

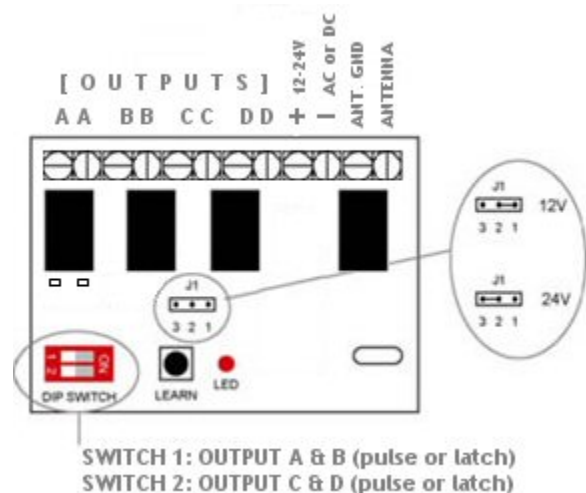
# controlFreq

## ARX4 868Mhz Rolling Code Receiver Guide

The ARX range have an automatic learn function which eliminates the need to open the enclosure to add new remote controls. An existing remote control is used to put the receiver into learn mode by pressing A & B simultaneously for 5 seconds. The new remote control button is then pressed for a few seconds and the process is complete. The receiver exits programming mode after 10 seconds.

### TERMINAL CONNECTIONS

- A: N/O CONTACT (solder point on pcb back for N/C)
- A: COMMON
- B: N/O CONTACT (solder point on pcb back for N/C)
- B: COMMON
- C: N/O CONTACT (solder point on pcb back for N/C)
- C: COMMON
- D: N/O CONTACT (solder point on pcb back for N/C)
- D: COMMON
- 12 or 24V SUPPLY: (+) POSITIVE INPUT (if DC used)
- GND: (-) POWER SUPPLY NEGATIVE INPUT (if DC used)
- ANT: EXTERNAL ANTENNA INPUT
- GND: EXTERNAL ANTENNA GROUND



### IMPORTANT: Input Voltage Selector (J1)

Always check this setting before applying power to the unit. The unit works on 12 or 24V AC or but the selector must be moved if you want to use 24V.

The link is set on 12V by default. Change to 24V by moving the jumper to opposite pin. (see above)

### REMOTE CONTROL LEARN MODES

**1. ONBOARD LEARN BUTTON** (see image above right)  
To add remote controls to the receiver memory...

1. Press it momentarily and the red LED will light
2. Press the remote control button you want to set  
- The LED will flash 3 times to confirm
3. Repeat the procedure for up to 200 transmitters



**2. AUTOMATIC LEARN MODE**  
To add remote controls to the receiver memory...

1. Press A & B of a working remote control for around 5 seconds (the receiver will enter learn mode indicated by the red LED switching on)
2. Press the new remote control button you want to set

- *The LED will flash 3 times to confirm*

3. Repeat the procedure for up to 200 transmitters

**Note:** If a transmitter is already in the receiver's memory, the led will flash quickly 5 times indicating it cannot add it again.

#### **DELETE ENTIRE MEMORY**

To delete the entire memory of the receiver, press and hold the learn button for 10 seconds

#### **TECHNICAL SPECIFICATIONS**

Input Voltage: 12-24 AC or DC Rating: 24W Input Power: 0.4W Frequency: 868. 35Mhz Type: Supersonic heterodyne rolling code

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