

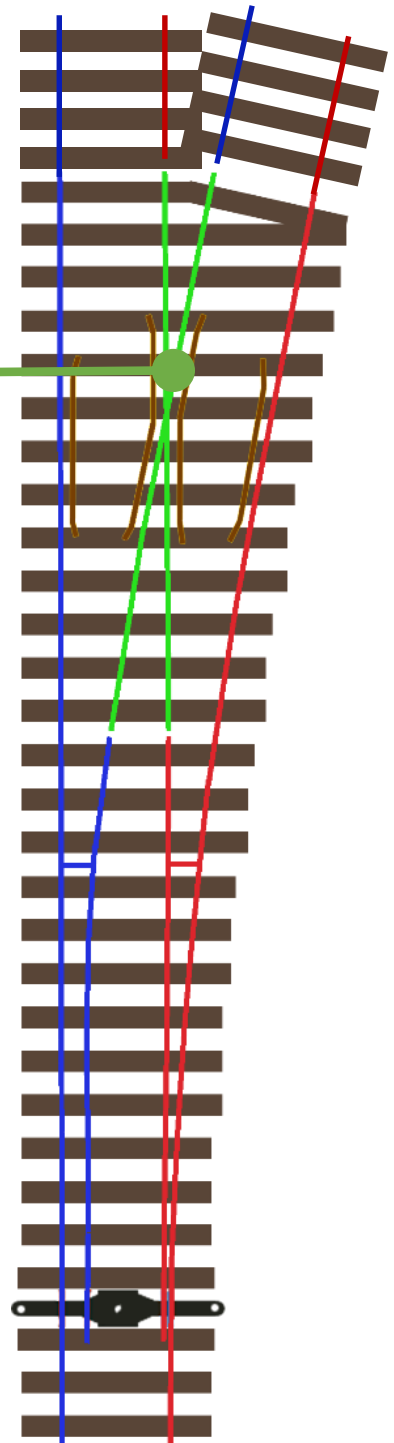


ADS-2sx wiring - Frog

The ADS-2sx is shown but this also applies to the ADS-8fx, and ADS-8sx.

Tip 1: If a frog polarity is incorrect, swap the **Frog L** and **Frog R** wires.

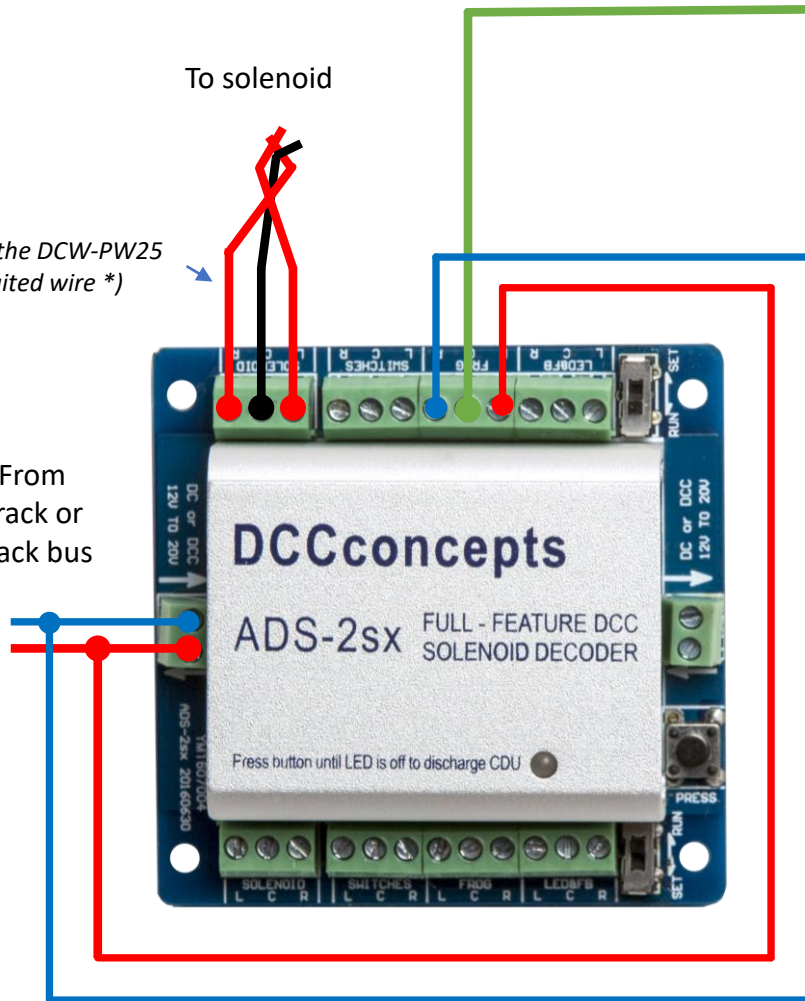
Tip 2: Ensure the capacitors are discharged before doing any wiring. On 'sx' models, use the push button marked 'PRESS' until the blue light extinguishes.



To solenoid

(Note the DCW-PW25 plaited wire *)

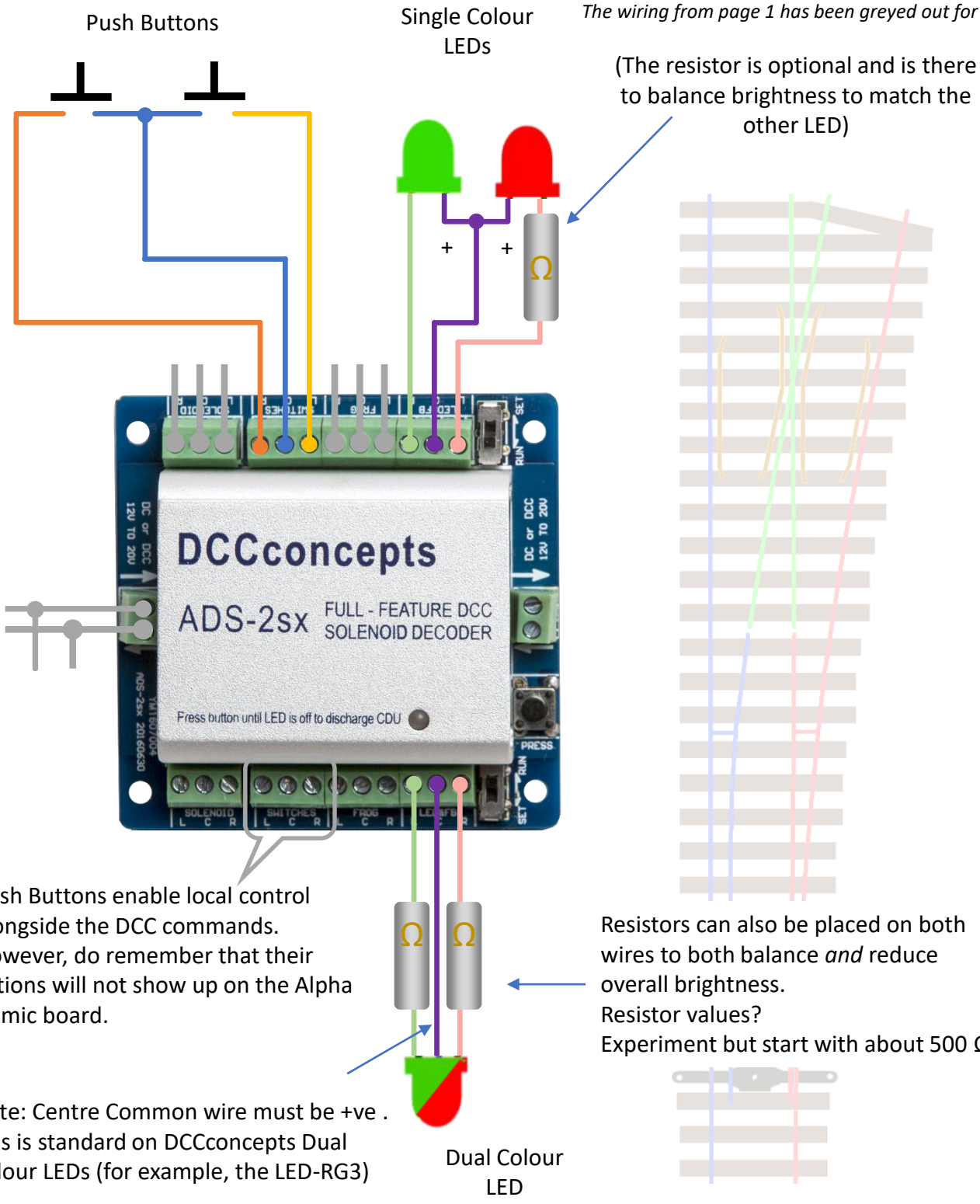
From Track or Track bus



**In addition to making wiring neat and tidy, the plaiting of the 3 wires greatly reduces induction within the wire, increasing power delivery and, because it reduces the high voltage spike that happens each time the solenoid coil power is released, it also helps to extend switch life and increase reliability.*



ADS-2sx wiring- PB and LEDs



The wiring from page 1 has been greyed out for clarity

(The resistor is optional and is there to balance brightness to match the other LED)

Push Buttons enable local control alongside the DCC commands. However, do remember that their actions will not show up on the Alpha Mimic board.

Note: Centre Common wire must be +ve. This is standard on DCCconcepts Dual Colour LEDs (for example, the LED-RG3)

Resistors can also be placed on both wires to both balance *and* reduce overall brightness. Resistor values? Experiment but start with about 500 Ω .

Originally drawn for Brian P