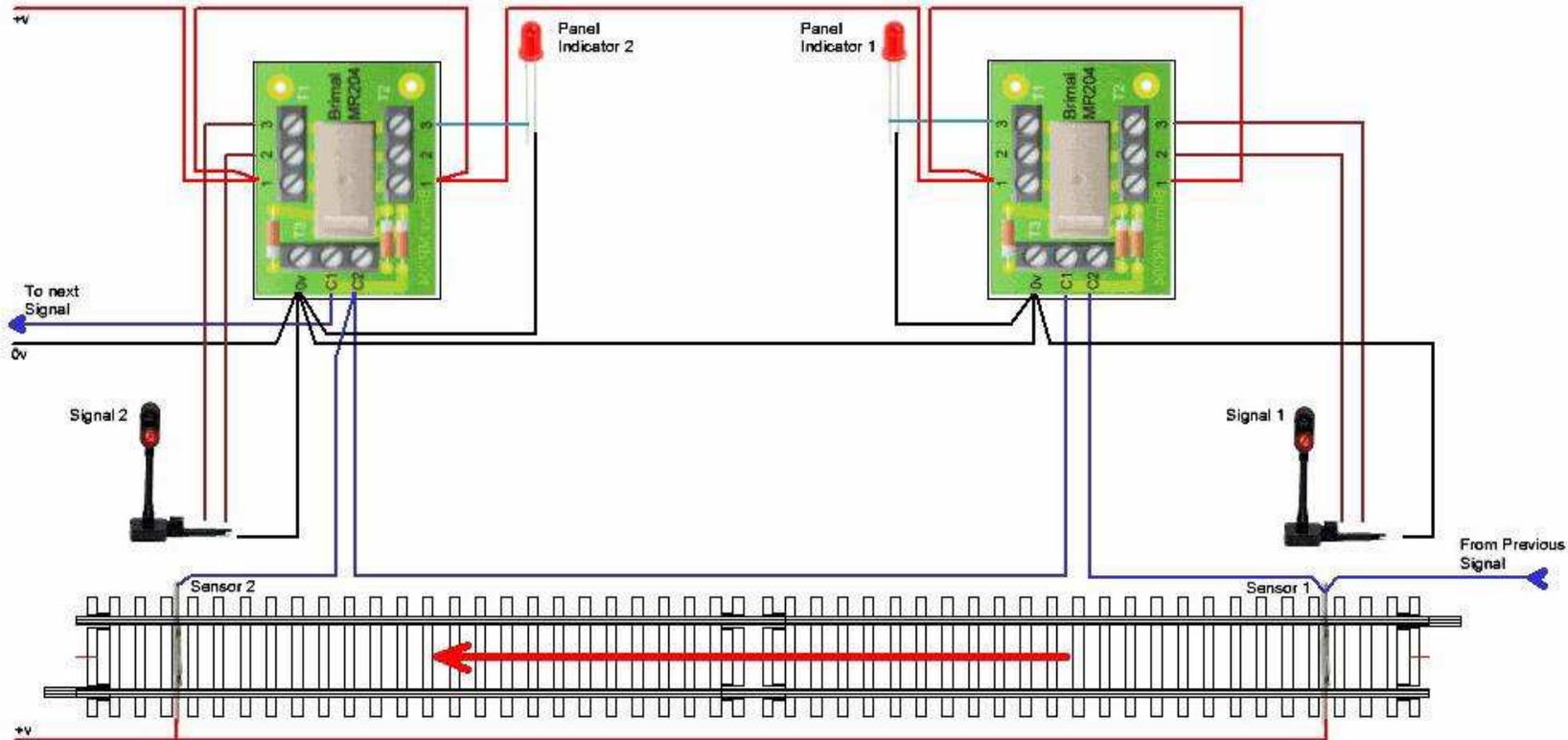


Control of Running Lights



In this application the MR204 is used to control the signals after a train has passed, each MR204 informs the next MR204 of the status of the last signal. This allows a cascade effect so each signal shows the correct aspect at all times. It is however limited to 2 aspect signals.

As the train passes over Sensor 1 the MR204 will change state which in turn changes the Signal 1 from Green to Red. Also an indicator back at the control panel if required. At this time Signal 2 should be at Green as should all signals left of this.

When the train passes over Sensor 2, Signal 2 will change from Green to Red, and Signal 1 will change from Red to Green. This effect will continue as the train passes over the next sensor and so on, until it gets back to Sensor 1 where the cycle will start again.

The distance between Sensor 1 and Sensor 2 will be dependent on the size of your Layout, it could be every 300mm or 500mm and so on.