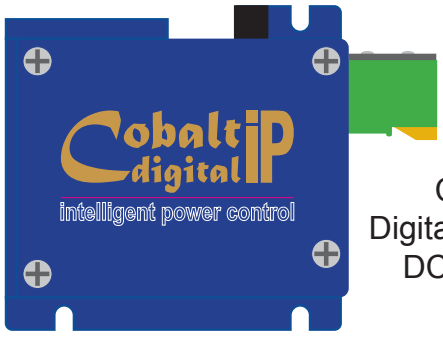
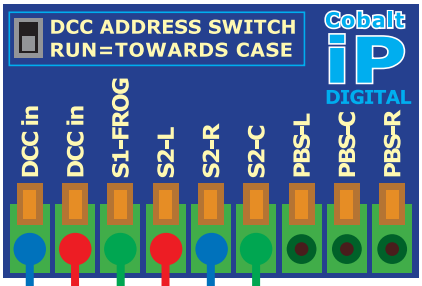
LAYOUT CONCEPTS

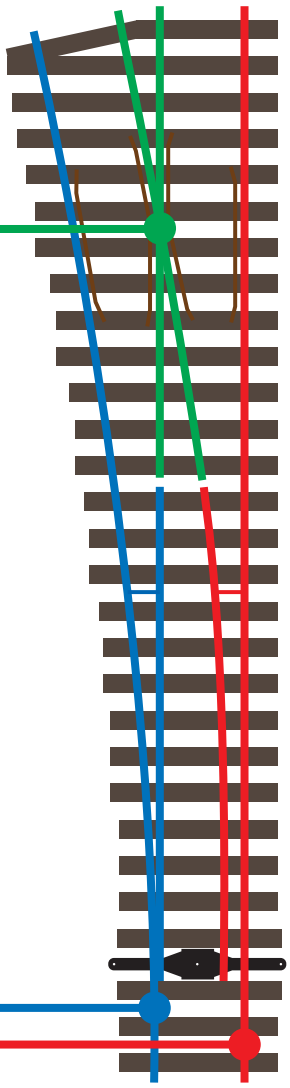
Wiring LEDs From The Frog Output On A Cobalt iP Digital Point Motor On An Accessory Bus

The Cobalt iP Digital is wired from an accessory bus so S1-Frog can not be used.



Cobalt iP
Digital Point Motor
DCP-CB1DIP





DCC Accessory Bus

Resistor
5kΩ

Diodes for example
1N4001

LEDs do not like large voltage reversals, so the diodes support the LEDs to prevent this

The orientation of the Cobalt will affect wiring. It a turnout frog shorts, swap the S2-L and S2-R wires to the motor.