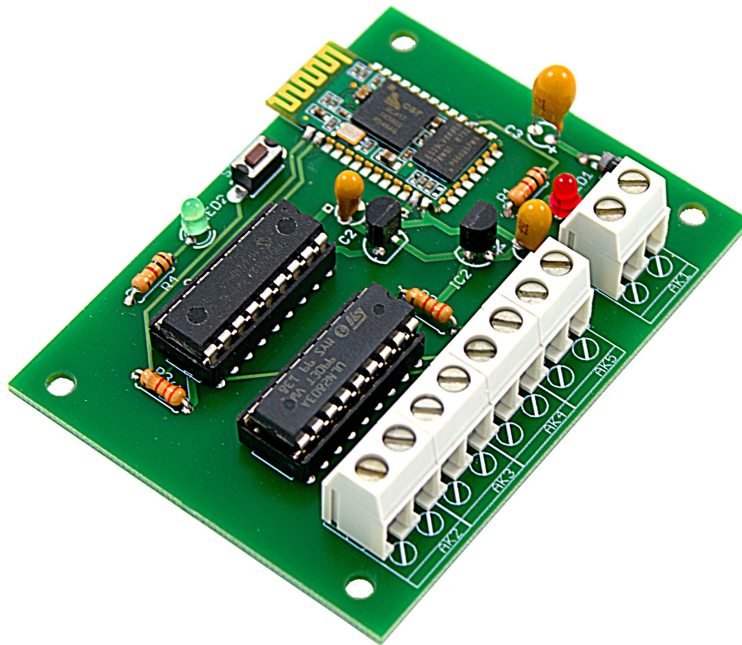


# MXRC1Open

## 8 CHANNEL BLUETOOTH REMOTE CONTROL HARDWARE MANUAL

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



Mobotronix Limited  
15B Plaza Office Suites  
Headford Road  
Galway  
Ireland



Phone +353 91 423432  
Fax +353 91 435259  
E-Mail [sales@mobotronix.ie](mailto:sales@mobotronix.ie)  
[www.mobotronix.ie](http://www.mobotronix.ie)



# **MXRC1Open**

## **8 CHANNEL BLUETOOTH REMOTE CONTROL HARDWARE MANUAL**

**MXRC1Open is an MXRC1 for developers.  
Programming information available on our website.**

Software available for Android mobile phones  
for unlimited number of MXRC1Open modules.

Fully configurable Android application.

Secure: 4 digits for pairing + 8 digits secure code

**Android Apps 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.

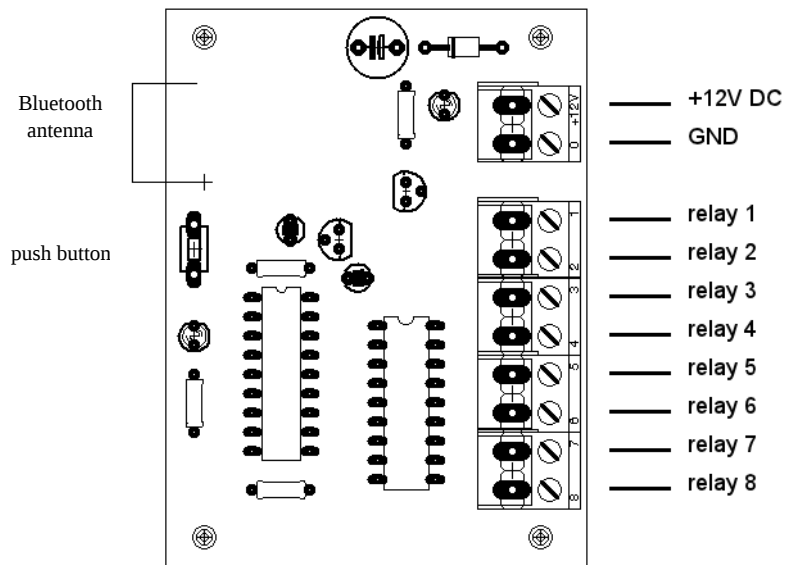


# MXRC1Open

## 8 CHANNEL BLUETOOTH REMOTE CONTROL

### HARDWARE MANUAL

#### OUTPUT CONNECTION



In case of connection problems a 20cm long wire can be soldered to the Bluetooth antenna. This increases the operating distance.

#### NOTES

# MXRC1Open

## 8 CHANNEL BLUETOOTH REMOTE CONTROL

### HARDWARE MANUAL

#### OPERATING INSTRUCTIONS

- factory settings
- Bluetooth pairing PIN : 1234
  - Bluetooth device name : MOBOTRONIX\_BT
  - secret code (hexadecimal) : 12345678
- 

- push button
- press button during power on resets Bluetooth PIN and secret code
  - press button during operation : all relays (1 – 8) are switched on and off
- 

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

- green LED
- off during normal operation
  - on during reload factory settings
  - blinks 20 times 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 off
  4. Bluetooth PIN is now 1234, secret code is 12345678, and the Bluetooth device name is MOBOTRONIX\_BT
- 

- security
- 4 digits Bluetooth PIN (0000 – 9999) for pairing
  - how to set PIN : our free Android or your own application needed
  - 8 digits secure code (00000000 – FFFFFFFF)
  - how to set secret code : our free Android or your own application needed
  - the secure code is transmitted as a character string
  - if the secure code is wrong, the green LED starts blinking and MXRC1Open is blocked during 20 seconds