Connection Diagram : MyLocoSound MR603a using F outputs

The MyLocoSound unit is powered from the same battery and on/off switch as the receiver. Don't forget to fit a resettable fuse in the battery positive lead. The receiver motor output is connected to the MvLocoSound 'M' terminals so that the sound effect is modulated by the motor/loco speed (e.g. chuff rate for steam locos and engine revs for diesel locos).

Receiver F outputs are used to trigger sounds as these are switched to negative when on. If more than 4 sound triggers are required. P outputs may be used and require a 4k7 ohms series resistor to adapt the different max voltages at each side of the connection – 5V on the MyLocoSound trigger input and 3.3V on the P output.

Receiver configuration 2 (Tx22) and 3 (TX20) contain output settings for sound triggers:

Output **Micron Wiring** Configuration 2 (Tx22) S1 togale switch up (ch3 high) F1/A blue S1 togale switch down (ch3 low) F2/B areen Bind button pressed (ch5 low) F3/C pink

Configuration 3 (Tx20) F1 pressed (ch2 low) F2 pressed (ch4 low) Bind button pressed (ch5 low) Example trigger

engine start/stop (diesel), safety valve (steam) 2nd horn (diesel), bell (steam) whistle or horn

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Other outputs will require programming to configure an action suitable for triggering the sound card. Refer to the MyLocoSound manual for details of all 7 trigger inputs for your variant of the sound card. Refer to the MR603 programming table for details of how to configure a F or P output

The receiver connection layout is as viewed from the bottom of the PCB.

