33003-MD
12/24/36VDC Remote Motor Control

Reversing remote controller for DC motor up to 60 Watts with inputs for Limit Switches (Not included). Includes 3 button Remote Control.

Unit Controls direction by reversing the polarity on the 2 motor output terminals. Ideal for Gates, Overhead doors etc.

Power: Controller: 12-36VDC   Remote: A23 12V Battery (Not Supplied)

Modes: 2 (Set by jumper on controller)

      Jog: Motor energized as long as Button Pressed.

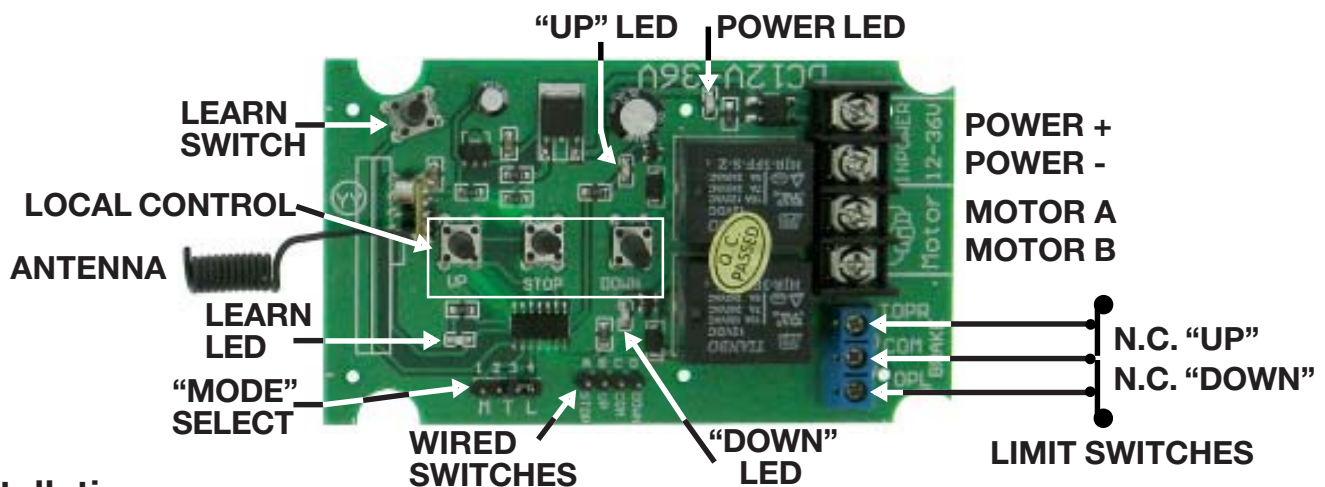   Continious: Energized until "STOP" pressed or a Limit Switch is activated

Range: >50ft. Depending on Antenna location/extension and terrain

Output: 12-36VDC 60W/Max 5A (10surge)

Functions: UP (Forward)/OFF/ DOWN (Reverse)

Connections: Terminal Strips: Motor, Power & Limit Switches

      0.1Pitch header for External Wired Direction Switches

Installation:

1: Open Case by removing 4 corner screws

    Measure and place 2 mounting screws in mounting surface (Not Supplied).

    Do not tighten completely as you will have to slide controller case

      down over these screws after wiring and assemby. You want a "snug" fit

2: Select Mode (Any time Mode Jumper is changed Controller Power must be cycled to take effect)

    Jog : Motor energized as long as Button Pressed or Limit Switch is activated

    Continous: Energized until "STOP" pressed or Limit Switch is activated

3: Connect Motor Wire to Motor Terminal Strip

4: Connect Power Supply Leads to Power Terminal Strip. Polarity is not Critical

    NOTE: Should your motor not turn in the proper direction upon testing; Reverse Motor Leads

5: Remove the jumpers from the "Brake" Terminal Strip.

    Connect Limit Switches (Normally Closed contacts) to "Brake" Terminal Strip)

    NOTE: Be sure to the correct switch to the proper terminals.

      TOPR: "UP" limit switch

      TOPL: "DOWN" limit switch

6: Use of Remote Wired Direction Switches. (These preform the same function as the switches on the controller)

    Connect SPST-NO momentary switches to the respective 0.1 Pitch header pins.

7: Dress all wiring and reassemble case

    Slide assembled case down over mounting screws placed in Step 1

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Programming Remote into Controller:
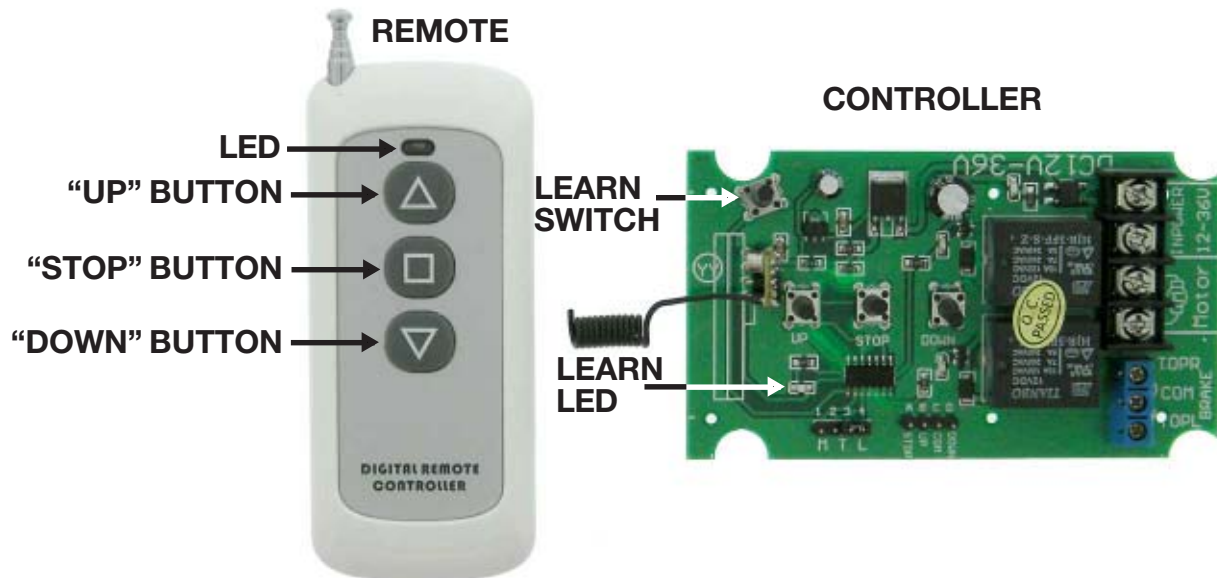
Programming May be Done with Case on or off
> Hole in Controller Case Upper Right Corner allows accesses "LEARN" Button with a small screwdriver or Paper Clip
>> **NOTE:** That the LEDs are Not Visible with case assembled

1: Install A23 12V Battery (Not Supplied)
> Be sure to observe polarity indicators
> Press any button LED should light.
>> No LED: check Battery

2: On Controller:
> Controller will automatically sequence through setting up Remote Button Codes
> Momentarily Press "LEARN" Button on Controller
>> "LEARN" LED will light

3: On Remote: Follow this Carefully!!
> A: Momentarily Press Top "UP" Button
>> "LEARN" LED on Controller will flash twice
> B: Momentarily Press Bottom "DOWN" Button
>> "LEARN" LED on Controller will flash twice
> C: Momentarily Press Middle "STOP" Button
>> "LEARN" LED on Controller will Flash twice

4: On Controller:
> Momentarily Press "LEARN" Button on Controller
>> "LEARN" LED will go out

5: To Erase all Remote Codes
> Press & Hold "LEARN" Button on Controller for >5sec
> "LEARN" LED will Flash. Remote codes are now erased

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