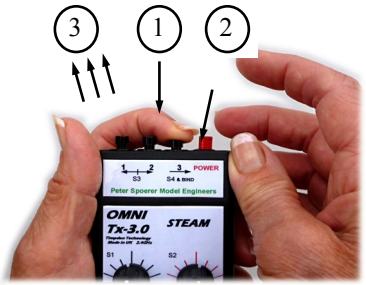
Binding Procedure. OMNI V1



As simple as 1. 2. 3. Read the Binding instructions below fully before you begin. You do not need a binding plug on the receiver, it binds automatically. The transmitter does all the work. The transmitter must be turned off to start the procedure

First turn on the receiver then….

Take hold of the OMNI transmitter with two hands, and hold the No. 3 button to start the binding procedure.

Keep pressing button 3 as you now turn the Transmitter on by pressing the red power button down, and then releasing it and then immediately release the bind button to start the binding process and then press and release the bind button two more times. One, Two, Three. When you now release the button a third time, the power light will stay on steady, and the binding procedure is complete. Stages 2 and 3 together should take 2 – 3 seconds. Watch this video to see how it's done:
https://www.youtube.com/watch?v=gPKrD2tHvUE

Binding Procedure. OMNI V2 - 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.

Programming the OMNI system to suit your needs.

Your OMNI Rx24 receiver comes to you all set to operate DCC electric trains. The default settings for the 12 functions are F1 - latched and all other functions - momentary.

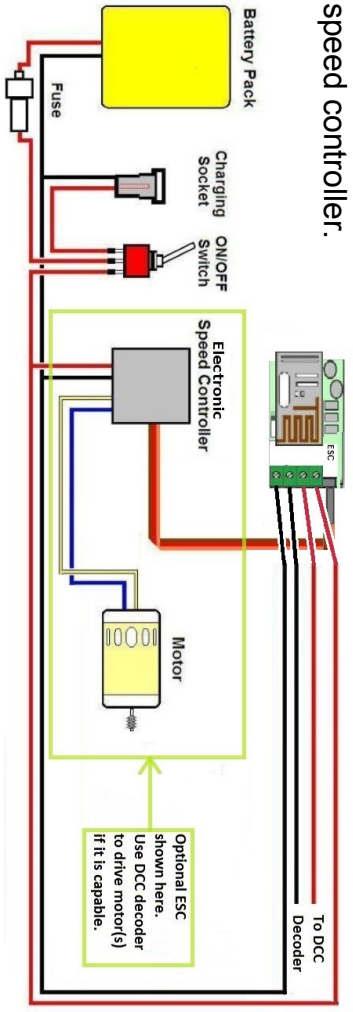
The OMNI R/C system is ideal, in that when you wish to re-program it to suit the special needs for a particular loco, it is not the transmitter you are re-programming, but the receiver in the loco. In this way, one OMNI transmitter can control many different types of locos, each with its own very different requirements, with no need for model memories in the transmitter.

It is possible to change all or just one of the function buttons from Momentary to latching - see your transmitter instructions for details.

The standard Rx24 is supplied to operate with DCC decoder address 03. Other values must be specified at the time of ordering.

The standard Rx24 does not have the ESC connection and is designed to operate the motors directly with the DCC decoder. If you specify the ESC option at the time of ordering, the Rx24 is supplied with the ESC connection and will power the motors through the ESC, the regulator setting is sent in parallel to the ESC and to the DCC decoder.

Rx-24 receiver circuit diagram for use with DCC decoder and optional speed controller.



For details of how to program 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 Address Envelope for a printed copy of the instructions.

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For use with
OMNI Tx-4 series and Tx-5
Series Transmitters

Programmable
12 Function Operation

2.4GHz

Up to 800 metre range
2A or 5A continuous load
Default decoder address 03
(other addresses can be supplied
on request)

OMNI Rx-24
2A or 5A
Receiver

P.O.Box 675
Blackburn, Lancs.
BB1 9DL
Tel/Fax. 0(44)1254
814675

OMNI Rx-24 (ESC)

Programmable 2.4GHz Receiver
For DCC decoders with optional ESC output