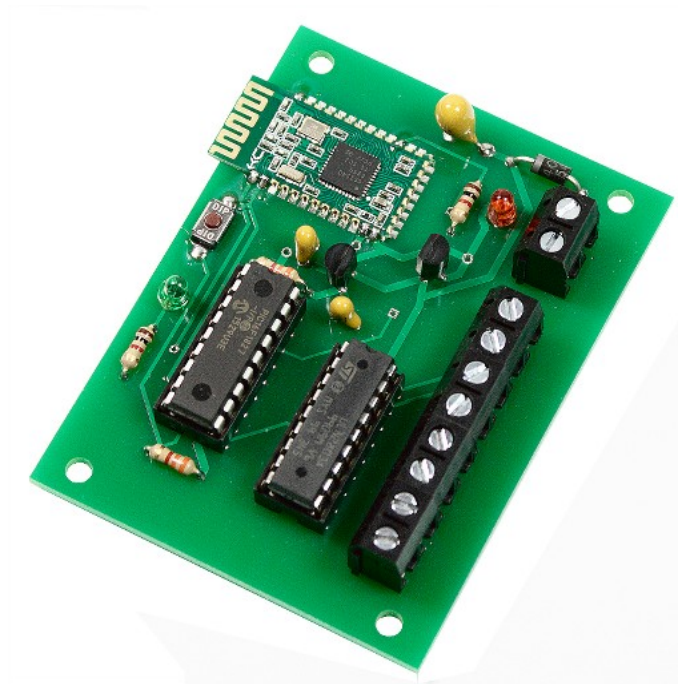


# MXRC4

## 8 CHANNEL BLUETOOTH 4.0 REMOTE CONTROL HARDWARE MANUAL

**Switch the lights on and off.  
Open and close the garage.  
Just using your Android mobile phone.**



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# MXRC4

## 8 CHANNEL BLUETOOTH 4.0 REMOTE CONTROL HARDWARE MANUAL

Software available for Android mobile phones  
for unlimited number of MXRC4 modules.

**iPhone compatible (min. 4S).**

Fully configurable Android application.

Secure: 20 characters alphanumeric secure code

**Android App on Google Play**

Power supply (not included):  
unregulated 12V/DC 100mA

Output: open collector

This card can be used with different Velleman® relay cards  
(such as K8056, VM129, ...) or other relay cards using open collector.

The manual is available on our website

<http://www.mobotronix.ie>

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

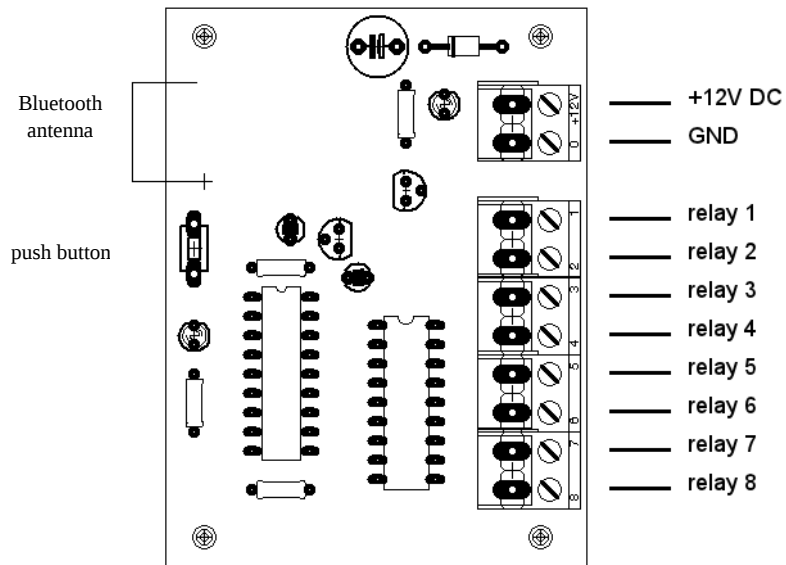


# MXRC4

## 8 CHANNEL BLUETOOTH 4.0 REMOTE CONTROL

### HARDWARE MANUAL

#### CONNECTION



#### NOTES

# MXRC4

## 8 CHANNEL BLUETOOTH 4.0 REMOTE CONTROL HARDWARE MANUAL

### OPERATING INSTRUCTIONS

- factory settings
- Bluetooth device name : MXRC4\_BT
  - secret code (alphanumeric : 0-9, A-Z, a-z) :  
123456789ABCDEFGHIJK
- 

- push button
- press button during power on : sets the module to factory settings and programs the HC-08 Bluetooth module
  - press button during operation (after power on) : all relays (1 – 8) are switched on and off
- 

- red LED
- blinking : no Bluetooth connection
  - switched on : connected to a Bluetooth device
- 

- green LED
- on during normal operation
  - off during reload factory settings, after blinks 5 times
  - blinks 5 times after Bluetooth disconnection
  - blinks to confirm change of secret code (has to be confirmed by pressing the push button) – if Bluetooth device disconnects during the confirmation process, secret code will not be changed
  - blinks during 20 seconds if secret code is wrong
- 

- reload factory settings
1. press button during power on until green LED starts blinking
  2. release button, green LED stays on
  3. wait until green LED blinks 5 times and goes on
  4. secret code is 123456789ABCDEFGHIJK, and the Bluetooth device name is MXRC4\_BT
- 

- security
- 20 characters alphanumeric secure code
  - how to set secret code : our free Android application needed
  - the secure code is transmitted only once during the connection
  - if the secure code is wrong, the green LED starts blinking and MXRC4 is blocked during 20 seconds