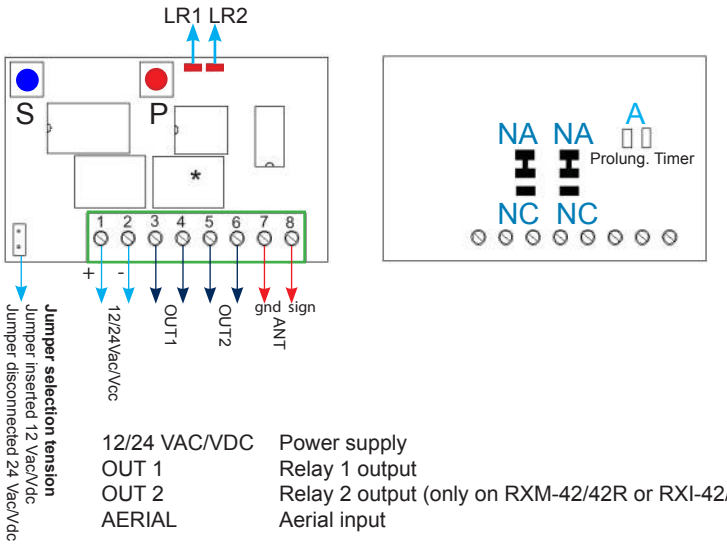
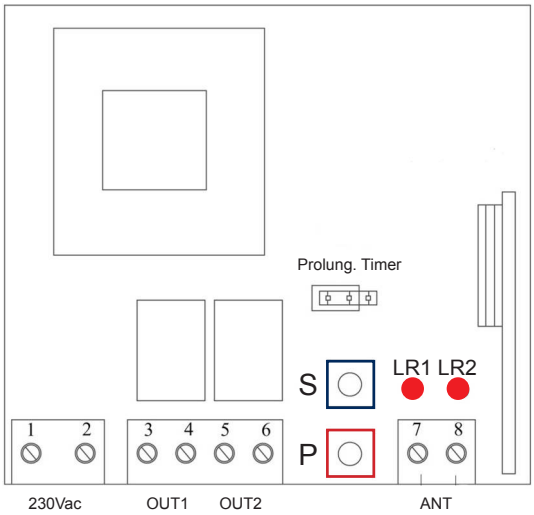
900RXI/M-41 900RXI/M-41R 900RXI/M-42 900RXI/M-42R



12/24 VAC/VDC	Power supply
OUT 1	Relay 1 output
OUT 2	Relay 2 output (only on RXM-42/42R or RXI-42/42R)
AERIAL	Aerial input

900RXM230-42



ENGLISH

STANDARD OPERATION

When powered up, the receiver performs aninternal test and leds LR1-LR2 emit two slow and two fast flashes to indicate that it is ready for the next phases.

STANDARD CODE SELF-LEARNING

The output to be programmed is selected by means of pushbutton P, or Out1 is entered automatically. At this point led LR (selected) emits a series of slow flashes for 10 sec. To indicate entry in the self-learning phase. In this interval, if the radio control is pressed self-learning of thecode is activated with the channel on which it is transmitted. If the code is memorised correctly, leds LR1, LR2 remain lit for 2 sec. After the first memorisation command, the leds flashfor a further 6 sec. On standby for a new memorisation command;if this is performed, they continue to flash for 6 sec. Otherwiseit exits the programming phase. If a previously memorised codeis entered during this phase, leds LR1 and LR2 flash quickly to indicate that the code has already been memorised.During the self-learning phase, each output canmemorise up to approx. 400 codes.E.g. an initial user can memorise channel 1° of the radio controlin output Out1 of the receiver, and a second user can memorise channel 2°, 3° or 4° on the radio control in the same output (Out1) of the same receiver.

OUTPUT PROGRAMMING

The selection push button S enables the user to select the output to be programmed (Out1,Out2), and displays the latter by means of the indicator leds LR1 and LR2. Each time pushbutton S is pressed, a different output is selected, changing from LR1 to LR2, in the sequence LR1-LR2-null-LR1-..... After selecting the output to be programmed, programming pushbutton P enables entry of the output as monostable (1 flash of led LR), bistable (2 flashes of led LR), timed (3 flashes of led LR) and ON-OFF (4 flashes of led LR). Pushbutton P varies the number of flashes of an output and thus its programming. Therefore outputs can be programmed differently from one another. E.g. Out1 set as impulse type, Out2 set as step.
N.B. If no output is selected by means of pushbutton S, pushbutton P automatically programs the first output when pressed.

CODE DELETION

Ex: a first user can store the 1st channel of its transmitter, receiver in output Out1, a second user may store the 2nd, 3rd or 4th channel of its transmitter, in the same output Out1 the same receiver.
Pressing the P button and then the button S you enter the deletion, the LEDs LR1 LR2 will issue a series of fast double flashes for 10 sec. In this interval, if the radio control is pressed, the code can be deleted from the memory. If deletion is successful, leds LR1 and LR2 remain lit for 2 sec.
Unlike the code entry phase, the receiver exits the deletion phase as soon as the code is deleted.
To delete another code, the same procedure must be repeated from the start.
N.B. The deletion process removes the code of the specific radio control from the receiver memory, as well as all its channels (if stored). For example, if deletion is performed with channel 1 of a radio control channels 2-3 and 4 are also deleted automatically.

RESET

If the unit is powered up and programming pushbutton P is pressed and held for ten seconds at the same time,the entire memory of the integrated unit can be deleted.
When the 10-second interval elapses leds LR1 and LR2 light up in sequence for 1 minute to indicate the time interval required to completely reset the memory.
N.B. On receivers RXM-41 - RXM-41R and RXI-41 - RXI-41R, as led LR2 is not fitted (which helps to indicate when the resetphase is entered), special attention must be paid to ensure that the 10 second interval elapses to reset the card.

CODE SELF-LEARNING VIA RADIOONLY FOR
RXI-41 – RXI-42 – RXM-41 – RXM-42 – RXM230-42

The code self-learning process is possible via radio, by following a pre-set sequence.
This sequence enables the memorisation of a new radio control when one is already memorised.

FASE 1 With a radio control already memorised, press for at least 15 consecutive seconds.

FASE 2 Press once with the radio control to be memorised (within a maximum extra time interval of 10 seconds).

If the sequence is performed correctly the memorisation phase is complete.
The receiver automatically exits programming via radio:
- when the maximum time interval of 10 seconds elapses (during phase 2) when no is command given
- when a new radio control has been memorised.

If more than radio control is to be memorised, the pre-set sequence must be performed each time.
The microcontroller is able to recognise the radio control already memorised, and which output and setting it has (monostable, bistable, timed, ON-OFF) to enable allocation of the new radio control on the same output with the same settings.
E.g. On radio control A channel 2° is memorised on output Out 2 as step; on the new radio control channel 1°, 2°, 3° or 4° can be memorised via radio on the same output as radio control A Out 2 and with the same setting (step).

STANDARD OPERATION OPTIONS

BISTABLE OUTPUT

If the output is set as bistable, on each radio control command the output changes status. The output has no magnetic retainer and therefore is deactivated in the event of a power failure and the relay is activated.

TIMED OUTPUT

The timer interval is fixed at 20 seconds; this interval may be extended to 40 seconds (by soldering bump contact A).

ON-OFF OUTPUT

If the output is set as ON-OFF channels 1° and 2°, 3° and 4° of the transmitter must be memorised simultaneously on the required output.
In this way channel 1° or 3° of the radio control will always activate ON, while radio control channel 2° or 4° will always activate OFF.

SELECTION JUMPER

Selection of voltage at 12Vdc/Vac.

AERIAL

To improve radio control reception and capacity a suitable aerial should be installed.
To exploit performance to the full, the aerial should be secured to the highest possible point on a suitably sized metal support. A cable with impedance of 50 ohm (e.g.RG58) should be used to connect the aerial and receiver. This cable should not exceed 10 metres in length.

DISPOSAL

This product is composed of various components which may in turn contain pollutants. Do not dispose of it in the environment! Find out about the method for recycling or disposing of the product in compliance with current local laws

SELF INSTALL - NEED TECHNICAL ASSISTANCE?

OPTION 1: DIRECT WITH THE SERVICE DESK – QUICKEST AND MOST EFFECTIVE METHOD

Submit your enquiry direct with the service desk at – service@automaticsolutions.com.au
The service desk has the most experienced staff in Australia to help with your problem but they need your help.

- **Describe your problem in detail and as clearly as possible. Don't forget to include a telephone number.**
- **Be certain to detail which model or models of you are working with.**
- **Send photos of the installation – they love photos. The people at the service desk are good but they are even better when they can see the installation. Send photos of the overall scene so they can see the entire installation. Also send photos of the wiring to the control board and any other part of the installation you think is relevant.**
- **Send video if appropriate. Smartphone's these days take remarkably good video in small file sizes which can be emailed in a moment. If your problem needs a video to show the issue please feel free to send it.**

NOTE: THIS IS BY FAR THE FASTEST AND MOST SUCCESFUL WAY TO SOLVE YOUR PROBLEM
PHOTOS AND VIDEOS ARE THE NEXT BEST THING TO BEING THERE

OPTION 2: LODGE YOUR ENQUIRY LOCALLY - SLOWER BUT CAN STILL BE EFFECTIVE

Make contact with the store of purchase. Branch staffs are typically not technicians and dependent on their length of service will have varying degrees of technical knowledge. If they cannot help however they will certainly either source help locally from their technicians or make contact with the service technicians on your behalf.

OPTION 3: SERVICE CALL WITH AUTOMATIC SOLUTIONS TECHNICIAN – SLOWEST METHOD

If you fall within the local branch service area it may be possible to book a local technician to look at your installation. Wait times will vary dependent on local workloads. The cost is a service fee which includes the first half hour and the hourly rate thereafter. If any Automatic Solutions provided parts are found to be defective and within warranty these will be provided free of charge.
(NOTE: If you suspect that any parts are defective and within warranty you may wish to consider option 4)

A note on this option: If you decide on this option you will be asked to sign an "authorisation to proceed" which will provide legal authority and payment security. This form has three options available of which only the first two are available to you. The third option is for warranty repairs only for full install customers. Self install customers requiring warranty only service need to refer to option four below.

IMPORTANT: IN SHORT THIS OPTION WILL INCUR CHARGES

OPTION 4: RETURN THE PRODUCT IF BELIEVED TO BE FAULTY

As a self install customer who has purchased product if you believe the product to be faulty rather than an installation or site problem you have the option of returning the product for evaluation and to exercise your right to a replacement, repair or refund as applicable. All returned product is forwarded immediately to the service technicians for evaluation and response. There are two main methods available to return product –

- **Direct to the service centre – this is the quickest method as it cuts out the branch delay**
- **Via the branch of purchase – slower because of the delay at the branch**

When choosing this option you need to complete a product return form. This form gives you all the information on procedure involved and where to send to. These are available at the branch of purchase, can be emailed to you (contact your branch), or available here - http://automaticsolutions.com.au/page/warranty.php