



2.4GHz

Digital Proportional RIC System



DANGER

If the operator does not follow the instructions, it may lead to serious injuries.

The sequence to safe shutdown is to turn off the receiver power first and then the transmitter power. Incorrect sequence might lead to uncontrolled R/C vehicle which can cause accident.

VEN-8184

Thank you for purchasing the Venom 2.4Ghz 2 channel Radio System.

Please read the instruction manual to become familiar with the radio system prior to use. Please refer to the manual for installation suggestions and trouble shooting should you encounter a problem. For further assistance please contact the Venom Group International Customer Service Department.

Contents / Specifications

2 Channel 2.4G Transmitter
3 Channel 2.4G Receiver
Manual
USB CABLE
8 x AA batteries (not included)

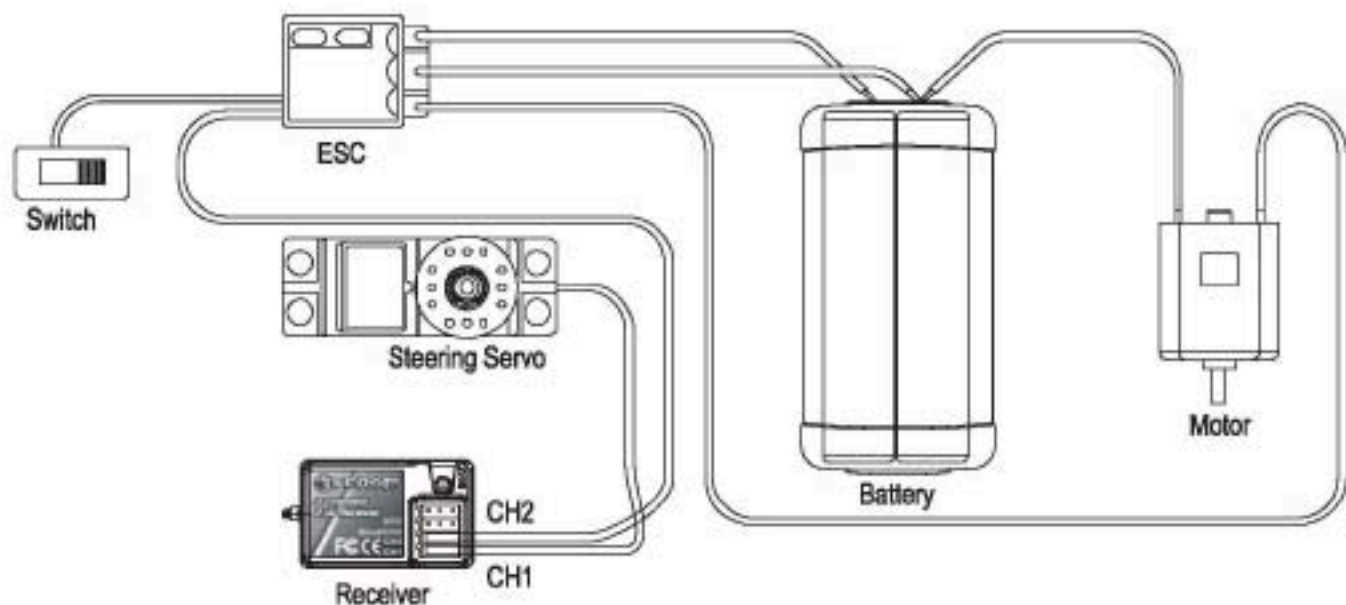
Specifications:

Channels : 2
Model Type : car/boat
Modulation : GFSK
Low Voltage warning : yes(less than 9V)
DSC Port : yes(3.5mm)
Charger Port : yes

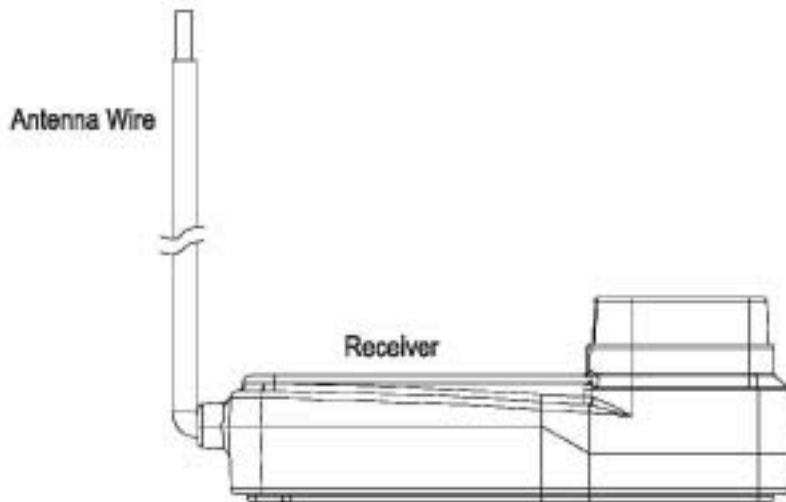


Receiver Connectivity

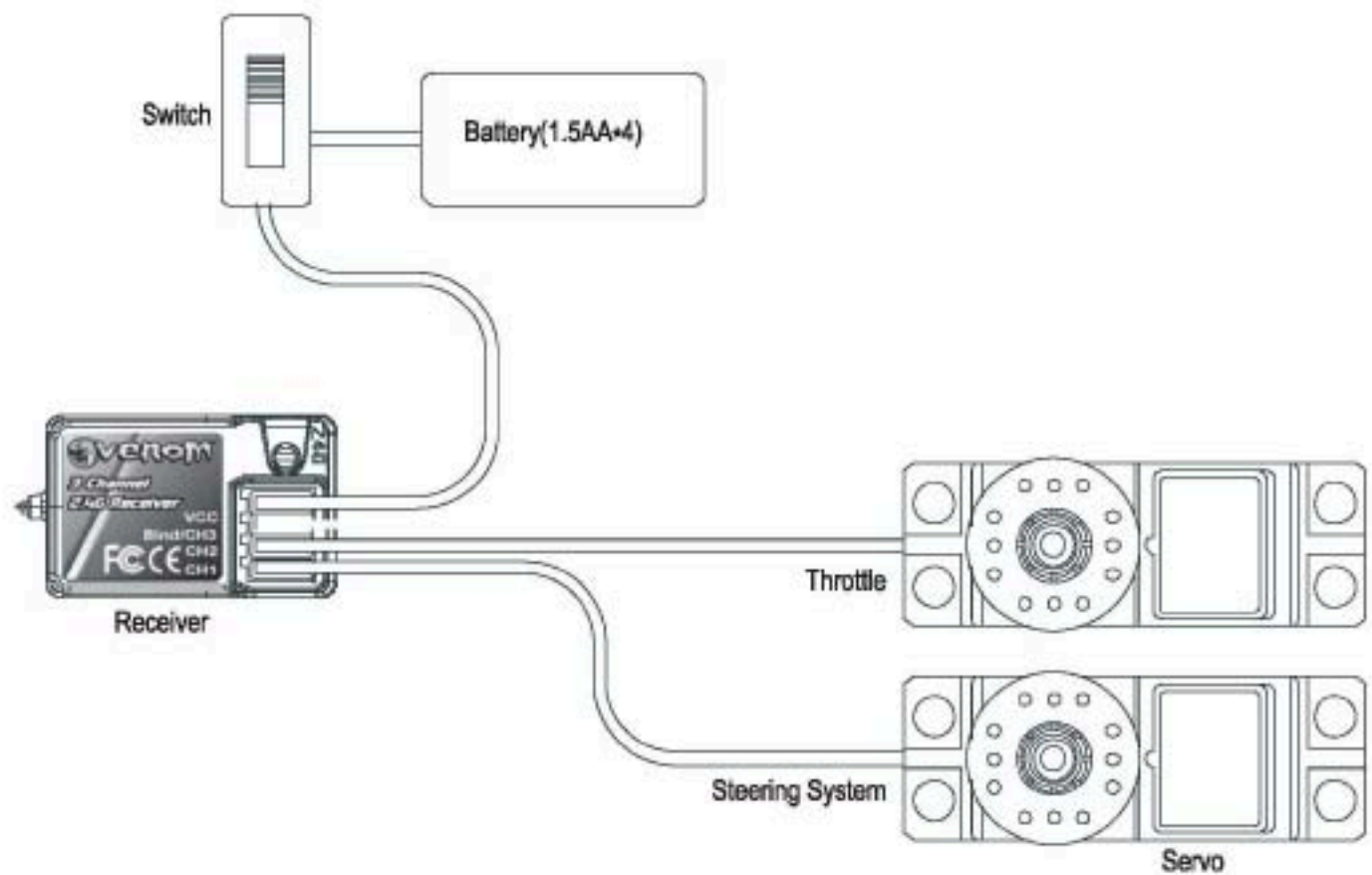
1. Installation For Electric Models



Note: Install the antenna vertically and away from metal or carbon fiber materials.



2. Installation For Nitro/Gas Powered Models

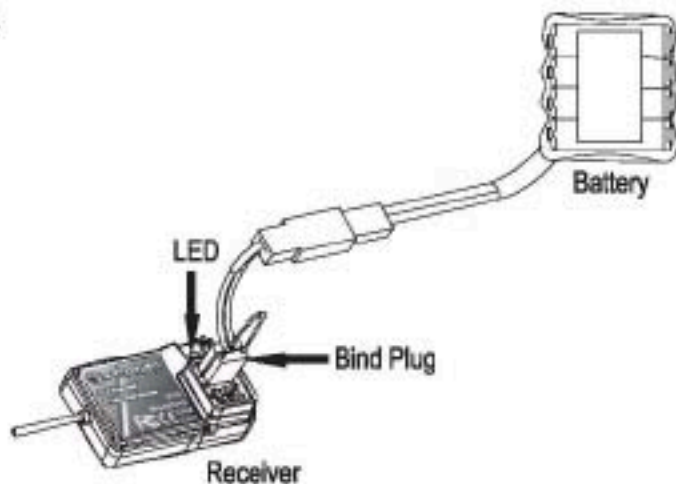


2.4G Operation Notes

Matching the radio

Binding the Transmitter to the Receiver. The Venom 2.4Ghz radio system comes bound together from the factory. Should it become necessary to rebind the Tx to the Rx please follow these steps.

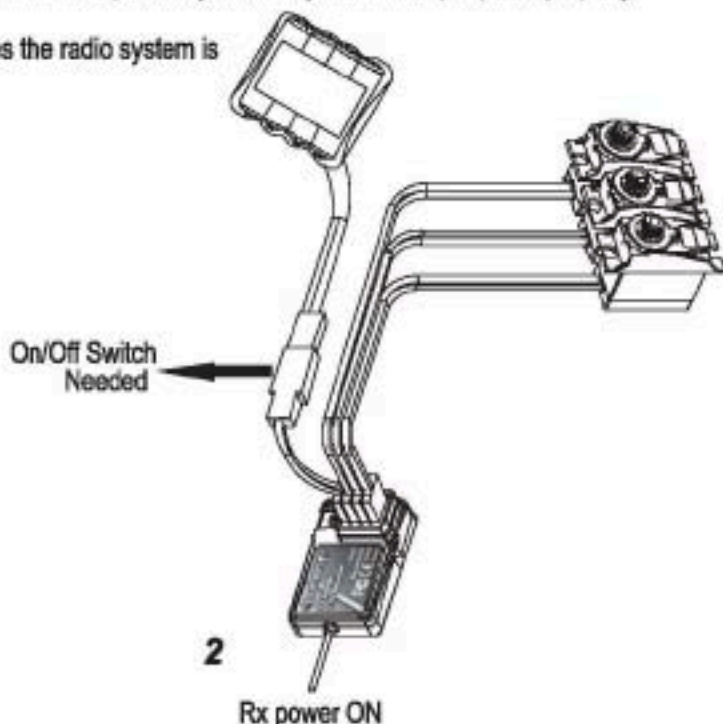
- A. Transmitter power off (8AA batteries installed).
- B. Receiver power off.
- C. Insert the Bind Plug into the BIND/CH3 slot in the receiver.
- D. Turn on the power to the receiver only, Status LED will flash and the receiver is ready to find the transmitter.
- E. Press the bind button the transmitter and turn on the power.
- F. Watch the receiver status LED. If the flashing has stopped the receiver has accepted the transmitter signal and the two are bound. Approximate time 5 seconds.
- G. Release the bind button on the transmitter and remove the Bind Plug from the receiver.
- H. Install a servo to test the radio system.
- I. Repeat the bind process if the servo fails to work correctly.



Power on

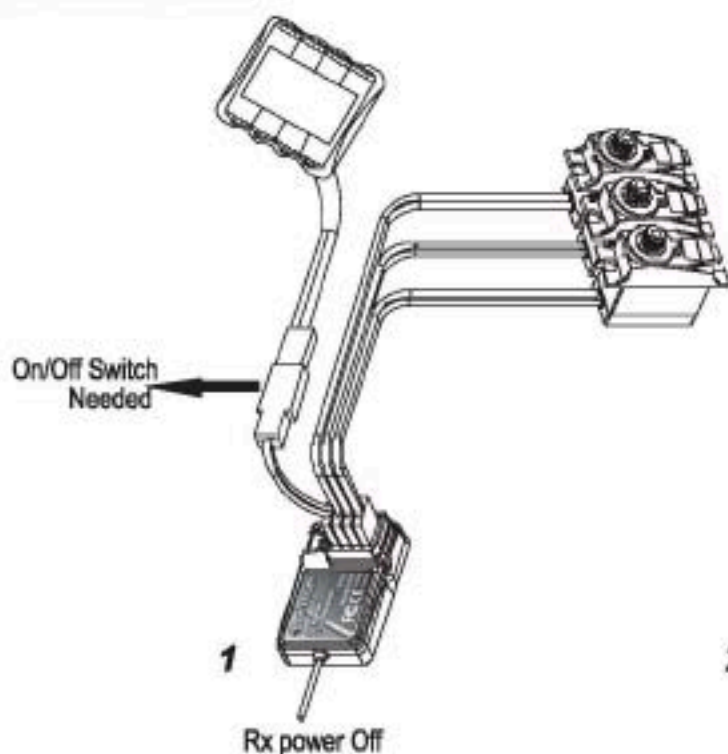
Operating the radio system

- A. Make sure the batteries are fully charged or have enough power to operate the radio system safely.
- B. Ensure all the connections are secure.
- C. Turn on the transmitter first.
- D. Place the vehicle on a stand so that the wheels or propeller can spin freely and away from other people or property.
- E. Turn on the receiver power.
- F. The receiver Status LED will turn on solid. This indicates the radio system is ready for use.



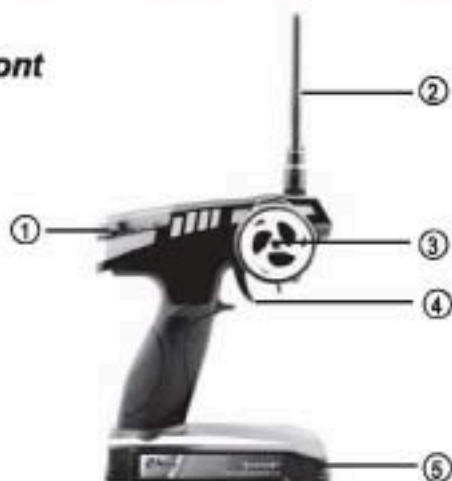
Turning off the radio system

- A. Turn off the power to the receiver first.
- B. Turn off the transmitter last.



Each Part Of The Transmitter

Front



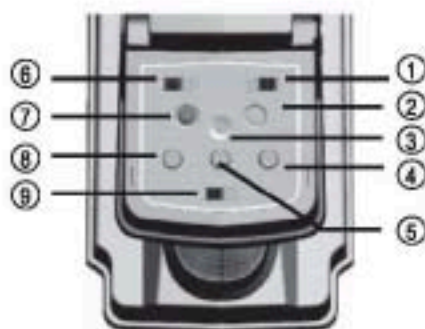
- ① Control Box
- ② 2.4G ANT
- ③ Steering Wheel
- ④ Throttle Trigger
- ⑤ Battery Box

Back



- ① DSC Plug For USB Adapter
- ② Charger Plug

Side



- ① TH REV
- ② Power Check
- ③ Bind
- ④ TH Trim
- ⑤ D/R
- ⑥ ST REV
- ⑦ Power LED
- ⑧ ST Trim
- ⑨ Power SW

Transmitter Functions

Adjustment Functions

- *Steering Reverse (ST REV) – changes the direction of the servo rotation.
- *Throttle Reverse (TH REV) – changes the direction of the throttle command to the ESC or the servo rotation.
- *TH TRIM/ST TRIM – throttle trim or steering trim is a fine adjustment to align the servo position in small steps.
- *Dual Rate – reduces the sensitivity of the steering response by reducing the amount of steering servo travel.

Steering



Throttle



Simulate



For software download please use the following web site
<http://www.virtualrc.com/>



Notes

Australia
PO Box 7325
Alexandria NSW 2015

Customer Service
customerservice@venom-group.com.au

Venom Group International
14028 N. Ohio Street
Rathdrum, ID 83858

Customer Service
800.705.0620
customerservice@venom-group.com

© Copyright 2009 by Venom™

WWW.VENOM-GROUP.COM

