

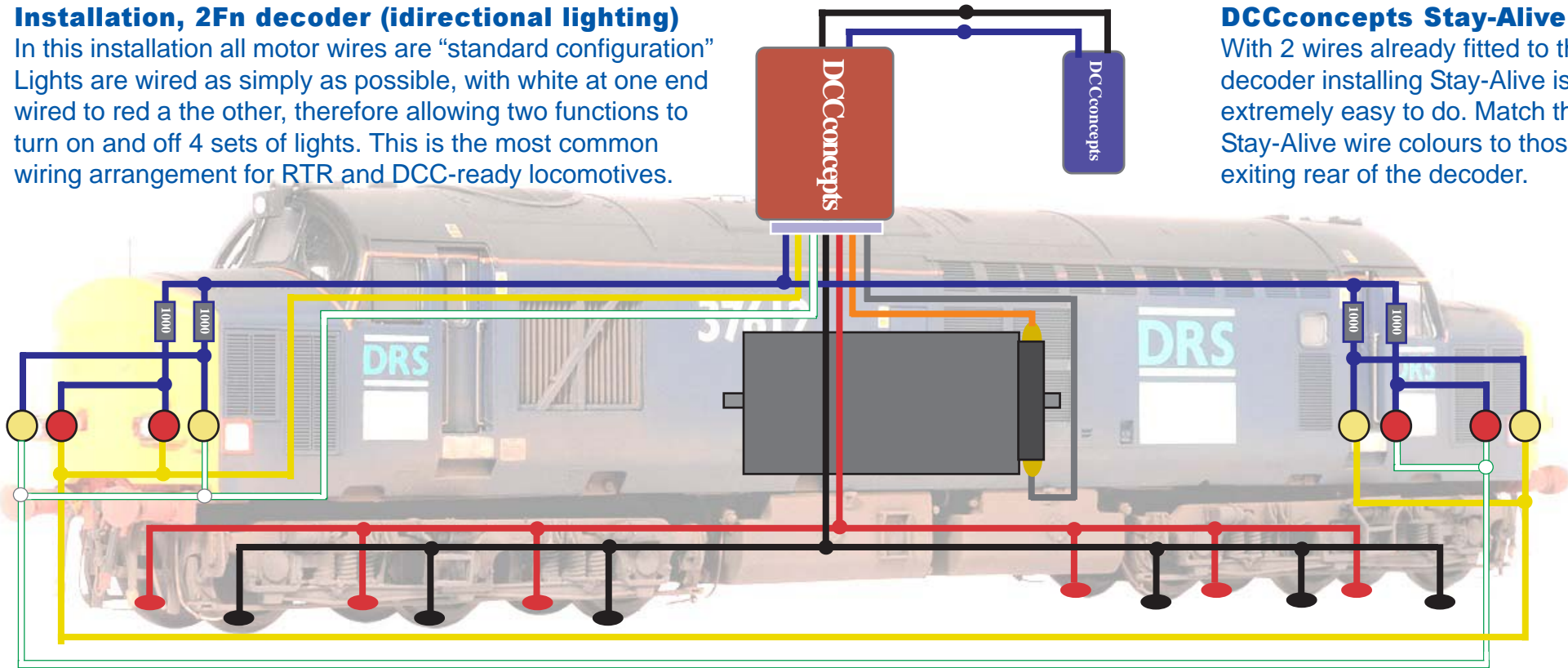
Installation example - DCCconcepts 2 function decoder

Installation, 2Fn decoder (idirectional lighting)

In this installation all motor wires are “standard configuration”
Lights are wired as simply as possible, with white at one end wired to red at the other, therefore allowing two functions to turn on and off 4 sets of lights. This is the most common wiring arrangement for RTR and DCC-ready locomotives.

DCCconcepts Stay-Alive

With 2 wires already fitted to the decoder installing Stay-Alive is extremely easy to do. Match the Stay-Alive wire colours to those exiting rear of the decoder.



Wire Colour - Motor/track connection

Red = Track pickup, Right rail (loco drivers view)
Black = Track pickup, Left rail (loco drivers view)
Orange = Motor wire, Usually top or RH brush
Gray = Motor wire, Usually lower or LH brush

Wire Colour Information - Active Functions

Blue = Common positive for all light functions
Yellow = Rear lights - In this installation, yellow controls the front red lights
White = Front Lights - In this installation, white controls the front main lights
Lights directional and will change based on loco direction. They are turned on and off using the F0 or “headlight” controller button