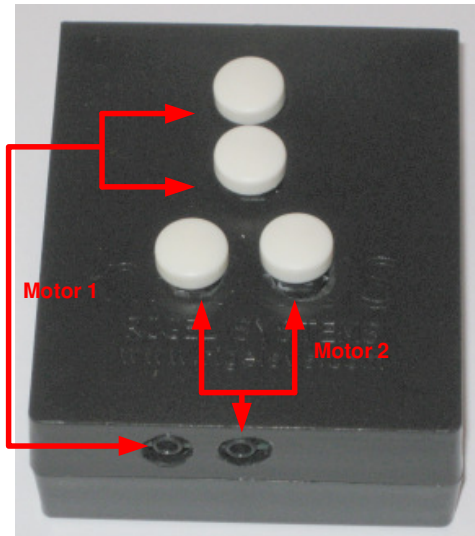# The GC Dual Analog Focus/Motor controller

Provides for:
1) Independent dual motor speed control using PWM
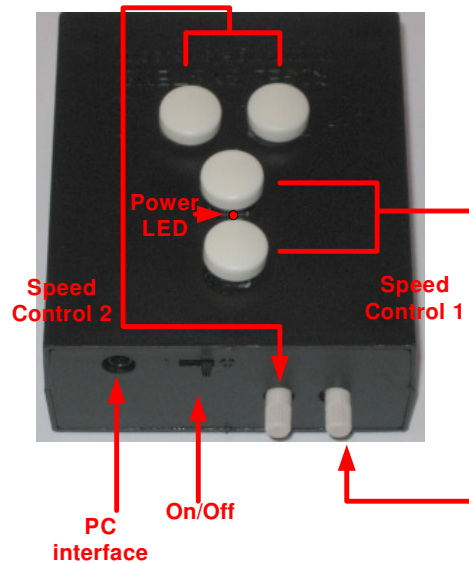2) Battery powered (4 x AA) provides boosted to 12V to motors

Figure 1 – Buttons and jacks

Figure 1 shows the jack that is associated with the direction buttons

Note: Using the buttons only one motor may be moved at a time.

Pressing a direction, holding and then pressing the other direction button will kick the motor into 'fast' mode. Release of the second button drops back to speed selected by speed selector.
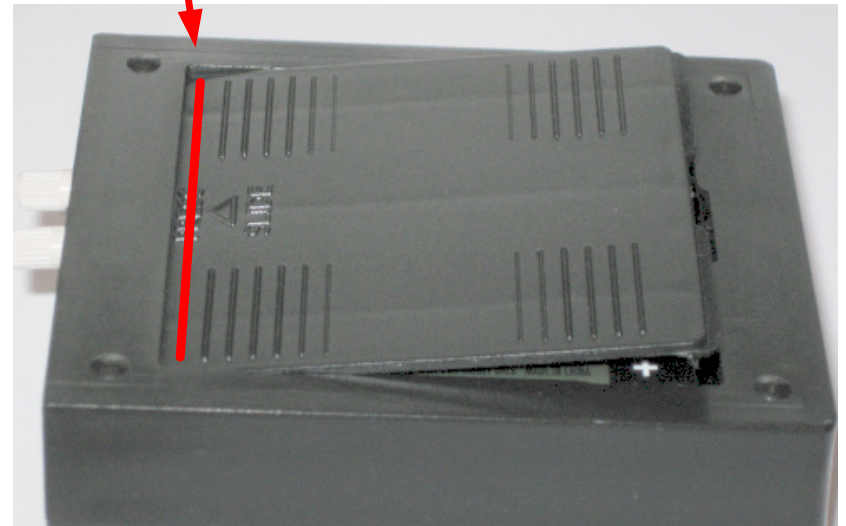
The end panel

Figure 2

Figure 2 shows the:
1) Twist knob controlling speed for given button set
2) Power on LED
3) On/Off switch
4) PC interface jack (do –not- plug focus motor into this jack!)

In the view above, for speed control: twisting clockwise = slower, counterclockwise = faster.

When unit is switched off it is normal for the LED to slowly dim after unit is powered off

Changing the battery

Figure 3

Figure 3 shows how to open the battery cover to change batteries.
Press close to the edge shown in the red line, cover will tilt in. Change batteries, replace cover by inserting the edge slightly at the red line edge, press opposite end down and slide towards the right till cover pops in.

Visit http://www.astrogene1000.com for complete information on this unit including operating in RigelSys 'nFOCUS' mode and ASCOM driver for PC based control.