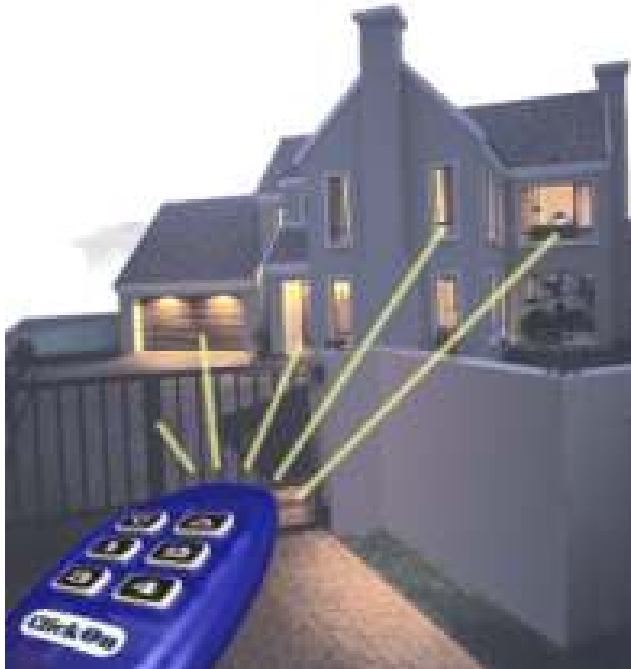


ClickOn

2 Channel Code Hopping Gate Receiver CL-GATE-202LR



ClickOn

2 Channel Code Hopping Gate Receiver Model: CL-GATE-202LR

- Compatible with all ClickOn 433.92MHz remote controls
- Interfaces to all standard automated gate or garage door controllers
- Code hopping
- User friendly programming
- Two Single contact relay outputs
- Five modes of operation:
 - 1 second pulse
 - 3 second pulse
 - On/Off
 - Toggle
 - Adjustable pulse length up to 3 minutes

Specifications:

- Supply voltage: 9-24VAC or 10-30VDC
- Supply current: Standby: 12mA max
Relays active: 70mA max
- Relay contact rating: 1A @ 32V DC/AC
Resistive load
- Memory capacity: 48 Remote control channels
- Operating frequency: 433.92MHz



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PROGRAMMING

ADDING A REMOTE CONTROL:

1. Select the appropriate channel on the Gate Receiver (see *CHANNEL SELECTION*)
2. Enter the programming mode by pressing and holding the button on the Gate Receiver until the LED starts flashing continuously (after approximately 5 seconds). Release the button.
3. Execute an ADD command from the remote control (see *remote control instruction manual for more information*)
4. The LED indicator on the Gate Receiver will flash at a faster rate to confirm success.
5. Exit the programming mode on the Gate Receiver by pressing and releasing the button on the Gate Receiver.

DELETING A REMOTE CONTROL:

1. Select the appropriate channel on the Gate Receiver (see *CHANNEL SELECTION*)
2. Enter the programming mode by pressing and holding the button on the Gate Receiver until the LED starts flashing continuously (after approximately 5 seconds). Release the button.
3. Execute a DELETE command from the remote control (see *remote control instruction manual for more information*)
4. The LED indicator on the Gate Receiver will flash at a faster rate to confirm success.
5. Exit the programming mode on the Gate Receiver by pressing and releasing the button on the Gate Receiver.

DELETING ALL REMOTE CONTROLS FROM A GATE RECEIVER:

1. NOTE: All remotes from both Gate Receiver channels will be deleted irregardless of the selected channel.
2. Enter the programming mode by pressing and holding the button on the Gate Receiver until the LED starts flashing continuously (after approximately 5 seconds). Release the button.
3. Execute a DELETE ALL command from the remote control (see *remote control instruction manual for more information*)
4. The LED indicator on the Gate Receiver will flash at a faster rate to confirm success.
5. Exit the programming mode on the Gate Receiver by pressing and releasing the button on the Gate Receiver.

WARRANTY AND DISCLAIMER

The manufacturer warrants that the product identified in this manual is free from defects in material or workmanship. This warranty is valid for a period of 12 months from date of purchase. The manufacturer, at its discretion, will repair or replace the defective product when returned to the manufacturer via the retailer of the system. In the event that no satisfaction can be obtained from the retailer of the system, only then can the manufacturer be approached directly by the final purchaser. The manufacturer shall not be responsible for any loss or damage of any nature whatsoever whether direct or indirect, consequential or otherwise, sustained as a result of the use of the product. Improper use or mishandling of this product by the purchaser will render this warranty null and void. No warranty claims will be entertained without presentation of a valid invoice. The manufacturer will charge the purchaser for services rendered outside the warranty period. Any implied warranties in respect of this product are expressly excluded. No agreement whether implied or referred are binding, unless agreed to in writing by the manufacturer.

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CHANNEL SELECTION


The currently selected channel on the Gate Receiver is indicated by the LED colour:

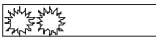
RED: Channel 1
GREEN: Channel 2

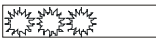
Press and release the button on the Gate Receiver to toggle between the two channels.

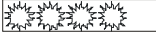
MODES OF OPERATION

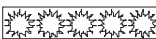
The current mode of operation is indicated by the LED on the gate receiver.

- One-second pulse mode 

This mode is active when the LED flashes once every 3 seconds. The unit pulses the relay output for 1 second each time the ON or OFF button on the Remote Control is pressed. Most gate and garage door controllers require this mode.
- Three-second pulse mode 

This mode is active when the LED flashes twice every 3 seconds. The unit pulses the relay output for 3 seconds each time the ON or OFF button on the Remote Control is pressed. For use with non-latching striker locks etc.
- On/Off Mode 

This mode is active when the LED flashes three times every 3 seconds. The unit will switch the relay output ON or OFF, depending on whether the ON or OFF button on the Remote Control was pressed.
- Toggle Mode 

This mode is active when the LED flashes four times every 3 seconds. The unit will toggle the relay output each time the ON or OFF button on the Remote Control is pressed.
- Adjustable Pulse Mode 

This mode is active when the LED flashes five times every 3 seconds. The unit pulses the relay output for a user selectable time each time the ON or OFF button on the Remote Control is pressed (see *ADJUSTABLE PULSE MODE*).

MODE SELECTION

- 1) Select the appropriate channel on the Gate Receiver (see *CHANNEL SELECTION*)
- 2) Press and hold the button on the Gate Receiver.
- 3) Do not release the button.
- 4) During this time, the LED stays on.
- 5) After 5 seconds, the LED will start flashing, indicating that the program mode has been entered.
- 6) Keep holding the button.
- 7) After another 5 seconds, the LED will go off.
- 8) Release the button.
- 9) Repeat until the desired mode is selected.

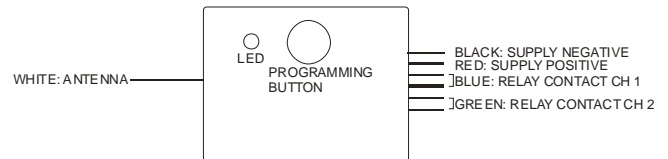
ADJUSTABLE PULSE MODE

In this mode the relay can be set to pulse for a time of approximately 200 milliseconds up to a maximum of 3 minutes in 100ms steps.

Settings the pulse length:

- 1) Select the appropriate channel on the Gate Receiver (see *CHANNEL SELECTION*)
- 2) Ensure that the Gate Receiver channel is in Adjustable Pulse Mode (see *MODES OF OPERATION*)
- 3) Press and hold the button on the Gate Receiver.
- 4) **Do not release the button.**
- 5) During this time, the LED stays on.
- 6) After 5 seconds, the LED will start flashing, indicating that the program mode has been entered.
- 7) **Keep holding the button.**
- 8) After another 5 seconds, the LED will go off.
- 9) **Keep holding the button.**
- 10) After another 5 seconds, the LED will start flashing at a very fast rate.
- 11) Release the button.
- 12) Press and release the button once to start the relay pulse. The relay will switch on and the LED will remain on.
- 13) After the desired pulse time has expired, press and release the button again to stop the pulse (relay switches off and the LED starts flashing again).
- 14) Press and hold the button for 5 seconds to exit to normal operating mode.

INSTALLATION



1. For optimal remote control range, mount the gate receiver as high as possible above ground level and keep the Gate Receiver at least 1m away from other 433.92MHz receiving devices.
2. Connect the 12V or 24V supply output from the gate/garage door controller to the supply input wires on the gate receiver observing correct polarity if a DC supply is used (Black = Negative, Red = Positive).
3. Connect the relay outputs (Channel1 = Blue wires, Channel 2 = Green wires) on the gate receiver to the trigger input of the gate/garage door controller (refer to the gate/garage door controller instruction manual to determine the required configuration).
4. Do not connect any wires to the white antenna wire. For optimal remote control range, the antenna wire should be kept away from any metal objects or metal surfaces.
5. Ensure that the gate receiver is operating in the appropriate mode (usually 1 second pulse for most industry standard gate and garage door controllers).

TYPICAL APPLICATION

