



Gate and Garage Door Automation Equipment

## PROGRAMMING INSTRUCTIONS

### RX1-DL

### SINGLE CHANNEL UNIVERSAL LEARNING RECEIVER

#### Features:

- Compatible formats RX1 -DL model to use

French code	RX3-DL 404 Mhz only
National	All frequency models
Motorola	All frequency models
ET Remcall	All frequency models
Centurion Smart	RX3-DL 434 MHz only
ET Coroma	RX3 - DL 434 MHz only
- 10 x Standard format\*\* memory locations &
- 1 x French code memory location.
- Latch or non-latch relay output.
- Programmable 0.25 to 60 sec delayed pulse output mode
- Relay contact rated: - 2A/12vdc, 2A/220vac
- Potential free - Common, normally open and closed contacts.
- Required power supply: - 12 VDC or 16 VAC input.

POWER UP - RX1-DL

#### FIRST TIME USE, ERASE ALL CODES

#### ERASING ALL CODES

Place jumpers across two pins of each 'D', 'L' & 'P'

Press any transmitter, until LED flashes rapidly.

Remove all jumpers: - 'D', 'L' & 'P'

Remove the power for 5 seconds.

All codes will be deleted on **power -up**.

#### TO LEARN A CODE

Place jumper across two pins 'P'

Press required transmitter button until receiver LED flashes (+/-3 sec for French code)

1 Flash	= memory location 1
2 Flashes	= memory location 2-9
10 Flashes	= memory location 10 (When memory is full, additional codes will overwrite this location only.)
7 Flashes	= French code memory location (Additional French codes will overwrite this location only.)

Remove jumper 'P'

To learn additional codes, repeat steps 1, 2 & 3 for each code

#### DELAY ON TIME (IF REQUIRED)

Place jumper across two pins 'P'

Place jumper across two pins 'D'

Press transmitter button.

Receiver LED will flash twice then remain 'on'

Count off delay 'on' time (0.25 to 60sec)

Then remove jumper 'D' (For 0.25sec, short jumper 'D' momentarily)

Remove jumper 'P'

Place jumper and leave across two pins 'D'

#### LATCH MODE (WHEN REQUIRED)

Place and leave jumper across two pins 'L'

- \*\* Standard formats:
- National 12way binary inverted or non-inverted,
  - Motorola 9way trinary inverted or non-inverted,
  - National 32bit (Coroma)
  - National 40bit inverted (Smart)
  - National 40bit (ET-Remcall)



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## PROGRAMMING INSTRUCTIONS

### RX3 –DL

### Three channel universal learning receiver.

#### Features:

- Compatible formats RX3 –DL model to use

French code	RX3-DL 404 Mhz only
National	All frequency models
Motorola	All frequency models
ET Remcall	All frequency models
Centurion Smart	RX3-DL 434 MHz only
ET Coroma	RX3 – DL 434 MHz only

- Latch or Non – latch/pulse relay output
- Programmable 0.25 to 55 sec delayed pulse length mode per channel.
- Relay output – Potential free - Channel 1 = N/O & N/C  
Channel 2 & 3 = N/O
- Relay contact rated:- 5A/12Vdc 5A/220Vac
- Required power supply: – 12 -24 Vac/dc

#### **MASTER ERASE (RESET TO FACTORY DEFAULT)**

**While** pressing **both CH 1 & CH 2** buttons, **power up** the receiver wait for the **LED** to begin **flashing**.  
**Release** the 2 buttons and **remove** the **power**.  
Wait **5 sec**.  
All codes will be deleted and outputs will reset to 0.25 sec. non – latch/pulse on power – up.

#### **TO LEARN A CODE FOR NON-LATCH/PULSE MODE**

**While pressing** the required **channel** button on the receiver, **press** the required **button** on the **transmitter**, **wait** for **LED** on the receiver to **flash**. (+/- 3 sec for French code)

#### **TO LEARN A CODE FOR LATCH MODE**

**While pressing** the required **channel** button and the **LT button** on the receiver, **press** the required **button** on the **transmitter**, **wait** for **LED** on the receiver to **flash**. (+/- 3 sec for French code)

#### **TO LEARN DELAYED PULSE LENGTH TIME**

**With** the **jumper** shorting **across** the **2 pins** marked **delay**, **press and hold** the required **channel** button.  
**Release** the **channel** button at the **required** amount of **LED flashes**. (LED flashes **once per second**. Max. 55 sec.)  
Without removing the jumper you can now program another channel.  
**Remove Jumper** when completed.