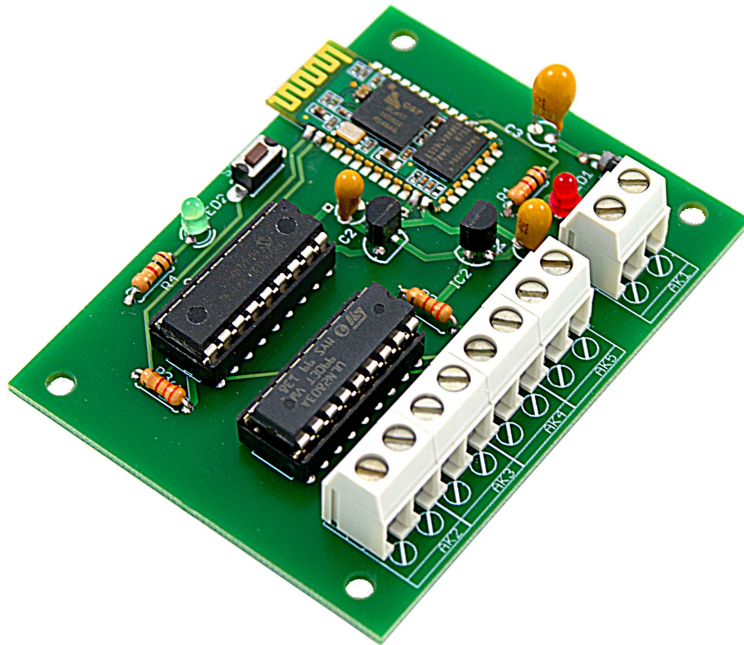


MXRC2

8 CHANNEL BLUETOOTH 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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8 CHANNEL BLUETOOTH REMOTE CONTROL HARDWARE MANUAL

MXRC2 is for developers.
Programming information available on our website.

Software available for Android mobile phones
for unlimited number of MXRC2 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>

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.

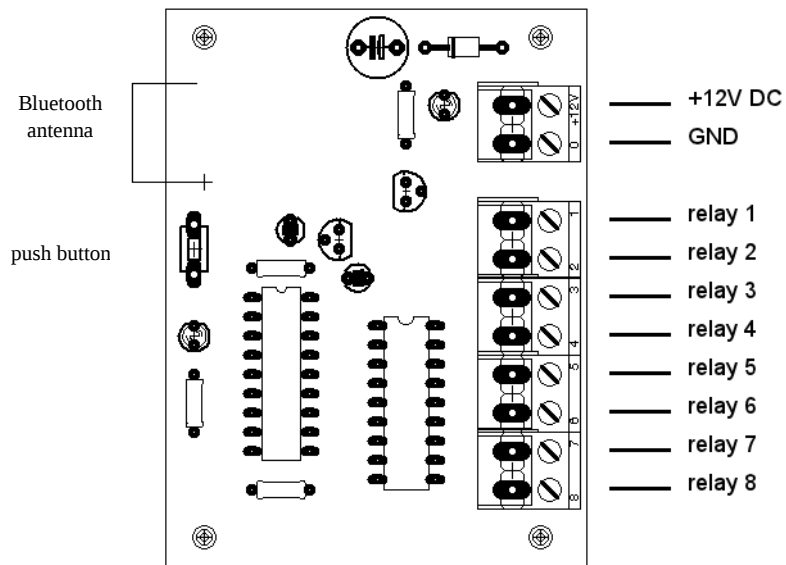


MXRC2

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

MXRC2

8 CHANNEL BLUETOOTH REMOTE CONTROL HARDWARE MANUAL

OPERATING INSTRUCTIONS

- factory settings
- Bluetooth pairing PIN : 1234
 - Bluetooth device name : MXRC2_BT
 - secret code (alphanumeric) : 12345678ABCD
-

- 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
- on during normal operation
 - off during reload factory settings
 - 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 goes off
 3. wait until green LED blinks 5 times and goes on
 4. Bluetooth PIN is now 1234, secret code is 12345678ABCD, and the Bluetooth device name is MXRC2_BT
-

- security
- 4 digits Bluetooth PIN (0000 – 9999) for pairing
 - how to set PIN : our free Android or your own application needed
 - 12 character alphanumeric secure code (ex. 01234ABcdeKL)
 - 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 MXRC2 is blocked during 20 seconds