Cobalt S - Levers

Levers

Detailed Instructions



PRECISION CONTROL

RELIABLE PERFORMANCE

EASY INSTALLATION

BUILT FOR THE FUTURE

For use with the following

Part Numbers:

DCP-CBS	Cobalt S - Lever Single Pack & Accessories
DCP-CBS6	Cobalt S - Lever 6 Pack & Accessories
DCP-CBS12	Cobalt S - Lever 12 Pack & Accessories

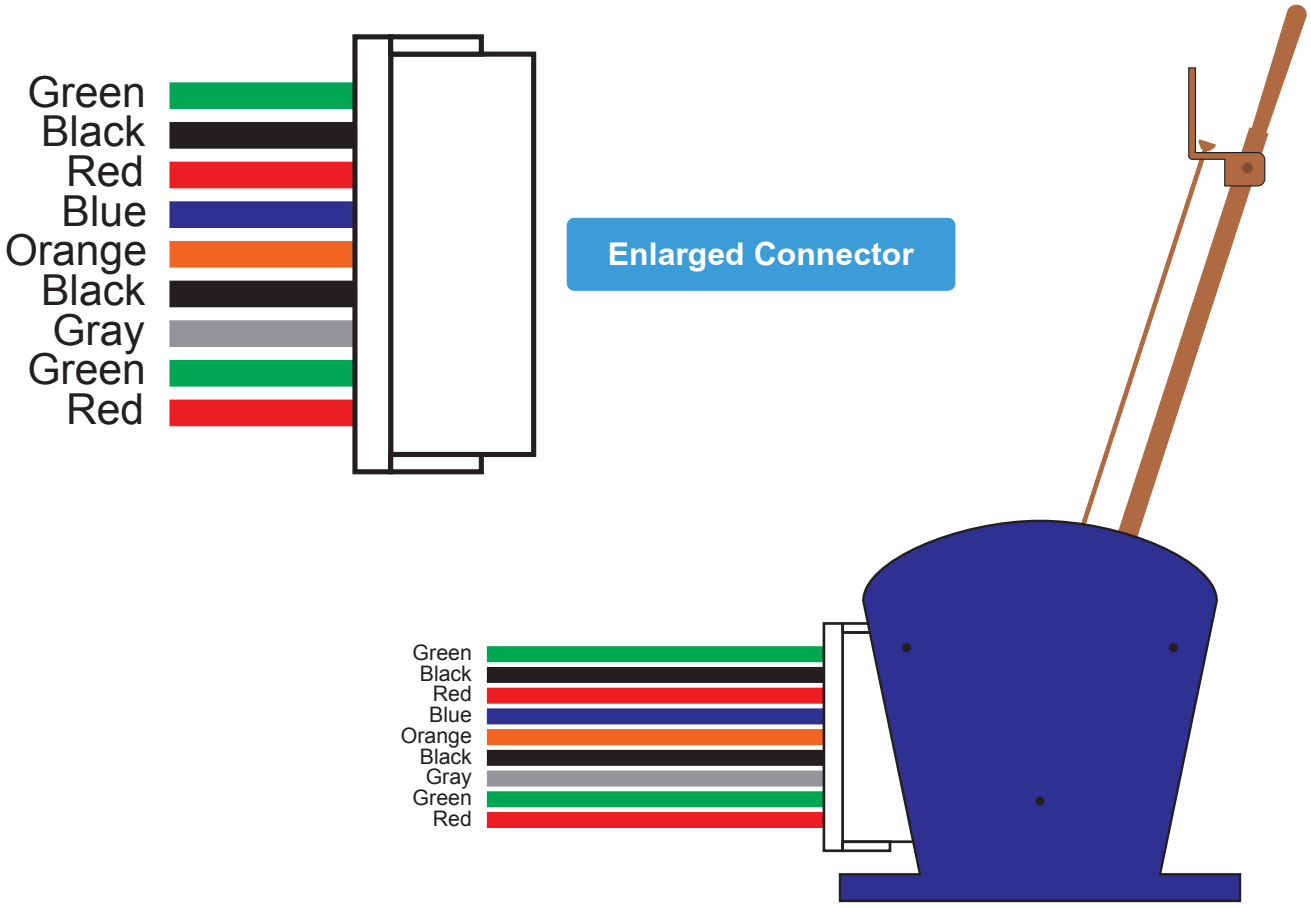
Version 1

S-Lever

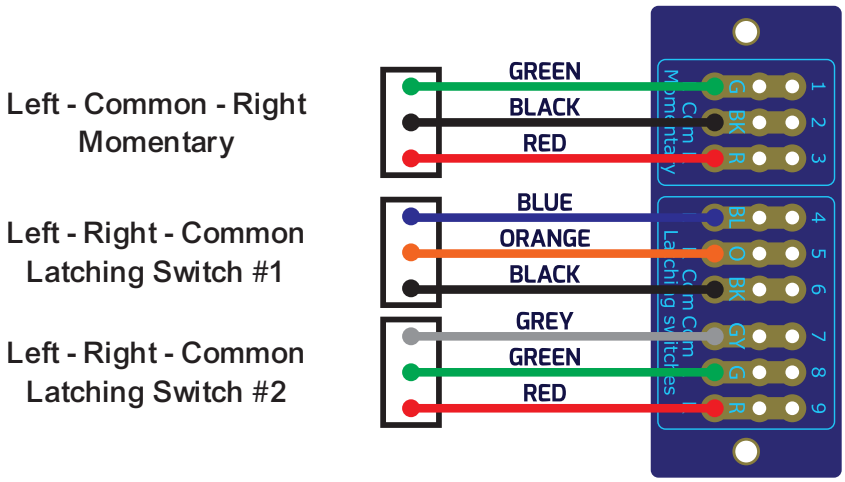
Connections

DCP-CB1X

The connecting wiring loom on the Cobalt S-Lever plugs directly into the blue plastic housing on the side. The wires are arranged in the following order:



Connections from top to bottom on the S-Lever wiring loom:



The Cobalt-S Lever can be configured with or without the printed circuit board, depending on the application and user preference.

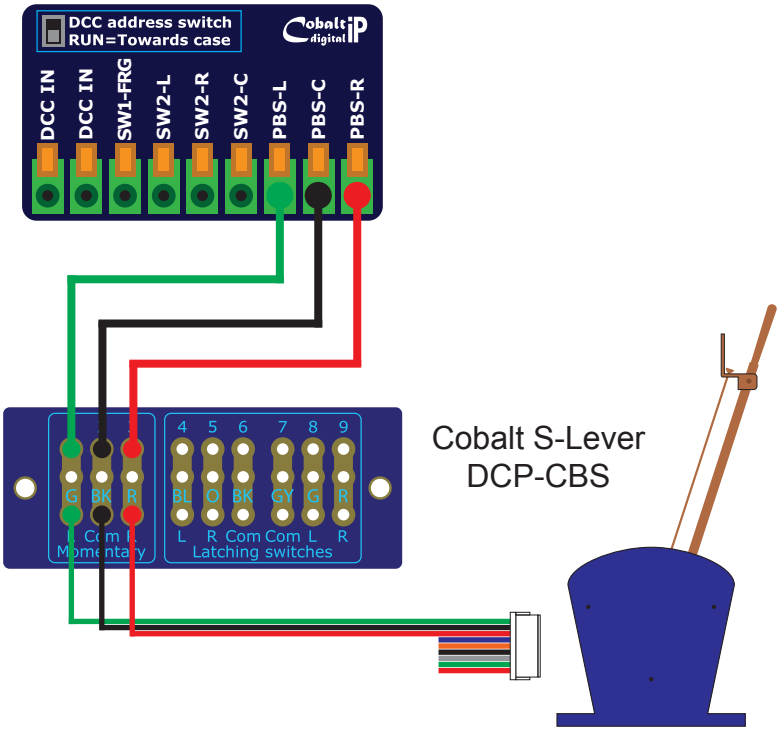
S-Lever

Cobalt iP Digital Point Motor Control

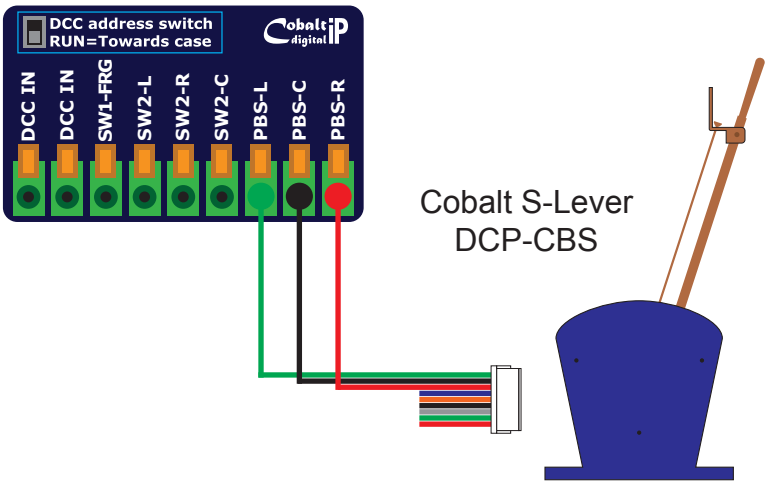
DCP-CBS

Simply connect the top three wires from the white connector on the S-Lever to the corresponding **PBS-L**, **PBS-C** and **PBS-R** sockets on the iP Digital Point motor.

With circuit board



Without circuit board



Note: The frog wiring connections are not shown

WIRING NOTE

To reverse the output to match the S-Lever throw, swap the GREEN and RED wires at the relevant Cobalt S-Lever or Cobalt iP Digital point motor.

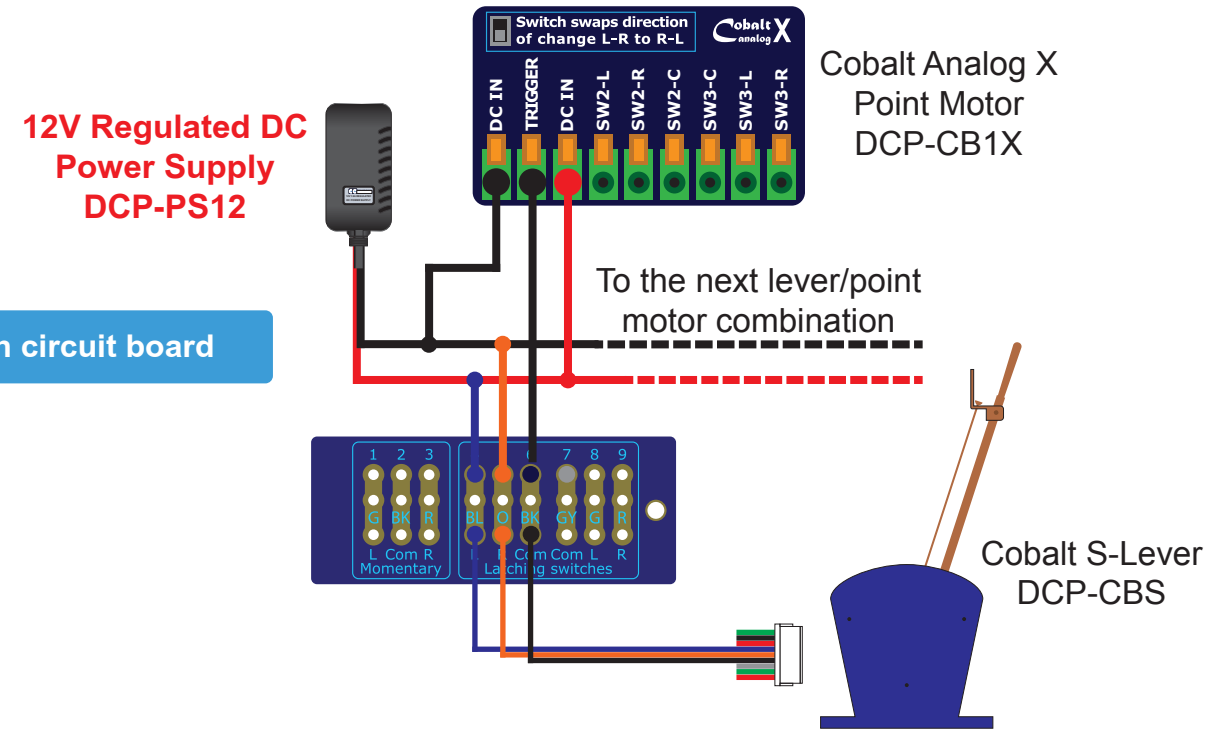
S-Lever

Cobalt Analog X Point Motor Control

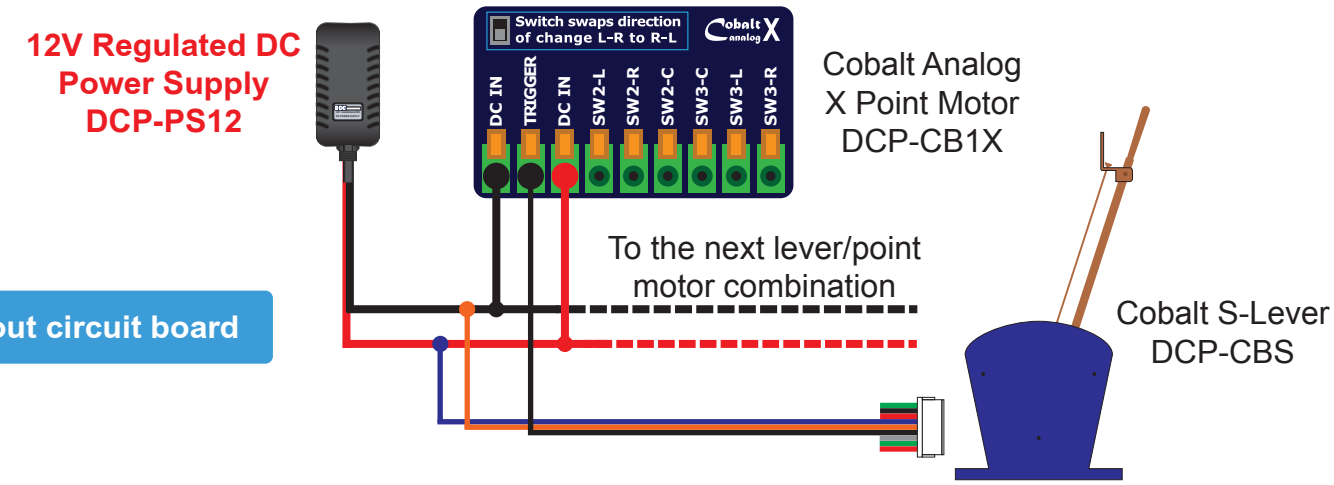
DCP-CBS

Simply connect a **regulated 12V DC** power supply to the S-Lever through the **ORANGE** and **BLUE** connections, and connect the **TRIGGER** input on the motor to the **BLACK** connection on the S-Lever. Then connect the **DC IN** on the Analog X point motor to the regulated 12V DC power supply.

With circuit board



Without circuit board



Note: The frog wiring connections are not shown

WIRING NOTE

To match the point motor direction with the S-Lever throw, change the position of the small switch located next to the green connectors on the point motor.

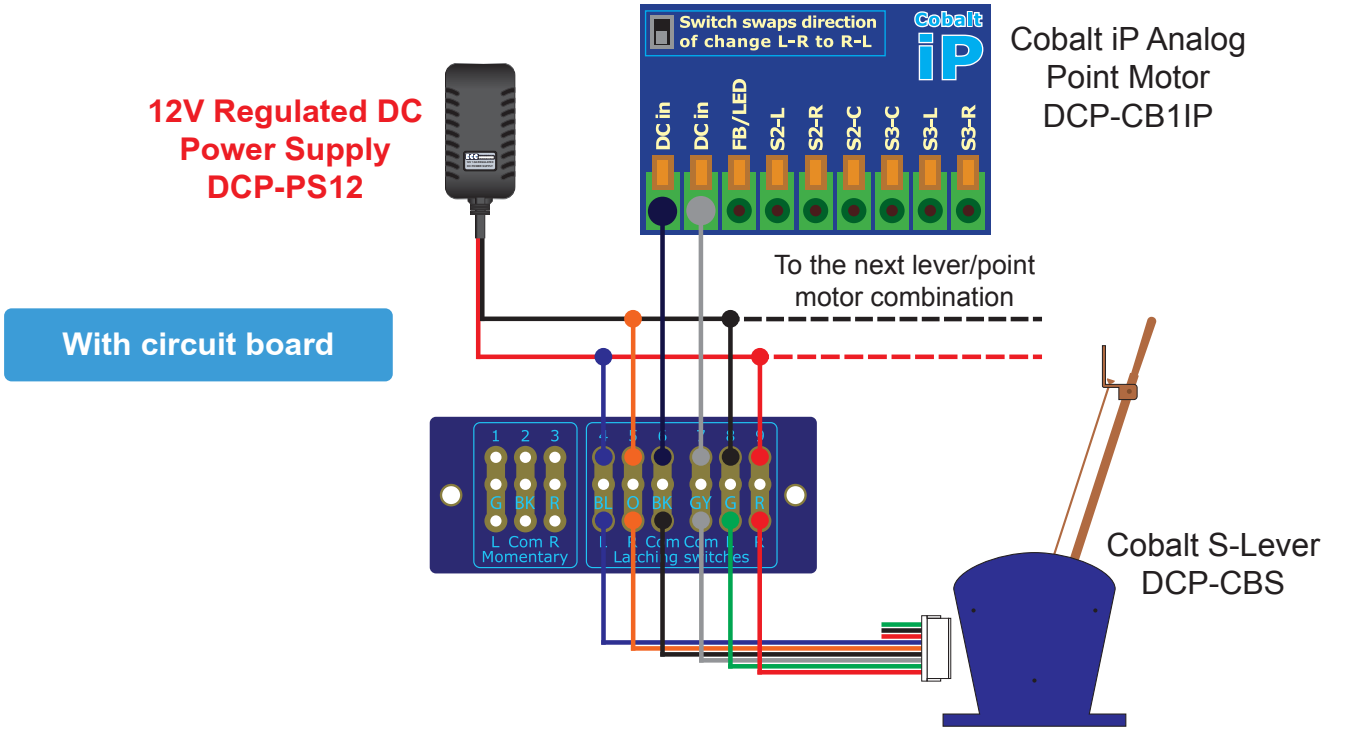
S-Lever

Cobalt iP Analog Point Motor Control

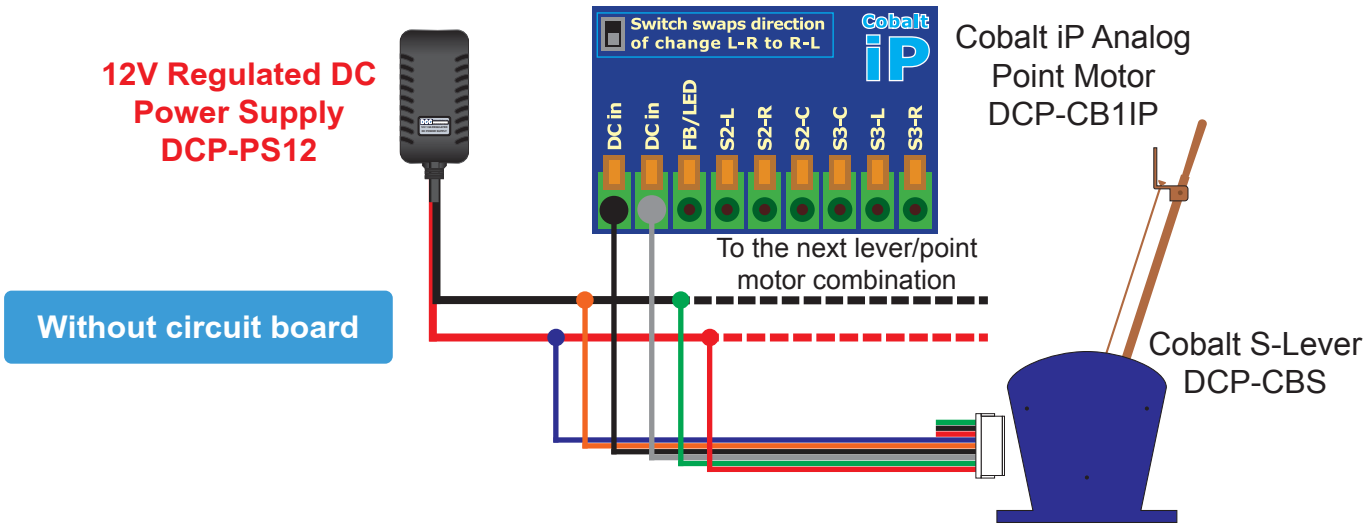
DCP-CBS

Simply connect a regulated 12V DC power supply to the S-Lever through the **BLUE** and **RED**, and the **ORANGE** and **GREEN** connections. Then connect to the **DC In** on the iP Analog point motor with the **BLACK** and **GREY** connections.

With circuit board



Without circuit board



Note: The frog wiring connections are not shown

WIRING NOTE

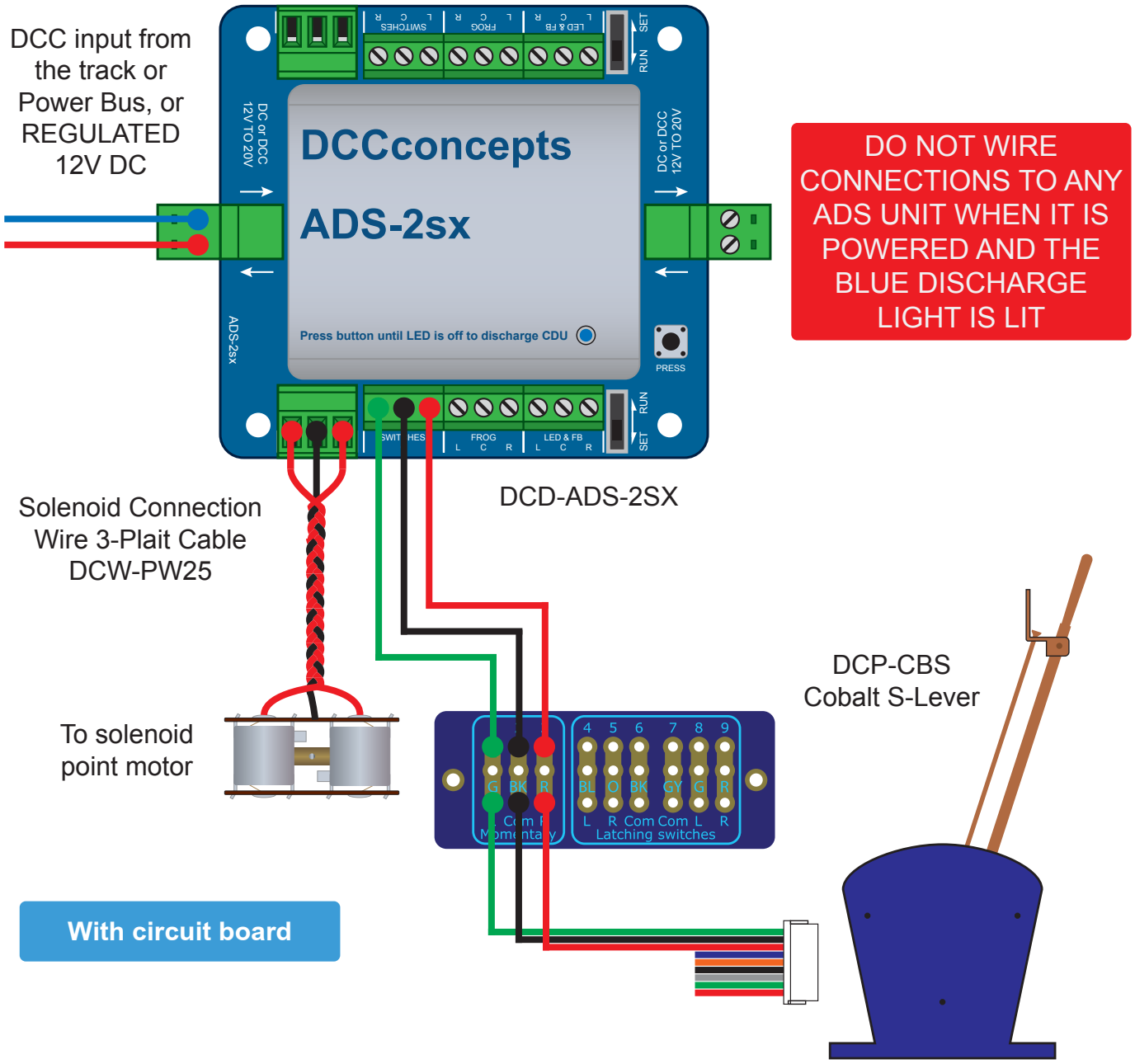
To match the point motor direction with the S-Lever throw, change the position of the small switch located next to the green connectors on the point motor.

S-Lever

ADS Solenoid Control

DCP-CBS

Simply connect the top three wires from the white connector on the S-Lever to the corresponding **SWITCHES** connectiodns on the ADS unit.



Note: The frog wiring connections are not shown

WIRING NOTE

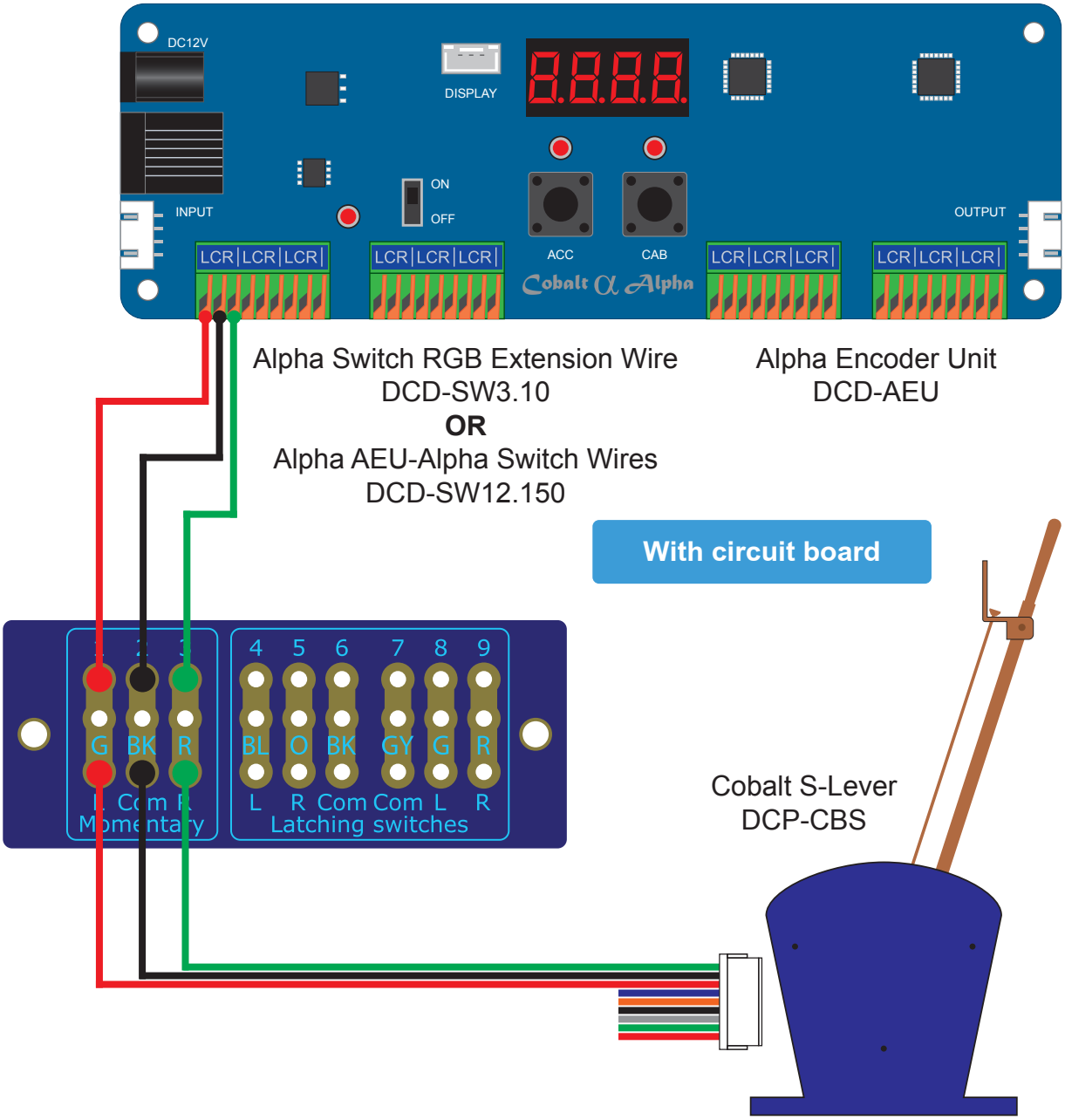
To reverse the output wires to match the lever throw, swap the GREEN and RED wires at the relevant Cobalt S-Lever or ADS connection.

S-Lever

Connecting to an Alpha Encoder Unit

DCP-CBS

Simply connect the top three wires from the white connector on the S-Lever to the corresponding **SWITCHES** connectiodns on the ADS unit.



Note: The frog wiring connections are not shown

WIRING NOTE

To reverse the output wires to match the lever throw, swap the GREEN and RED wires at the relevant Cobalt S-Lever or ADS connection.