

ADS-2sx – using the LED output for 2-LED Mimic Ground Signals

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

Tip 1: If a signal display is incorrect, swap the **DCC-MC2.4** 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. On the 'fx' models, [click here](#) for details on how to discharge.

Tip 3: The DCC-MC2.4 leads have a very small wire size so strip about 5mm then fold back the strands over the insulation to enable the SDC connectors to purchase correctly.

(also DCD-GS-US)

DCD-GS-RG

DCC-MC2.4

1kΩ

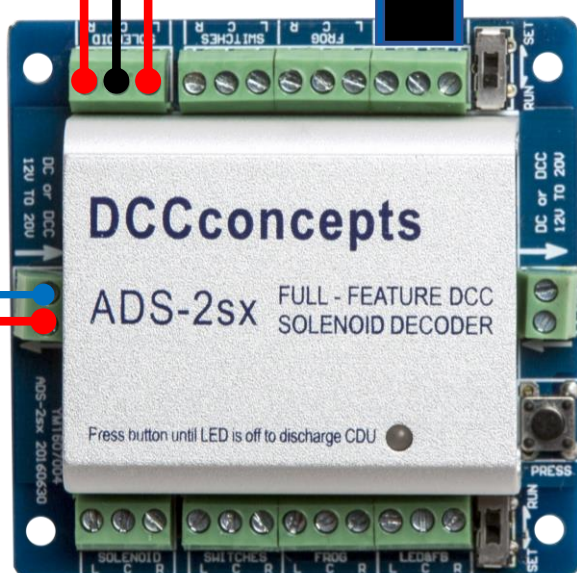
The value of the resistor can be varied to suit the brightness required.

DCD-SDC plugs into the LED & FB output

To solenoid

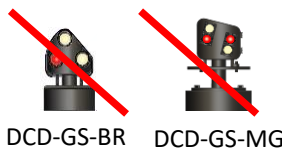
(Note the DCW-PW25 plaited wire *)

From Track, Track bus or Accessory Bus



Important – do not plug the SDC into the Solenoid output at the other end!

The ADS' LED output power is insufficient for the 3 and 4 LED GS



originally drawn for Sean B

*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.