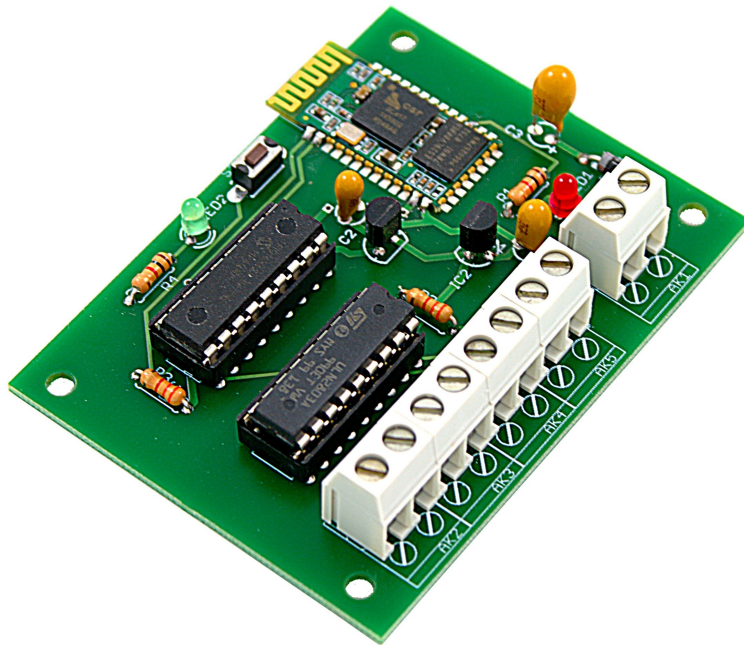


MXRC1E

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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MXRC1E

8 CHANNEL BLUETOOTH REMOTE CONTROL HARDWARE MANUAL

Software available for Android mobile phones
for unlimited number of MXRC1E 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.

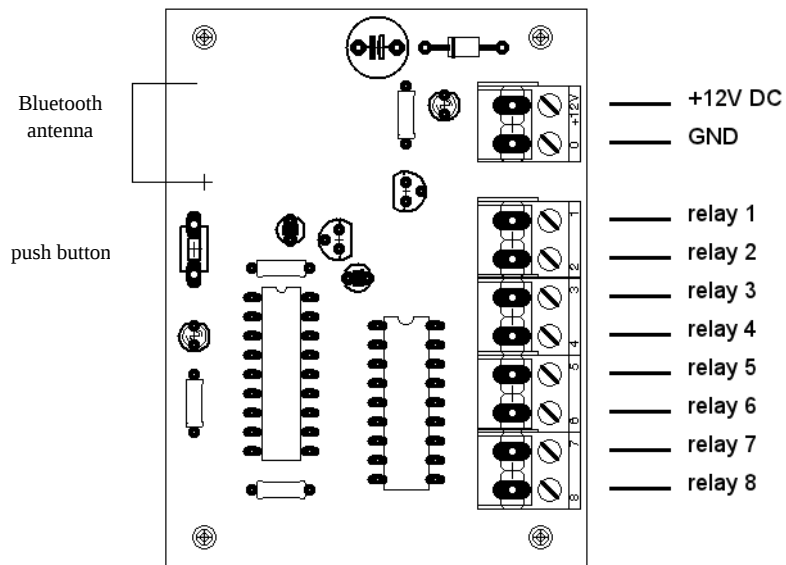


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HARDWARE MANUAL

OUTPUT CONNECTION



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

NOTES

MXRC1E

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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 application needed
 - 8 digits secure code (00000000 – FFFFFFFF) for commands
 - how to set secret code : our free Android application needed
 - the secure code is transmitted only once during the setup, and will never be visible during operation (still changing computed code only)
 - if the secure code is wrong, the green LED starts blinking and MXRC1E is blocked during 20 seconds