

# N1-Frequency Conversion Options

## Overview:

Some opener systems can experience interference from other devices which stop the remote from operating. This is not confined only to ATA/B&D products but all remote control devices.

This will allow signals to be received by a extra receiver RX2 kit at a 303MHz ATA format. To be installed by a qualified Technician, seek technical support from Customer Service prior to installation or the RX2 fact sheet. This kit is in limited supply and has been specially priced.

## Order: Part number # 00957 and includes;

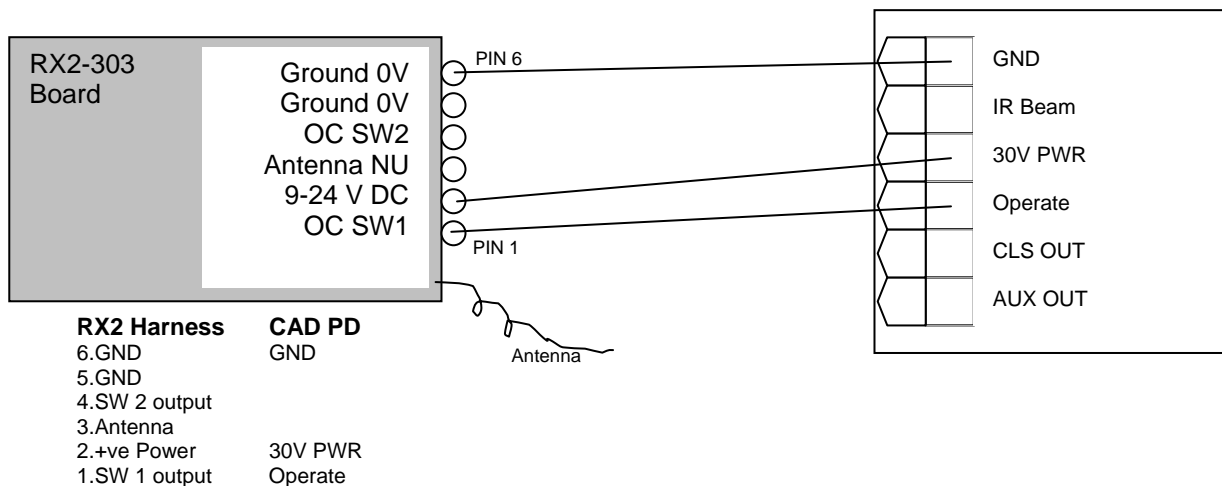
- Qty 1 # 00959 RX 2v2 Receiver, modified to 303MHz
- Qty 2 # 01203 Transmitter PTX-4 303MHz
- Qty 1 # 01905 Cable harness
- Qty 1 # 059128 Plastic Enclosure

For extra transmitters please order extra # 01203

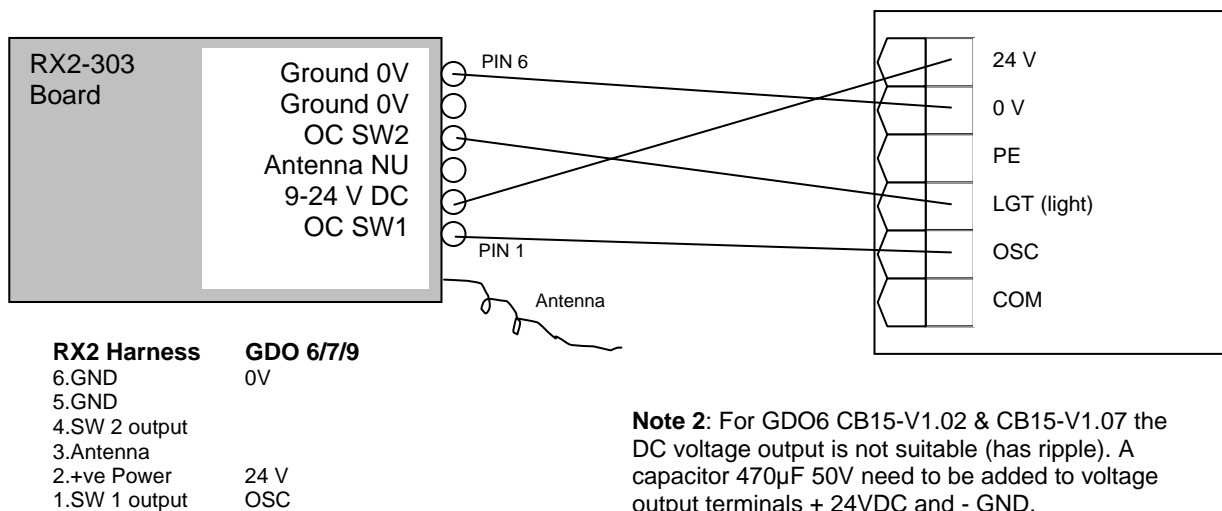
**Note 01:** The wiring harness may have colour variation. For some models the connectors need to be cut off and follow the wiring as below.

**Note 02:** The 303 kit does not have the same range and the 433 due to restricted regulations. The antenna is a green wire and has a length of 230mm.

## RDO-1, CAD-PD:



## GDO-6, GDO-7, GDO-9:

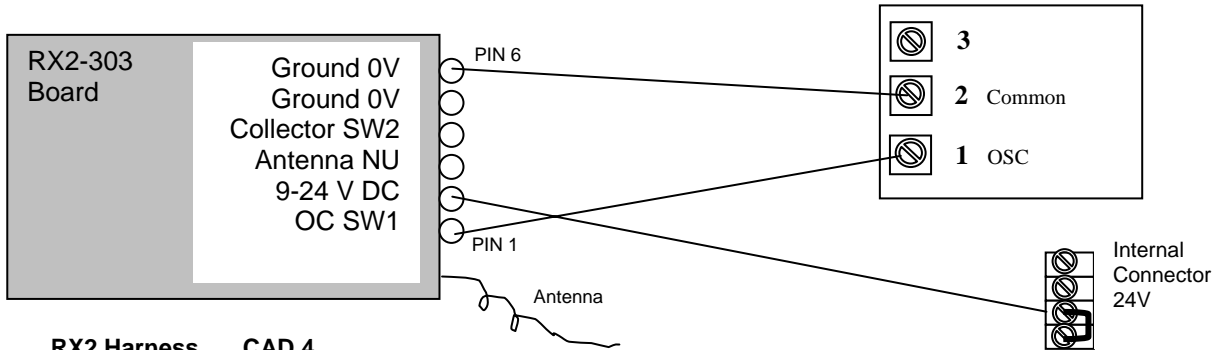


**Note 2:** For GDO6 CB15-V1.02 & CB15-V1.07 the DC voltage output is not suitable (has ripple). A capacitor 470µF 50V need to be added to voltage output terminals + 24VDC and - GND.



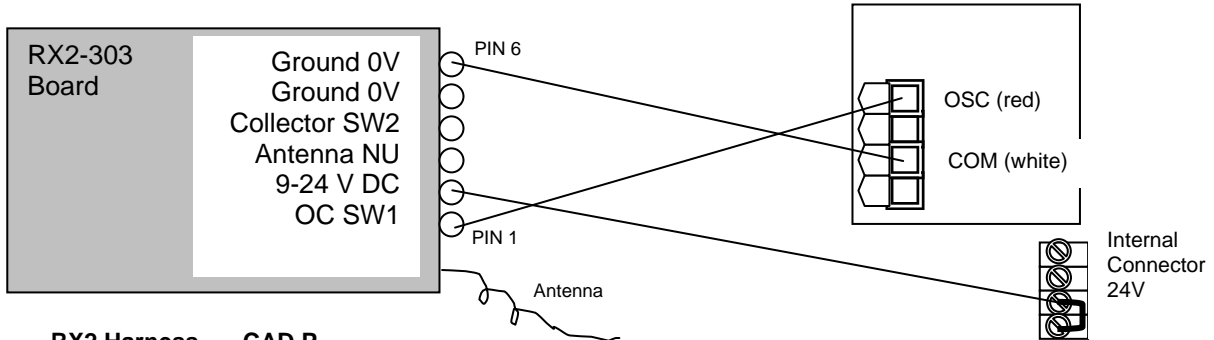
# Sales & Application Note

## CAD-4:



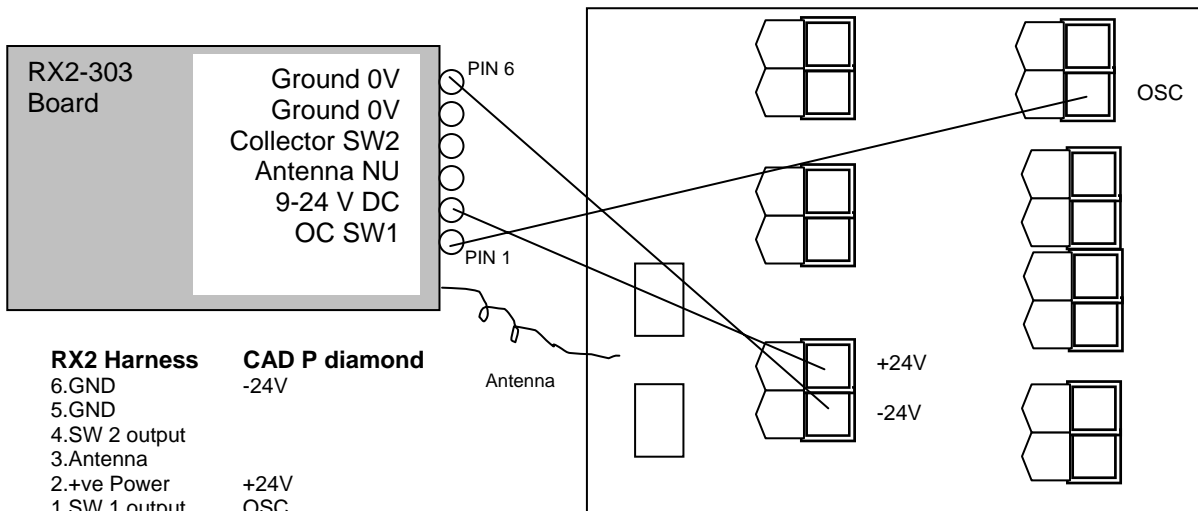
<b>RX2 Harness</b>	<b>CAD 4</b>
6.GND	2. Common
5.GND	
4.SW 2 output	
3.Antenna	
2.+ve Power	24V
1.SW 1 output	1. OSC

## CAD-P:



<b>RX2 Harness</b>	<b>CAD P</b>
6.GND	COM (white)
5.GND	
4.SW 2 output	
3.Antenna	
2.+ve Power	24V
1.SW 1 output	OSC (red)

## CAD-P diamond:

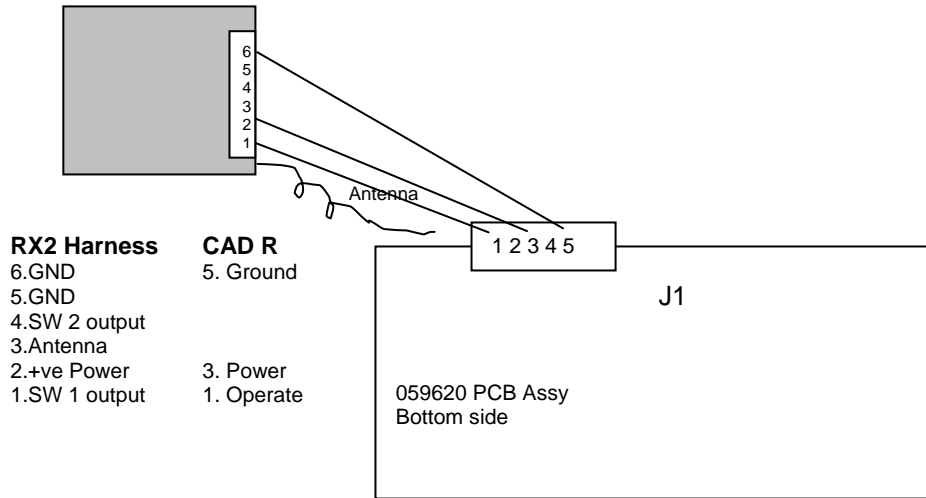


<b>RX2 Harness</b>	<b>CAD P diamond</b>
6.GND	-24V
5.GND	
4.SW 2 output	
3.Antenna	
2.+ve Power	+24V
1.SW 1 output	OSC

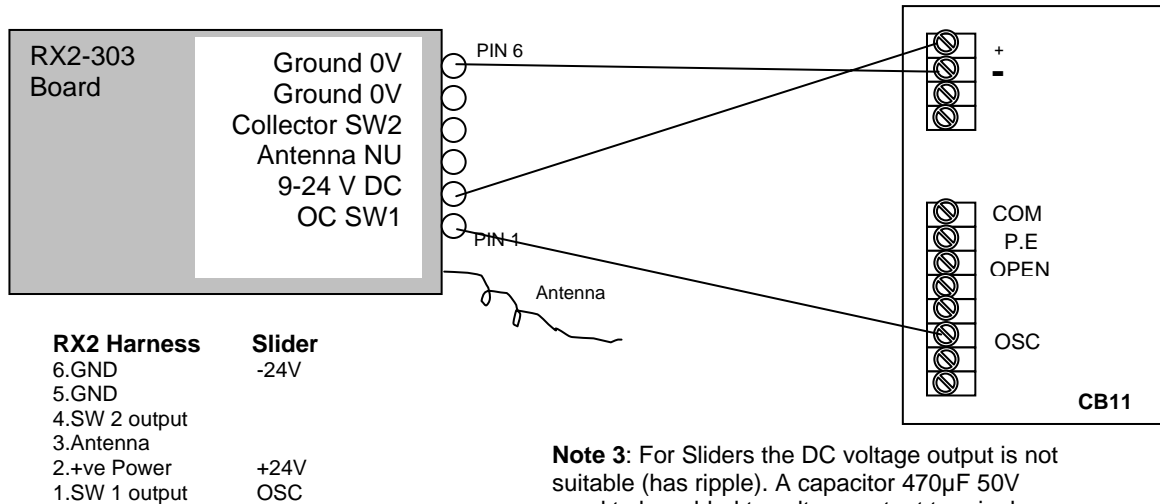
## CAD-5, CAD-R:

## Sales & Application Note

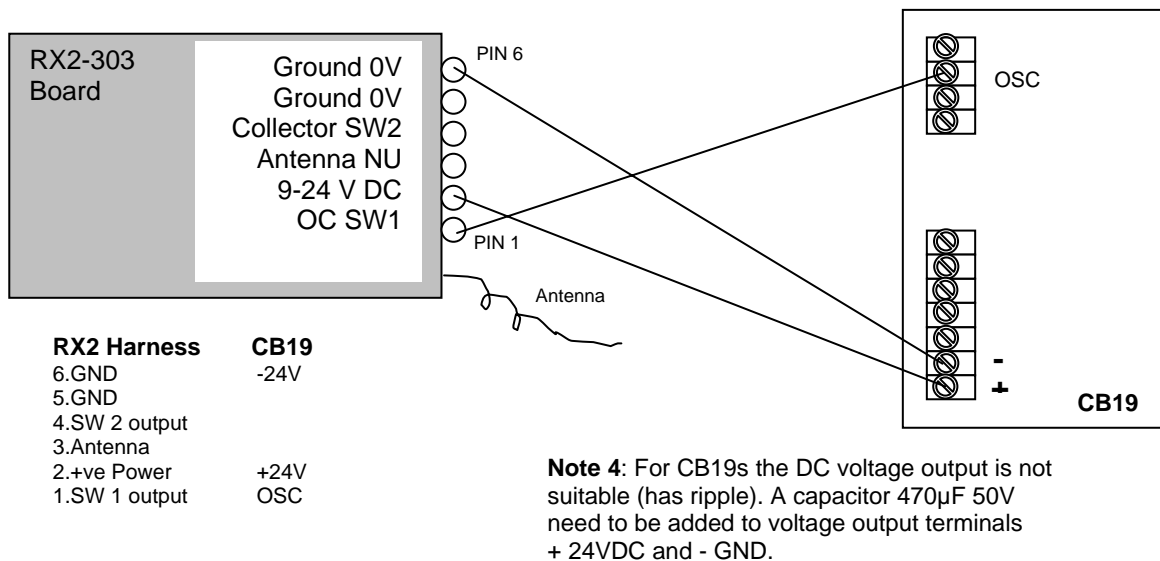
An extra part is required for this connection, J1 terminal block #059690



### Slider V24, V24MS:



### Old style gate openers (CB19s):



## Sales & Application Note

### OPERATION

The RX-2 receiver has transistors on board which provide an open collector contact for controlling virtually any electronic garage door or gate.

The designated controls are as follows:

SW-1 - Door open/stop/close or gate full access.

SW-2 - Courtesy light or gate pedestrian access.

### CONNECTING RECEIVER TO CONTROL BOARD

#### o ATA control boards

1. Turn power off.
2. Remove existing PE Shunt (if present).
3. Connect PE Shunt plug to PE input.
4. Connect plug with three wires to O/S/C input.
5. Turn on power

#### o Non ATA control boards use the following wiring connection:

**PIN 1** - Open Collector for SW1

**PIN 2** - 9-24V DC +

**PIN 3** - Not connected (antenna on 27MHz model)

**PIN 4** - Open Collector for SW2

**PIN 5** - Ground 0V

**PIN 6** - Ground 0V

### STORING TRANSMITTER CODE

Make sure to install the battery in the transmitter correctly.

1. Press and hold SW1 or SW2 on the receiver board.
2. Press the transmitter button you would like to use to control the device for two seconds.
3. Release and pause for two seconds. Press the same button again for two seconds.
4. Release SW button.
5. Press the transmitter to test operation.

**Note:** To remove a single transmitter's code from the receiver memory repeat steps 1-5 above.

### DELETING ALL STORED TRANSMITTER CODES

1. Turn the power off to the receiver.
2. Press and hold SW1 button.
3. Turn the power on again, while holding SW1. The Coding LED will illuminate to indicate that the receiver memory has been cleared.
4. Release the button. All the stored codes should now be deleted. Confirm this by pressing the transmitters previously used to operate the device. There should be no response.