

Connection Diagram : MyLocoSound with Tx21 or Tx22 & Rx65c or Rx66 using F outputs

The MyLocoSound unit is powered from the same battery and on/off switch as the Deltang receiver. Don't forget to fit a resettable fuse in the battery positive lead. The receiver motor output is connected to the MyLocoSound '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** or **P** outputs are used to trigger sounds. A **F** output may be connected directly to the MyLocoSound trigger input and operates the trigger when on. A **P** output operates the trigger when at 0V and requires 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.

The default receiver setup has the following outputs useful for lighting and sound triggers (any unused wires must be insulated or removed):

Output	Micron Wiring	R/C channel	Transmitter control and action	Prog	Example trigger
F1/A	blue	ch3 low momentary	S1 toggle switch down for 0V	3,9,1,3,1	engine start/stop (diesel), safety valve (steam)
F2/B	green	ch3 high momentary	S1 toggle switch up for 0V	3,10,1,3,3	2 nd horn (diesel), bell (steam)
F3/C	pink	ch5 momentary	press bind button to switch on		whistle or horn
P1	orange	auto-switch off throttle ch1			front LED & LED2
P2	turquoise	auto-switch off throttle ch1			rear LED

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 Rx65 or Rx66 programming table for details of how to configure a **F** or **P** output

The **P** and **F** connection layout is as viewed from the bottom of the PCB. The power and motor pads are different on Rx65 and Rx66 – refer to the diagram on the bag leaflet for the correct connection orientation.

