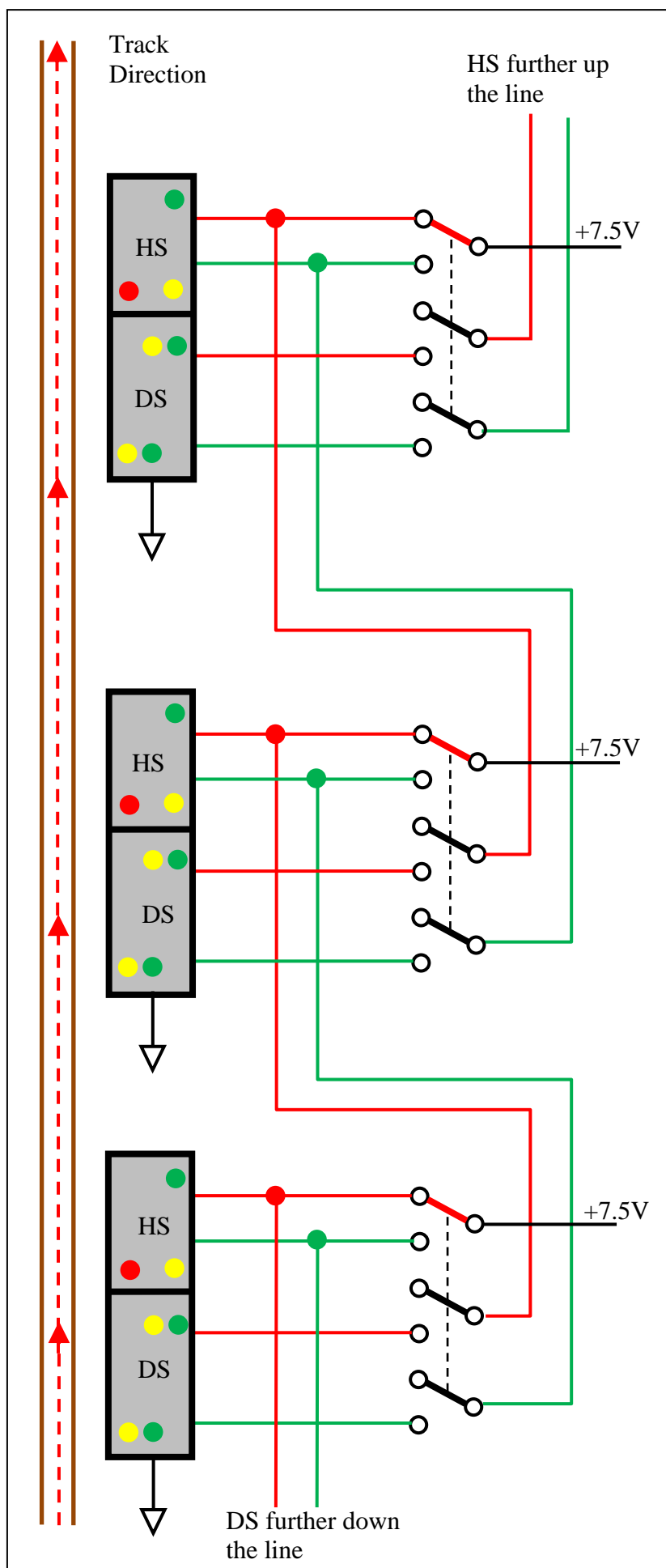


Wiring Diagram Combined HS + DS Control with DS Blanking on HS Red

24/01/2017



My Home Signal (HS) and Distant Signal (DS) are designed as eye candy only. They don't have any control of the trains at all.

The yellow aspect of the signals is controlled by a 555 timer.

The red relay contact is a k84 change over contact that is required to switch each signal from red to yellow via the 555 timer then to green.

When I learnt that a signal mast which has a combined Home and Distance signal blanks out the distance signal when the home signal is red I decided to emulate that condition by adding an extra latching relay with two change over contacts. The coils of the two relays are wired together so both relays function together.

The diagram shows all home signals default to red. When the HS changes to green the DS will show the correct setting for the HS further up the line.

Please refer to original [Document](#)

I found my original sketch yesterday dated 2008 so this document is an addition to the document above.

