

## **MORTIMER RADIO CONTROL INSTRUCTIONS, SUPLIMENTARY TO GENERAL INSTRUCTIONS.**

This Mortimer has the added benefit of Radio Control for speed and direction. It uses a twin channel system linked to the steam regulator and the reversing lever. The loco is fitted with rechargeable batteries and transmitter is fitted with dry batteries. The switch for the locomotive radio control is on the top of the bunker, it is marked for "on" and "off".

Service the loco in the normal way and allow raise pressure to at least 40psi. Now switch on the transmitter and then the loco. Always do this in this sequence, never the loco first, just in case someone is on your frequency and the engine rushes off out of control.

Individually, check the movement of the system on the loco by moving either of the sticks, the left hand stick downwards to open the regulator, or the right hand stick, up or down for direction. As long as you have kept both loco and transmitter with good batteries there will be no problems. Now move the right hand stick in the desired direction of travel, up for reverse and down for forward, and gently move the left hand stick downwards to open the regulator; the loco will move off in the required direction. It may be jerky to start with because of condensed water in the cylinders from the last run, as explained in the normal instructions. This is OK, the easiest way to get rid of this is to run the loco backwards and forwards for a few yards until it is clear. The more you move the left hand stick downwards, the faster the loco will go. To slow down move the stick back upwards. To change direction, shut the regulator, the left hand stick, and move the direction stick, the right hand stick, fully in the opposite direction and then open the regulator again to the desired speed. The direction stick must always be fully down for forwards or fully up for backwards. There is a centring spring that acts as an emergency stop should you encounter any problems such as a derailment. Just take your finger off the stick and it will self-centre and the loco will immediately stop.

Carry on running the loco until the gas runs out, and if you wish to carry on running refill as described in the instructions. When not running it is best to first switch off the loco then the transmitter, this will save the batteries.

To charge the batteries in the loco you will find the fly lead in the bunker. Always charge the batteries for about 12 hours and before your first run when the locomotive is new give an initial charge of 15 hours. When changing batteries in the transmitter we always recommend using alkaline type for their longer life.