

ALCHEMIST

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**A C 1**

C o m p a c t

D i s c

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INSTRUCTION

M A N U A L

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## POSITIONING

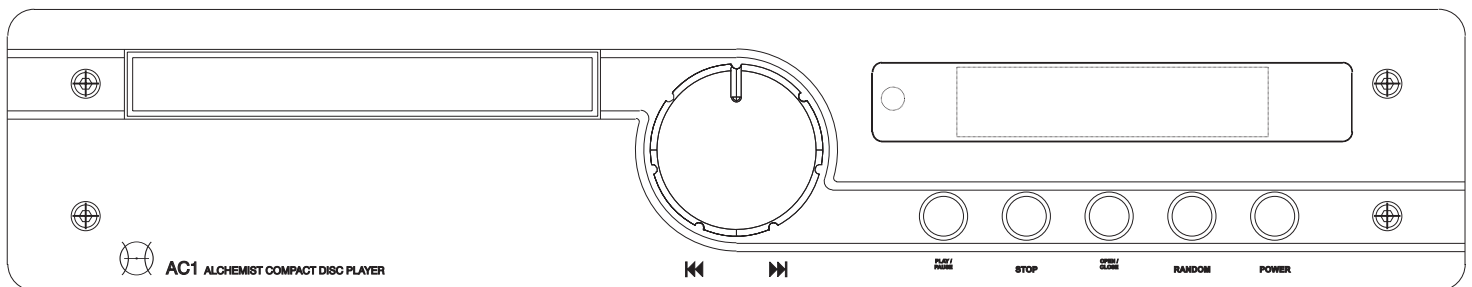
The AC1 Compact Disc, for best results, should be mounted on a solid flat surface. At all times this surface should be level. The AC1 should also be placed in a position free from direct sunlight, dust, heat and any source of humidity.

## MAINS POWER CONNECTION

The AC1 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

The controls on the fascia of the AC1 are: Track Up/Down, Play/Pause, Stop, Open/Close, Random and Power. All functions are duplicated on the AA range system remote handset.

**Track Up/Down:** This function is controlled by the central knob. When rocked to the left once the track number will decrease by one. If it is held over to the left then the track number will decrease rapidly. The opposite is true for rocking the knob to the right.

**Play/Pause:** When this function is depressed for the first time it will set the AC1 in the play mode. If it is done before any track numbers are selected then it will begin from the first track of your CD disc. When this function is pressed for a second time the play mode will be paused. To return back to the play mode press once again.

**Stop:** Pressing this function will cancel any function or command that the AC1 is currently performing. Pressing this function twice will also cancel any program sequence that is outstanding.

**Open/Close:** This function, when pressed for the first time, will open the CD drawer and allow you to load your CD disc. Pressing this function again will load the CD disc into the AC1. Once loaded the AC1 will read the contents of your CD disc and display the number of tracks available.

**Random:** This function, when selected, will play the available tracks on your CD disc in a random order. Please note that on subsequent uses of this function the order that the tracks are played in may differ.

**Power:** This will either fully power up the AC1 or be completely switched off.

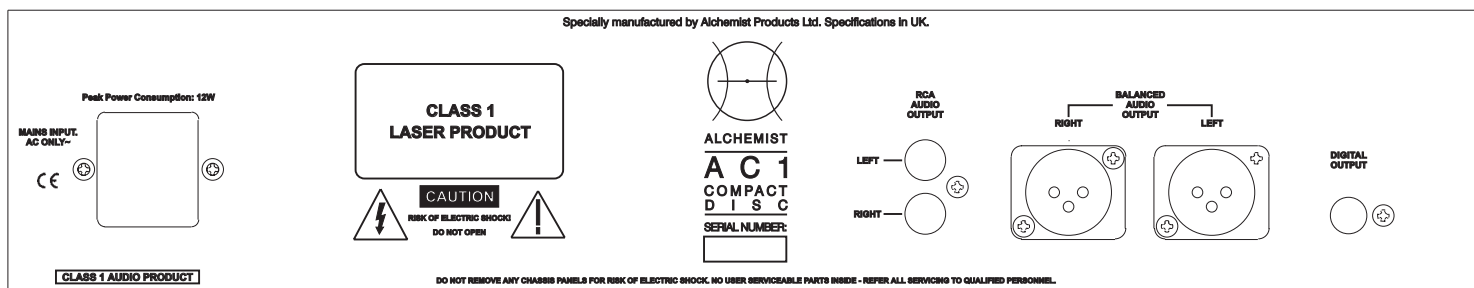
# SOURCE CONNECTIONS

As with all connections ensure that the equipment is switched off before you attempt to connect any cables.

As the phono sockets on the AC1 are gold plated, we recommend that, where possible you use gold phono plugs on your interconnect leads. Gold to gold connections will ensure that a good electrical contact is maintained without the need for periodic cleaning.

Take care that your input leads are correctly oriented for Right and Left channels. RED is usually Right and WHITE or BLACK is usually Left.

The AC1 has the facility to connect to your amplifier via the analogue outputs and to your DAC via the digital output connection. The analogue connection is also available in two forms. Via a standard RCA connector or via the balanced connectors.



# GENERAL CAUTIONS

FCC Warning.

The AC1 may use or generate radio frequency. Please note that, if any unauthorised modifications are made, the user may lose the right to operate this equipment.

If installed properly, the AC1 should not cause harmful interference to radio communications. However, there is no guarantee that, in certain installations, such interference will not occur. If interference does arise (and this can be determined by switching the unit off and on), then try the following:

- 1, Increase the distance between the offending units
- 2, Connect the AC1 to a different mains supply to that of the affected unit.
- 3, For further advice or help please consult your dealer or an appointed engineer.

Please note: that when the cover of the AC1 has been removed there may be some stray invisible radiation from the laser assembly. Never look directly into the exposed beam.

# GENERAL CARE

Any cleaning of your AC1 CD player should be done with a clean dry cloth. Do not use any solvent or silicone based cleaning solutions.

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

# AC1 SPECIFICATIONS

**Frequency Response :** 20Hz - 20KHz 0dB

**Total Harmonic Distortion :** <0.03% THD

**Signal to Noise :** -70dB

**Channel Separation :** -110dB (1KHz)

**DAC :** 24 Bit Delta Sigma

**Output Level :** 2Volts +/- 1dB

**Peak Power consumption:** 12 Watts

**Dimensions ( W x H x D):** 440mm x 350mm x 95mm

**Weight (Packed):** 8Kg

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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