

David Churchill

NCE Power Cab CSGOG Interface Box.

I was introduced to DCC when I purchased my first Ready to Run O gauge locomotive in 2013, and was recommended by Lee Marsh to purchase an NCE Power Cab, as it is what they use to test their models. This I duly did and have found the Power Cab reliable and user friendly. Knowing that other members had the same hand set, I decided to build a couple of interface boxes.

I purchased the NCE panel and PCB and Power supply from Digitrains and the rest of the stuff from Amazon.

I produced two versions one in a compact blue steel instrument case for home use and the other in a strong ABS black box for use on our test track. I built in an on/off switch for the track supply so that you can avoid short circuits when putting you loco on the track. I was also keen to get the plug-in power supply in the box and managed to get a compact extension lead, which fitted a treat.

The trickiest job was cutting accurate holes for the components and cable glands. To save space I soldered the power supply leads to the PCB. Nigel gave me a drawing of the DIN plug connections to complete the job. Normally I would get Wimborne Engraving to engrave the boxes, but with the lockdown I made and laminated my own labels and finished off by applying one of the new larger CSGOC Logos to the top of the case.