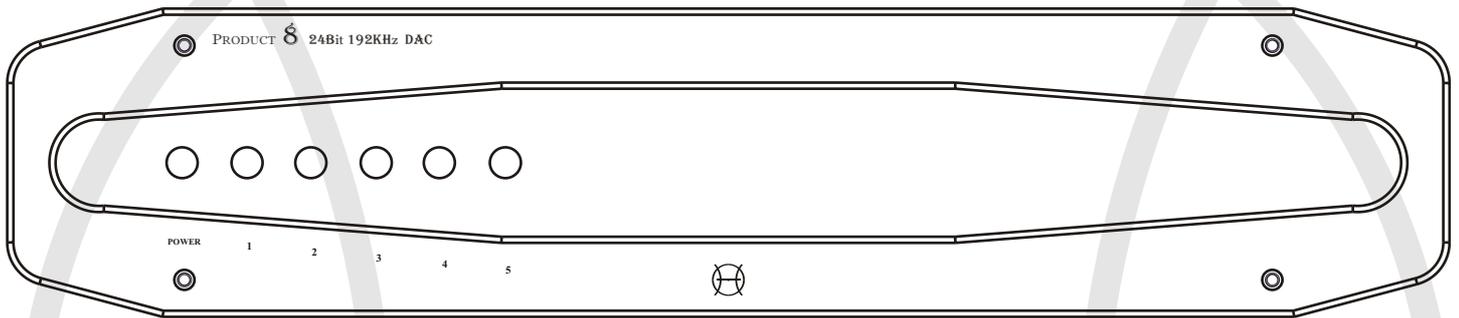
# MAINS POWER CONNECTION

The Product § DAC comes with an IEC mains lead fitted with the relevant plug type for the country of use. If there is any need to change this then follows the relevant instructions for the plug type used.

There is an external replaceable fuse on the rear of the unit: refer to specifications for fuse value.

**Never replace with a different value.**

Be sure that your system is switched off whilst connecting / disconnecting any leads.



# CONTROLS

There are 6 control buttons and one intelligence display on the fascia. The POWER button will either fully power up the Product § DAC or be completely switch off. The buttons indicated 1 to 5 are the input selectors and which will allow you to toggle between the five inputs provided.

The intelligence display on the other side of the fascia will be similar to the one shown on the right. As soon as the Product § DAC is switched on, the unit will self test and initialize. Once this process is completed, 'UPSAMPLING 24BIT/192KHz' will be shown on the first line of the display and input '1-RCA' will be selected automatically. This means the Product § DAC is switched on and having the ability to upsample the signal input.

The input which you have selected will be shown on the left bottom corner of the display (as indicated). And the received signal frequency through this input is shown on the other side. However, 'NO SIG' will display if there is no signal through the input you selected.

INITIALIZING  
PLEASE WAIT

UPSAMPLING 24BIT/192KHz

1 - RCA

96KHz

Input  
selected

Received  
Signal Frequency

UPSAMPLING 24BIT/192KHz

1 - RCA

NO SIG

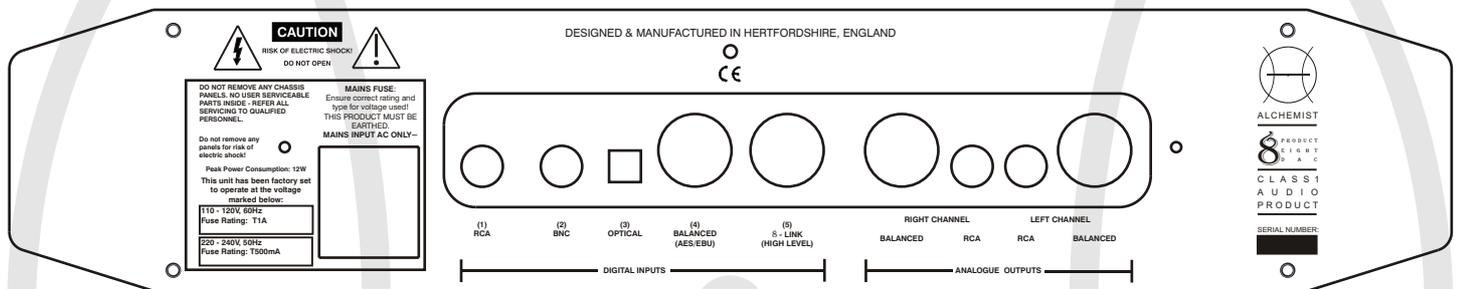
# SOURCE CONNECTIONS

As with all connections ensure that the equipment is switch off before you attempt to connect any cables. Also we recommended that, where possible, you use gold phono plugs on your interconnect leads as the phono sockets on the Product 8 DAC are gold plated. Gold to gold connections will ensure that a good electrical contact is maintained without the need for periodic cleaning.

There are 5 different digital inputs available from the Product 8 DAC. Each of the digital inputs have different type of connections, RCA, BNC, Optical, Balanced and 8-Link. Make sure the correct input socket is used for any external device. The 8-Link is solely to be used with the Product 8 range products, i.e. Product 8 Transport.

The Product 8 DAC provides two different types of analogue outputs, Balanced and RCA. For the connection, ensure the 'Right' output is connected to the 'Right' input, and the 'Left' output is connected to the 'Left' input of your amplifier.

Please note that we do not supply interconnect leads as most people like to choose their own. Unbalance (RCA) leads should not be more than 3 metres long, and balance (XLR) leads can be any length.



# GENERAL CARE

Any cleaning of your PRODUCT 8 DAC should be done with a clean dry cloth or soft bristle brush. There is no need to polish the gold effects, a simple dry wipe is sufficient.

Do not use any solvent or silicone based cleaning solutions as this may result in tarnishing.

Remember to replace all of your packaging in the box and re-seal. Keep the box for any future transportation of your product.

# SPECIFICATIONS

## PRODUCT DAC

**Audio Output (RCA): 2.3V R.M.S. @0dB**

**Audio Output (Balanced): 2.3V R.M.S. @0dB**

**Digital Input (RCA): 500mV 75ohms**

**Digital Input (BNC): 500mV 75ohms**

**Digital Input (Optical): SPDIF**

**Digital Input (Balanced): 500mV 110ohms**

**Digital Input (⌘-Link): 4V(AC) 4V(DC) OFFSET**

**Power Consumption (Peak): 12 Watts**

**External Fuse Rating: T1A@110-120V T500mA@220-240V**

**Dimensions ( W x H x D): 470mm x 360mm x 105mm**

**Weight (Packed): 12Kg**

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In the unlikely event that we should discover something that would improve one of our products, we reserve the right to change specifications without prior notice

All products made by Alchemist Products Ltd. UK.