

# Owners guide

## Class 73 (PCB V2)

**Prototype operation:** The class 73 has no rear facing red lamps. A 'red' indication was added to the rear of prototype when required by the simple provision on the headcode blinds of a double red rectangle displayed in the rear headcode box. Front and rear headcode box illumination was controlled separately, from cab switches.

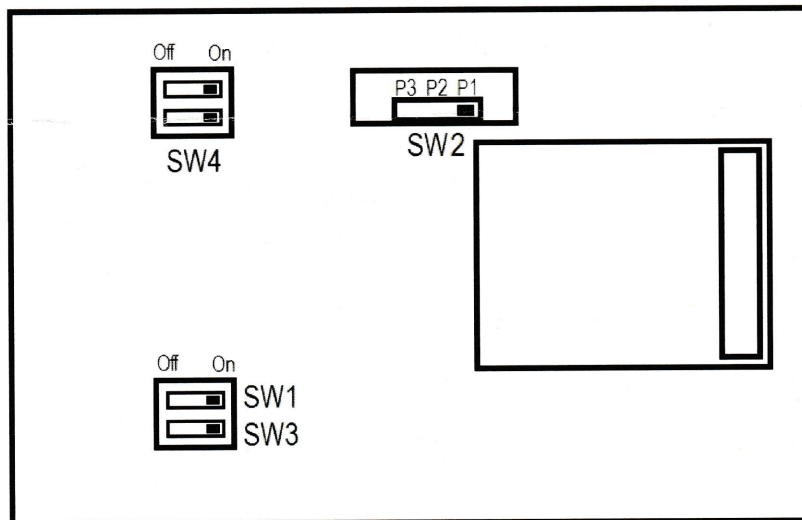
High intensity headlamps were added later in the types life. These were also controlled from the cab.

This release of the model uses a newly designed PCB which permits simulation of the various light settings. We have provided lighting control switches for DC and DCC users. DCC users have full control when using a 4 function 21 pin decoder. Factory fitted DCC models are pre-programmed to operate in a prototypical PUSH-PULL, and light engine modes (see DCC guide below for further information).

### Factory default switch settings:

SW1 – ON, SW2 – P1, SW3 – ON, SW4 – ON.

### DC Lighting control:



Due to the lack of rear red lamps, as with the prototype both front and rear headcode boxes are always 'on' unless over-ridden by switch settings (see below).

The PCB contains two blocks of small two position switches (SW1, SW3 & SW4) and a three-position switch (SW2). The switches control the lighting as follows:

- SW1 #1 end Headcode box lamp on/off
- SW3 #2 end Headcode box lamp on/off
- SW2 P1 Leading cab light on (directionally controlled)  
P2 Both cab lights off  
P3 Training cab light on (Directionally controlled)
- SW4 Leading High intensity lamp (If fitted) ON/OFF (Directionally controlled) (N.B. Models fitted with a high intensity lamp require both switches of this block to be off to disable the H.I. Lamp entirely).

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**DCC Users:** Factory fitted DCC decoder are pre-programmed to operate the model in various modes (described below). If you are installing your own decoder (including Dapol Imperium decoders if purchased separately) the lighting is operated by the following decoder outputs:

N.B. Lighting control switches override functions

F0 (Flf & flr) Forward facing High Intensity lamp and Cab light. (Directionally controlled)

F1(Aux 1) #2 end Headcode box

F2(Aux 2) #2 end Headcode box

Switches operate as described in the separate DCC information sheet.

## **DCC Fitted and DCC sound fitted models:**

Please refer to the separate information sheets supplied with the relevant model.

## **Warranty:**

Please refer to the enclosed manufacturer's warranty sheet for service information and conditions.

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