



Data sheet: S0181 Class 45

Updated 02/19

## The function keys are assigned as follows:

F0 Lights On / Off, F1 Multi Start (see text) (Slot 1), F2 Horn 1 (Slot 3), F3 Horn 2 (Slot 4),  
F4 Straight Air Off / On (Slot 23), F5 Triple pump On / Off (Slot 19), F6 Coupling (Slot 8) F7 Uncouple (Slot 7),  
F8 Brake 1 (CV179), F9 Flange Squeal (Slot 15), F10 Guards Whistle (Slot 10), F11 Aux 1, F12 Aux 2,  
F13 Air dryer (Slot 9), F14 Fan (Slot 5), F15 Auto Uncouple Cycle,  
F16 Master Volume, Toggle On/Off to change or leave On for Mute.  
Random sounds are Fan & Compressor.

## Notes:

- 1) **F15 works great with KD couplings. Turning On will reverse the Loco, Uncouple and move away all at the press of the Key. Direction dependent.**
- 2) **All bare wires must be insulated to prevent decoder damage**
- 3) **F8** On when stationary, Loco brakes applied (Engine won't move)  
Off when stationary, Loco brakes released  
**On when moving**, Loco slows down as per (CV179) and comes to a stop where the brakes are applied.  
**Off when moving**, Loco returns to throttle position.
- 4) **Turning F1 On/Off** on the move will fade the sound In/Out. (Great for tunnels or fiddle yards)

## Getting the most out of your model.

We have created this project to further enhance your driving experience and allow you more interaction with your model.

## Driver training (DCC)

Select the address for the loco default is 03. When ready to start the engine press F5 fuel pump On, **F1 On** for a warm start, **F1 On / Off** for a failed start or **F1 On / Off / On** for a Cold Start. Wait for the loco to settle into an idle rhythm. Running lights on with F0 and or Aux 1/2. Press F4 On (brakes off), Sound horn with F2,F3 and increase throttle to digit 9/14 if running around a yard, or 15/30 if pulling a train on a small layout or 30 upwards on a large or continuous layout. Reducing or closing the throttle just a few digits will coast or return to running sound according to throttle position. If more power is required open up again, but be patient allow the sounds to play. If buffering up approx 2 inches in front of your wagon, coach, loco etc. Open throttle slowly wait for buffer contact and press F4 Off (Train brake on). Return throttle to zero wait for 5 sec and then press F6 coupling. Your train is now coupled and ready to depart. At the end of your running session return the throttle to zero and allow the loco to idle for approx 10 sec, before pressing F13 air dryer and then F1 for shut down. Wait 5 sec and turn off F5 & F13 when ready.

Have fun.

Caroline, Steve

(For further help & Advice please see our website: [www.southwestdigital.co.uk](http://www.southwestdigital.co.uk))