

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 FRx-24-7A Receiver then....

1. Take hold of the OMNI transmitter with two hands, and hold the No. 3 button to start the binding procedure.
2. Keep pressing button 3 as you now turn the Transmitter on by pressing the red power button down, and then releasing it.
3. You must now 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 super easy!

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. Keep the buttons held down until LED 2 comes on. After 2 seconds, release the two buttons and the job is done. LED 1 goes solid to indicate that procedure is complete.

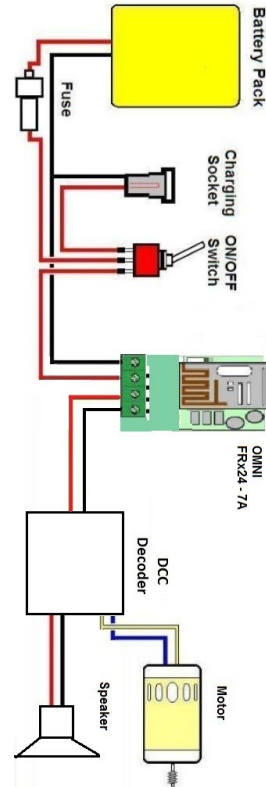
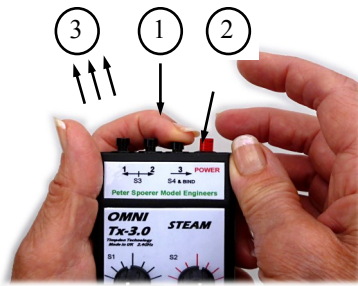
Programming the OMNI system to suit your needs.

Your OMNI Rx24-7A receiver comes to you all set to operate large scale DCC electric trains. The default settings for the 24 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 -7A is supplied to operate with DCC decoder address 03. Other values must be specified at the time of ordering.



Rx-24 receiver circuit diagram

Up to 800 metre range
7A short term load
Default decoder address 03
(other addresses can be supplied on request)

2.4GHZ

24 Function Operation
Programmable

For use with
OMNI Tx-4 series and Tx5 series
Transmitters

Receiver
OMNI Rx-24



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OMNI Rx-24 - 7A
Programmable 2.4GHz Receiver
For DCC decoders



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.