

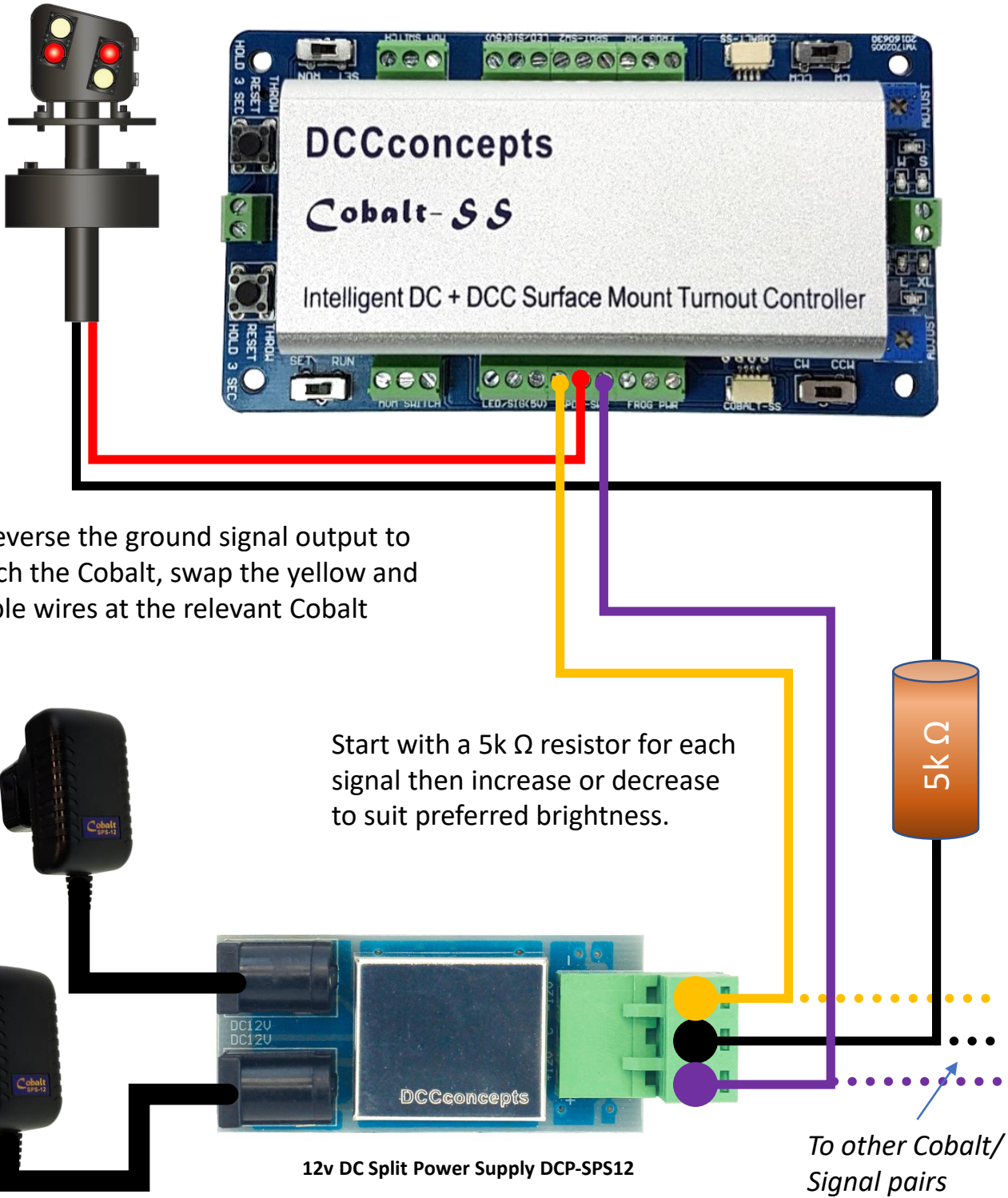


# DCC concepts thinking outside the square



## Alpha Mimic Ground Signals powered by the SPS-12 and controlled by Cobalt motors

*There are similar SPDT switches on the other Cobalt turnout motors*



To reverse the ground signal output to match the Cobalt, swap the yellow and purple wires at the relevant Cobalt

Start with a 5k  $\Omega$  resistor for each signal then increase or decrease to suit preferred brightness.



To other Cobalt/  
Signal pairs

*Originally drawn for John B*