

DCC80 Autofrog – Digital Frog Polarity Switch

The DCC80 Autofrog is a simple switch that automatically changes the frog polarity on your DCC layout. In most situations, the use of electrofrog points is recommended on digital layouts to ensure reliability but this can make extra switching more complicated than it needs to be.

Allow us to introduce you to the Autofrog.

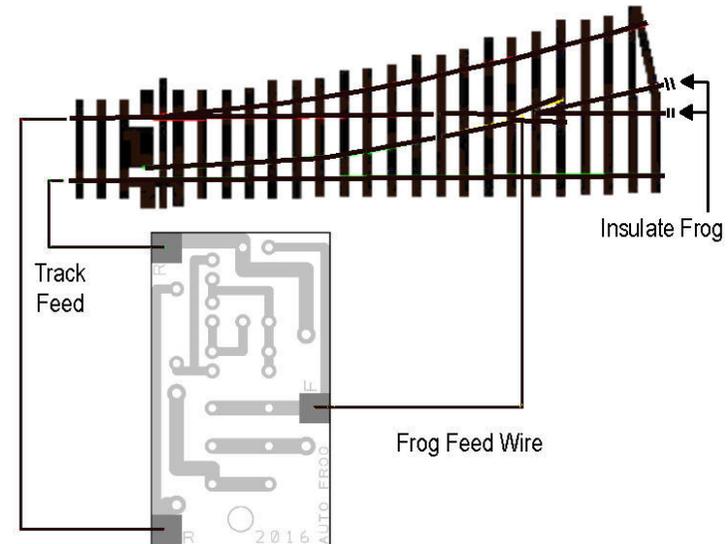
Wiring the DCC80 is simple.

There are three solder connections on the board, 2 connections labelled “R” - which you should connect to your track or your bus and 1 connection labelled “F” which you connect to the frog input wire.

As there are so many variations of point/turnout, we recommend you follow your track manufacturer’s instructions.

For an example, we have shown a typical set up where the frog is isolated by an optional track break – this avoids unwanted short circuits if you forget to throw the point.

With the frog powered by the DCC80, it can detect the incoming polarity of the wheels and switches the frog to match.



Specifications:

DCC Track voltage: 12-20v

Frog Current: 2Amp Max

DCC80 typical current consumption: 20mA