



Cobalt iP Digital Point Motor

The Cobalt iP Digital Point Motor, with built-in frog power switching, a separate SPDT changeover switch and connections for panel controls, the Cobalt iP Digital offers exceptional versatility and seamless integration with signalling and automation systems. Supporting DC, DCC or a combination of both it delivers intelligent, flexible and reliable turnout control for any model railway layout.



Six Motor Pack Contains:

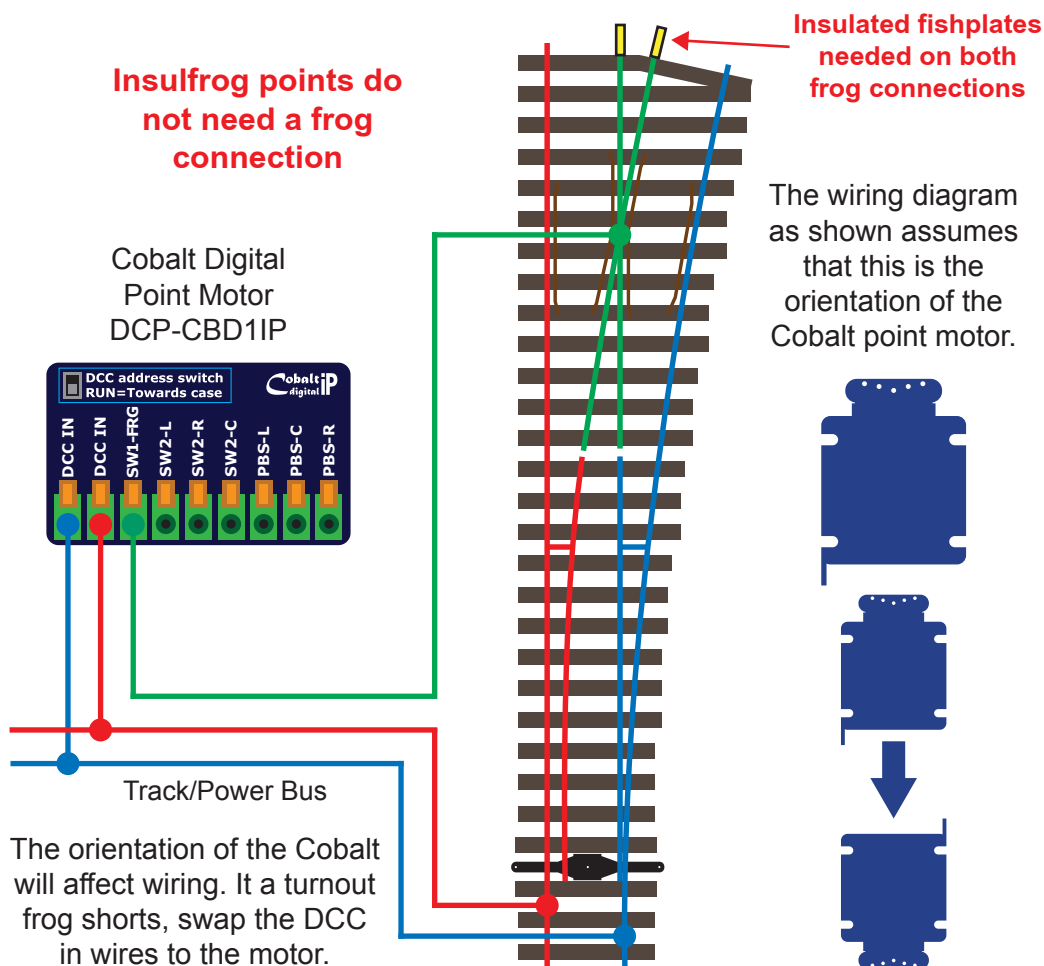
6x Cobalt iP Digital point motors, 6x double sided foam pads, 6x throw wires, 6x fulcrums, 6x fulcrum screws and 30 fixing screws.

Twelve Motor Pack Contains:

12x Cobalt iP Digital point motors, 12x double sided foam pads, 12x throw wires, 12x fulcrums, 12x fulcrum screws and 60 fixing screws.

Electrofrog Point Frog Control from a Track/Power Bus

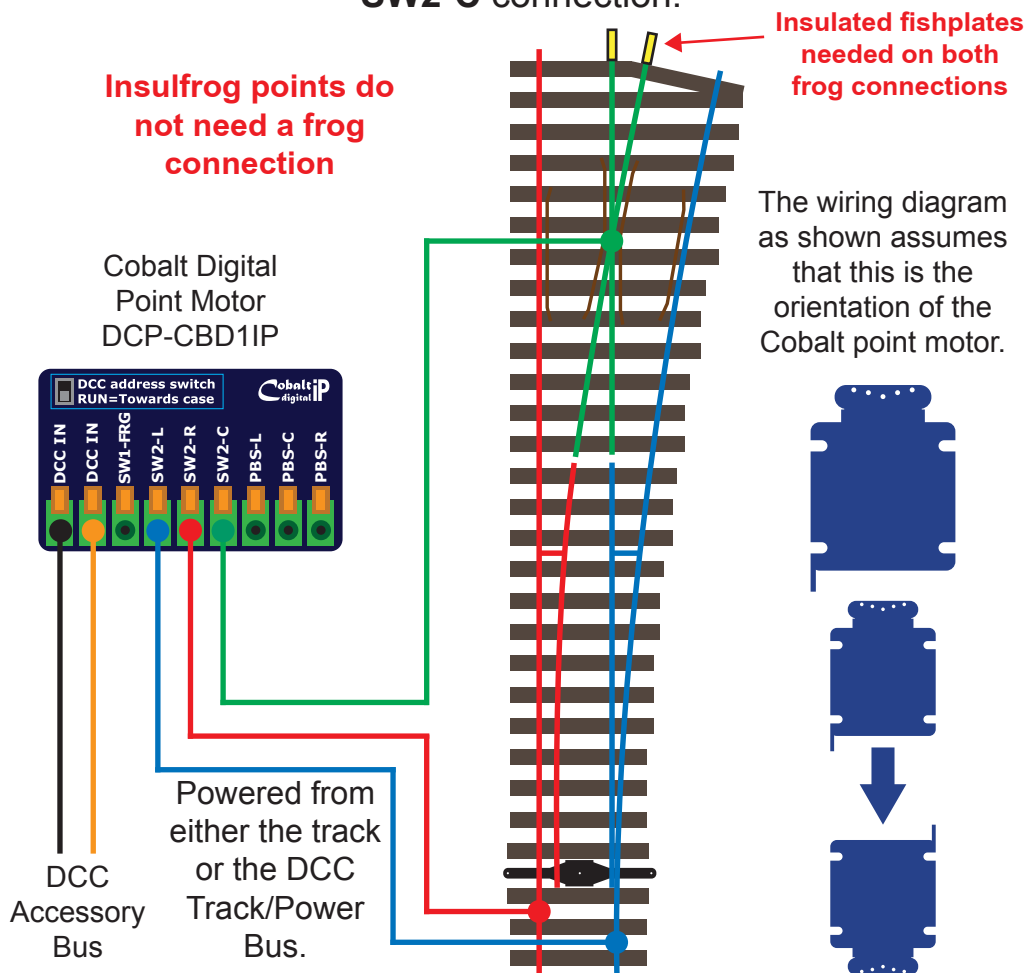
Connect your **TRACK BUS** to the **DCC IN** on the iP Digital point motor, and connect the **FROG** wire from your electrofrog point to the **SW-1 FRG** connection.



If an electrical short circuit occurs on the DCC controller when a train crosses the point frog, swap the **RED** and **BLUE** wires connected to the **DCC IN** terminals on the Cobalt iP Digital Point Motor. Once the wires have been swapped, test the point operation and check that the short circuit no longer occurs.

Electrofrog Point Frog Control from an Accessory Bus

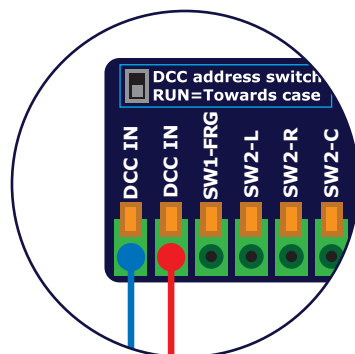
Connect your **ACCESSORY BUS** to the **DCC IN** on the iP Digital point motor. Next connect your **TRACK BUS** to the **SW2-L** and **SW2-R** connections on the point motor. Finally connect the **FROG** wire from your electrofrog point to the **SW2-C** connection.



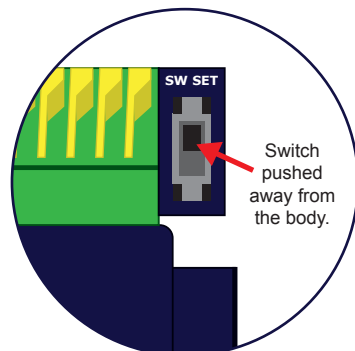
If an electrical short circuit occurs on the DCC controller when a train crosses the point frog, swap the **RED** and **BLUE** wires connected to the **SW2-L** and **SW2-R** terminals on the Cobalt iP Digital Point Motor.

Programming an iP Digital Point Motor

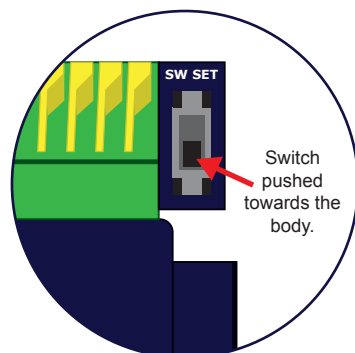
Before programming your Cobalt iP Digital Point Motor, ensure the **DCC IN** terminals are connected to your DCC controller, **TRACK/POWER BUS** or **ACCESSORY BUS**.



Slide the **SW SET** switch *away* from the **motor body** to the **SET** position. Use your DCC system to send a **change direction** command for the accessory number you would like the motor to be.



Finally, slide the **SW SET** switch *towards the motor body* to the **RUN** position. The point motor is now programmed and can be reprogrammed as often as required.



For detailed instructions, please scan the QR code on the left.