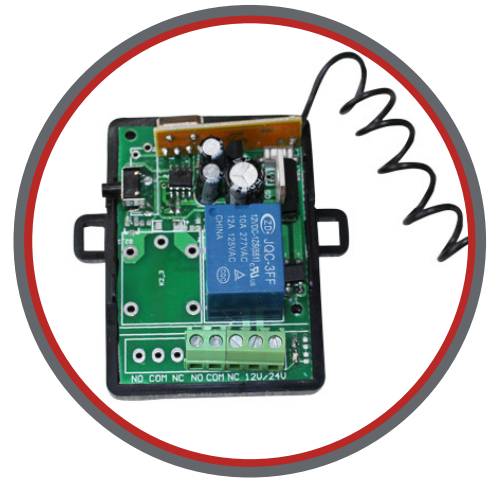


One Channel Receiver 315mhz VIS-8004 USER MANUAL



For support: sales@visionistech.com



SPECIFICATIONS

Operating Frequency

315mhz

Number of Codes

1,048,576

Data Format

PWM

Operating Voltage

+12V 24V

Operating Distance

Up to 320 Feet (100M)

Operating Temperature

0°C-70°C or 32°F - 158°F

Current Draw

19mA

Sensitivity

-100DB

Compatible Transmitter

VIS-8005

RF channels

One

No. of Remotes that are able to connect to one Receiver

up to 20

Receiver Output

C dry contact (NO/NC/COM)

Receiver Output Functions

5 (Default) 4 second momentary, 1-sec momentary, toggle, validity, latch

Connectors

5 screw Terminal (NO, COM, NC + -)

Case Construction

ABS Plastic

Dimensions

63mm*45mm*30mm

(2.4Inches* 1.77Inches*1.18inches)

Weight

43g or 1.52 Ounces

Certifications

FCC

Antenna

Wire lead

Mounting Screws

Comes with two mounting screws

Warranty

1 Year



DESCRIPTION

The **Visionis VIS-8004 RF Wireless Receiver** was built to feed the demand for a device that can meet multiple functions without having to purchase additional devices. The VIS-8004 RF receiver can be used to control all sorts of Electrical devices such as Garage door Openers, Lights, Motorized gates, Mag locks, Electric Strikes, lifts and many more devices.



NOTES FOR INSTALLATION

- Do not install the receiver where it is exposed to weather or moisture conditions.
- Do not install the receiver near metal which will reduce the range of the receiver
- In order to receive the proper range, you must pull the Antenna as straight as you can.
- Do not cut or take off the antenna.



INSTRUCTIONS TO PROGRAM A NEW TRANSMITTER (REMOTE CONTROL)

Each VIS-8004 Visionis receiver can program up to 20 Transmitters (remotes) (VIS-8005)

- Make sure that while you are programming the transmitter (remote) you have the remote in your hands ready to be programmed.
- Press the programming switch for 3 seconds or more. The channel's LED will start to flash quickly. This will indicate that it is in programming mode.
- When the LED light begins to Flash, Press the button of the Transmitter (remote) to be programmed one time. The receiver's Channel light will flash once to show that that the transmitter (remote) has been programmed successfully. After the transmitter (remote) has been programmed the receiver will automatically exit the programming mode.



IMPORTANT NOTES

- On the following page you will find a diagram on where you can identify the programming button on the receiver.
- If the button on the Transmitter (remote) is not pressed within 15 seconds of the LED light flashing. The receiver will exit programming and LED light will turn off.
- If the Transmitter (remote) has been programmed already. You will see the receivers channel Light turn steady on and then start flashing again. The Transmitter (remote) will not be able to be programmed a second time.
- One receiver can program up to 20 Transmitter (remotes)



CLEAR RECEIVER MEMORY

To clear all the Transmitter (remotes) from the receiver's Memory. Press the Programming Switch for 6 seconds or until the LED light starts to Flash Repeatedly.



PROGRAMMING DIFFERENT FUNCTIONS ON THE RECEIVER

The receiver can be programmed to five different functions. To locate the function mode button on the receiver look at the diagram on the following page.

- 4-second delay Function (this is the Default Function): When The Transmitter (remote) button is pressed, the receiver will turn on for 4 seconds and automatically turn off after the 4 seconds.
- ON/ Off Toggle Function: This function works exactly like an on/off switch. When the Transmitter (remote) button is pressed once, the receiver turns on. When the Transmitter (remote) is pressed again the relay turns off.

- **Clamp Function:** When The Transmitter (remote) button is pressed once the receiver turns ON and stays ON. The receiver will remain on regardless if another remote is pressed. To turn OFF the receiver Press the Receiver function mode button once and the device will reset.
- **Press on Function:** As long as the Transmitter (remote) Button is pressed, the receiver will stay on.
- **1 second delay Function:** When the Transmitter (remote) button is pressed, the receiver will turn on for 1 second and automatically turn off after the 1 second.



SELECTING THE DIFFERENT FUNCTION ON THE RECEIVER

The Function button can be found by looking at the diagram below:

4-second Delay Function (this is the Default)

1 Flash

Clamp Function

3 Flashes

Press on Function

4 Flashes

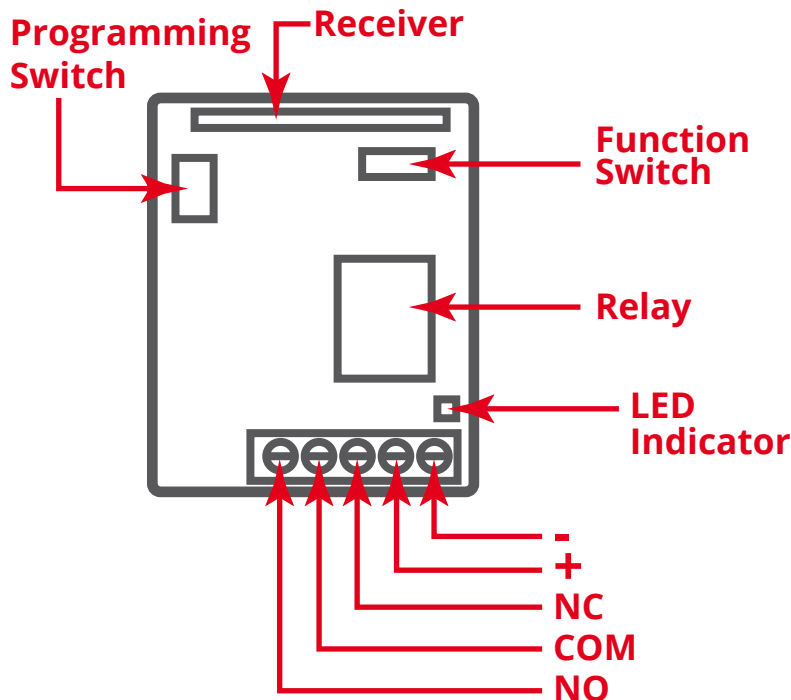
ON/ Off Toggle Function

2 Flashes

1 Second Delay Function

5 Flashes

- Press down on the channel Function Button for 3 or more seconds. The channel's LED light will flash a number of times equal to the output it is in.
- In order to Change the channels function on the receiver, press the channels function Switch. Each press moves the receiver to the next function.
- After setting the function of choice, verify the number of flashes in order to make sure that the proper function has been selected.
- Wait for 15 seconds so the receiver can exit the function Programming.



LED INDICATION

Steady ON: Receiving signal from the Transmitter (remote). This verifies that that the Transmitters (remotes) code is programmed in the receiver's memory during programming of the Transmitter (remote).

Fast Flash: This verifies that the receiver is in programming mode for the Transmitter (remote).

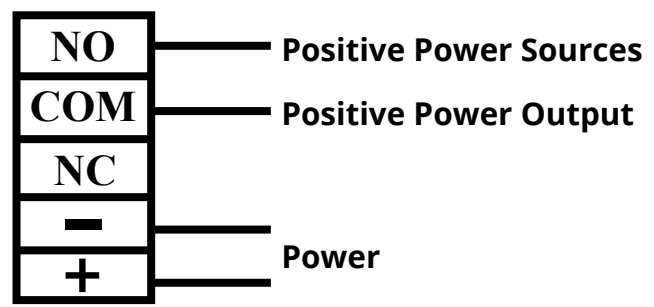
One Flash: A transmitter (remote) was programmed.

Two Flashes: All Previously Programmed Transmitter (remote) were deleted.

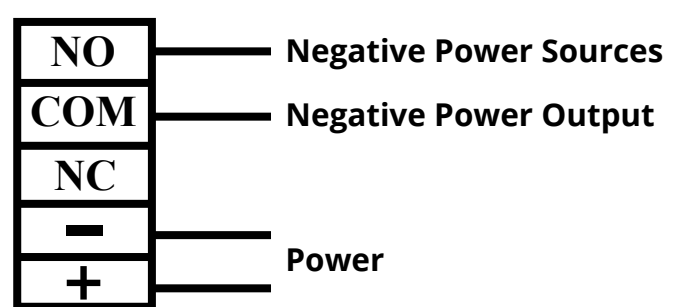


DIFFERENT TYPE OF APPLICATION

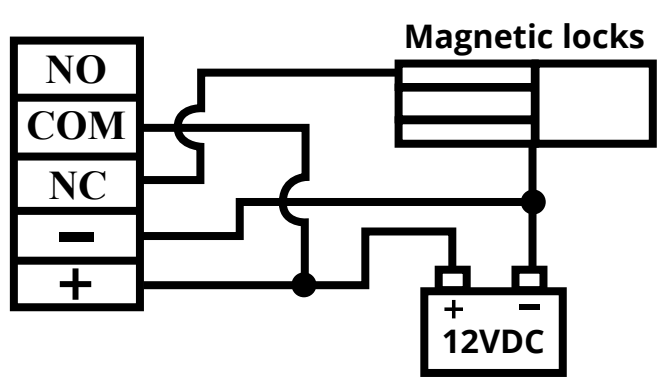
Positive Output



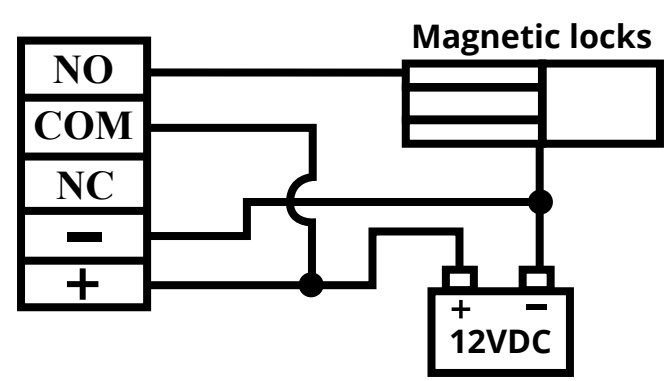
Negative Output



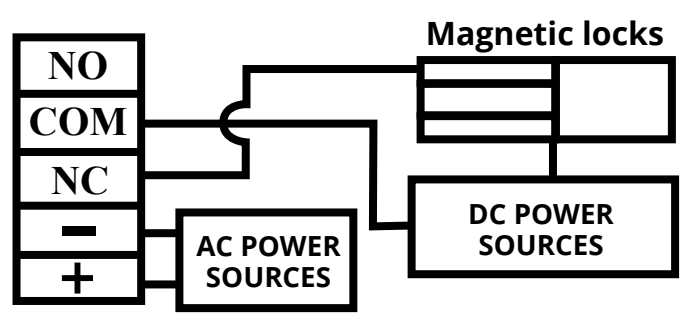
Typical N.C. Application



Typical N.O. Application



N.C. Application with independent Power Sources



N.O. Application with independent Power Sources

