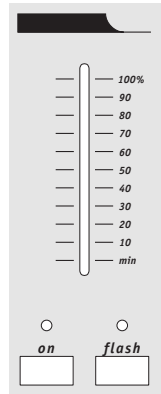# *Newton Control Commands*

ch 1 *iris*

Newton Channel 1 controls the iris (diaphragm). On Newton Control adjustment occurs through the relevant control and is continuous on a scale of 0 to 100%.
The ON key opens or closes the luminous beam, while the FLASH key allows aperture from the value set with the slider up to maximum, with return to the starting value when the key is released.

—	— 100%
—	— 90
—	— 80
—	— 70
—	— 60
—	— 50
—	— 40
—	— 30
—	— 20
—	— 10
—	— min

○ *on*   ○ *flash*

ch 2+5 *colour/colour mode*

Newton Channel 2 controls the colours and operates in combination with channel 5 (colour mode).

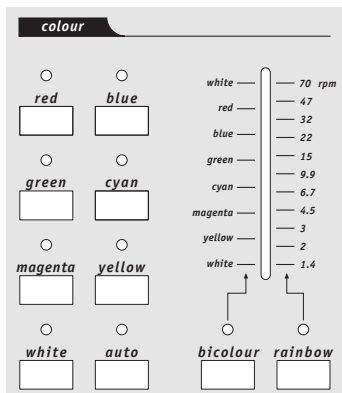On Newton Control the colour controls are grouped and arranged in a simple and intuitive manner.

The red, blue, green, cyan, magenta, yellow and white keys give direct access to the relevant colour, with passage to blackout from one position to the next.

The AUTO key automatically activates the colour change with blackout mode (hard change).

BICOLOUR controls the two-colour mode whose indications are shown on the scale to the left of the adjustment slider. In this way, pressing the colour keys also activates the change between adjacent colours.

The RAINBOW mode is activated through the relevant key. The rotation speed of the colour wheel is shown to the right of the adjustment slider, variable from 2.4 to 70 rpm.

The slider moreover gives access to analog colour control and the passages between one colour and the next.
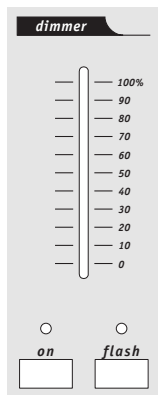
colour

red	blue	white —	— 70 rpm
		red —	— 47
		blue —	— 32
green	cyan	green —	— 22
		cyan —	— 15
		magenta —	— 9.9
magenta	yellow	yellow —	— 6.7
		white —	— 4.5
			— 3
white	auto	bicolour	rainbow

ch 3 *dimmer*

Newton Channel 3 controls the linear dimmer.

On Newton Control the adjustment occurs through the relevant control and is continuous on a scale of 0 to 100%.

The ON key opens or closes the shutter which blocks the luminous beam, while the FLASH key allows aperture at the value set with the slider, with return to the starting value when the key is released.

dimmer

| — 100% |
| — 90 |
| — 80 |
| — 70 |
| — 60 |
| — 50 |
| — 40 |
| — 30 |
| — 20 |
| — 10 |
| — 0 |

on   flash

ch 4 *shutter/strobe*

Newton Channel 4 controls the shutter/strobe.

On Newton Control the adjustment occurs through the relevant control and is continuous on a scale of 1 to 12 fps (flashes per second).

The ON key activates the strobe, while the FLASH key allows instantaneous activation of the strobe (at the desired frequency), deactivating it when the key is released.

strobe

| — 12 fps |
| — 9.4 |
| — 7.3 |
| — 5.7 |
| — 4.4 |
| — 3.5 |
| — 2.7 |
| — 2.1 |
| — 1.6 |
| — 1.3 |
| — 1 |

on   flash