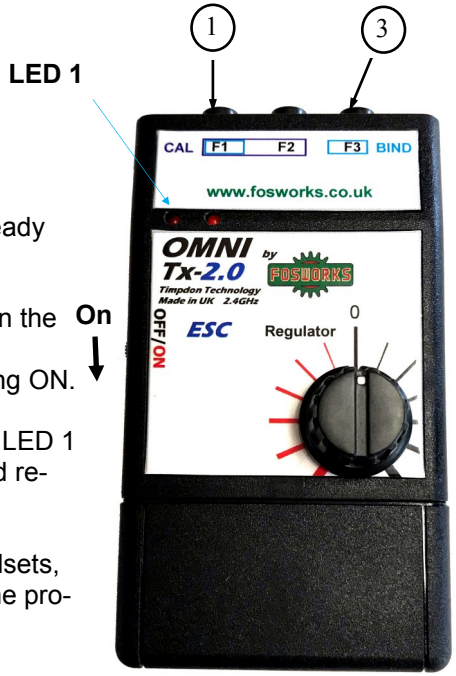
Binding Procedure.

Now simpler than ever!

1. Turn on the Receiver (or the model, if it's already fitted inside) then….
2. Hold down black buttons 1 and 3, then turn on the transmitter
3. Successful binding is indicated by LED 2 going ON.
4. Release the two buttons and the job is done. LED 1 goes solid to indicate that the Transmitter and receiver are linked.

Note: if you are binding to one of our older handsets, please see our website for a link to a video of the procedure.



Programming the OMNI system to suit your needs.

Your OMNI transmitter and receiver comes to you calibrated for a 90 degree swing. This can be set in the range of 0-135 degrees, the swing of a servo can be changed by reprogramming the receiver.

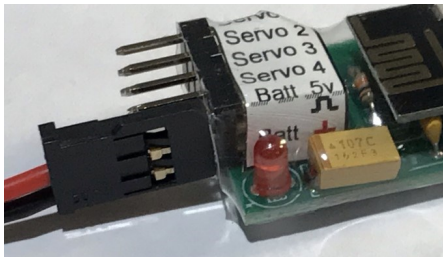
The OMNI R/C system is unique, in that when you wish to re-program it to suit the special needs for a particular loco, it is not the transmitter you are re-programming, but the receiver in the loco. The transmitter tells the receiver what is expected of it in the future, and it is the receiver that remembers it. In this way, one OMNI Tx-3.0 transmitter can control many different types of Live Steam locos, each with its own very different requirements.

It is possible to change all or just one of the servo movements. The start and stop position of each servo swing is adjustable. You can even reverse the servo swings.

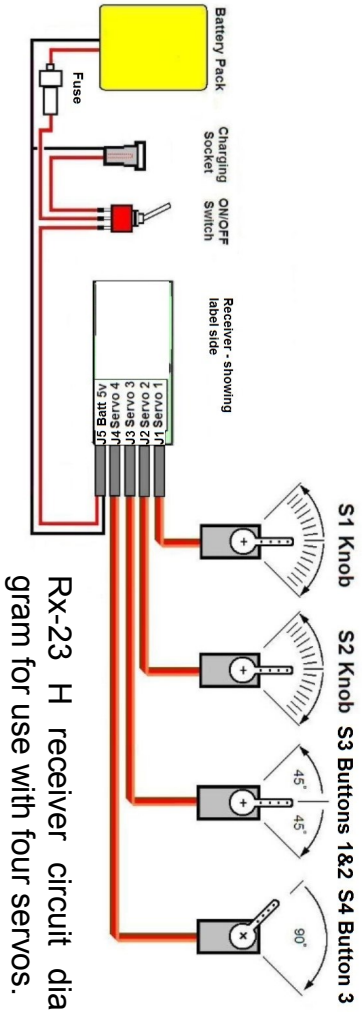
Follow the link on our website to see a video of the procedure.

For details of how to program this this receiver please go to your OMNI transmitter instructions or contact us by email on: Sales@fosworks.co.uk
or go to our website or send us a Stamped Addressed Envelope for a printed copy of the PDF file.

Receiver voltage: The FRx23 receiver is capable of operating between 3.7v and 10v but you must ensure also that the voltage is suitable for your servos. Please check their specification.



Connecting the power lead - red to centre, black (or brown) nearest to PCB. Note that Incorrect connection will damage the receiver. The spare pin can be used for telemetry feedback to handset. (Horizontal pins shown)



Rx-23 H receiver circuit diagram for use with four servos.

43.5x19x11mm plus connections

Up to 800 metre range
2.4GHz
Voltage input range 3.7-10V
boiler water level
Single channel telemetry ideal for
S4 two position
S3 three position,
S1 and S2 infinitly variable.
Four Servo Operation
Programmable
Transmitters
OMNI Tx-3.0 or Tx3.1
For use with

OMNI Rx-23 Receiver

Timpdon Electronics technology

By FOSWORKS
P.O Box 675
Blackburn, Lancs.
BB2 9QJ
Tel: 01254 814675

OMNI Rx-23

Programmable 2.4GHz Receiver
FOUR SERVO CHANNELS
With TELEMETRY

HORIZONTAL OR VERTICAL PINS
STANDARD OR LONG AERIAL