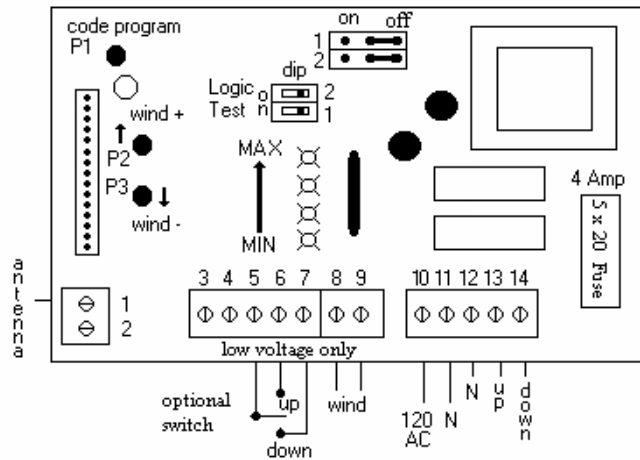




# WIND CONTROLS WCO-1, WCR-1



**The WC control must be wired by a qualified electrician.** The WC control board is a 120 Volt power and control board. The installer must be familiar with the wiring and instructions before attempting installation. If you have any questions contact Motion Control Systems.

## HIGH VOLTAGE CONNECTIONS

### \* Power Connections

Terminal	
10	Incoming power 120v 60hz
11	Incoming neutral (White)
**	Tie incoming gnd to motor gnd with wire nut

### \* Motor Connections

Terminal	
12	Motor neutral (White)
13	Up
14	Down
**	tie motor gnd to incoming gnd with wire nut

**note: Up must be on terminal 13**

### \* Misc. Information

4 A Maximum fuse size

## LOW VOLTAGE CONNECTIONS

### \* Anemometer

Terminal	
8	Blue wire
9	Brown wire

**note: Anemometer will over-ride all inputs**

### \* Up / down momentary switch

Terminal	
5	Common
6	Up
7	Down

### \* Antenna Connection

Terminal	
1	Wire antenna
1 & 2	Coaxial antenna

### \* Wind settings

- 1 Adjust the LED's up by pressing P2
- 2 Adjust the LED's down by pressing P3
- 3 4 LED's set the wind Speed to 8 settings
- 4 2 MPH = first LED flashing 31 MPH = all LED's On
- 5 Recommend 2 LED's on = 15 MPH

### \* Remote sequencing board programming

- 1 Select your personal code with the transmitter dip switches
- 2 Press and hold P1 while pressing a button on the transmitter
- 3 All LED's will turn on acknowledging the receiver has learned the code

### \* Erasing previously programmed transmitters

- 1 Disconnect power from board
- 2 Press P2 & P3 while turning on power to the board
- 3 All LED's will turn on showing memory has been cleared

### \* Adjusting run time

- 1 Place jumper 1 & 2 off = 3 minutes
- 2 Place jumper 1 & 2 on = 35 seconds
- 3 Jumper 1 on & jumper 2 off = 65 seconds
- 4 Jumper 2 on & jumper 1 off = 100 seconds

### \* Anemometer settings

- 1 **Dip switch 2 off** - after the wind has been activated the awning will remain in the up direction and can not be rolled down for 12 minutes
- 2 **Dip switch 2 on** - after a 12 minute delay the awning will automatically come down only if the last command was down
- 3 **Dip switch 1 off** - delay set at 12 minutes and activation is at 2 seconds of constant wind
- 4 **Dip switch 1 on** - test function is on reducing the delay time from 12 minutes to 15 seconds and activation to 1 second