

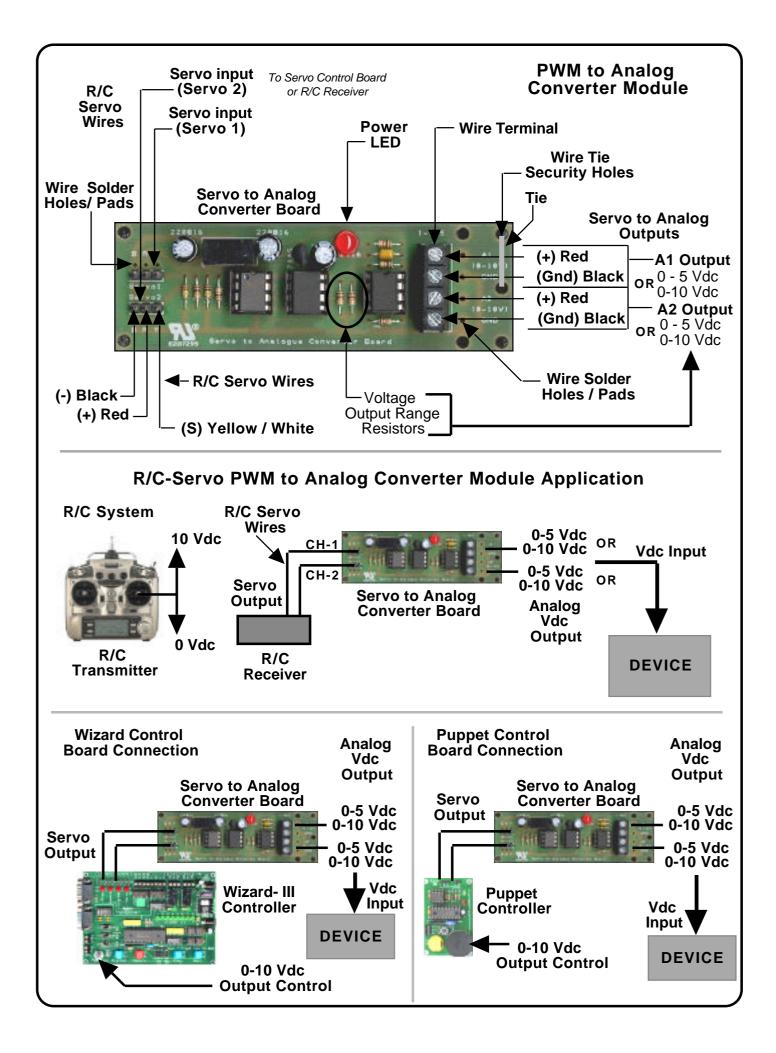
Connect standard R/C servo plugs from input 1 and 2 on the 3-pin headers marked Servo 1 and Servo 2, to a servo controller board or R/C receiver servo channels. Ensure the wire polarity is correct. (R=+5v, B=Ground, Y=Signal) / (R=Red, B=Black, Y=Yellor or White Wire)

Note: the board has corresponding wire holes, if you want to solder the R/C servo wires to the board directly. Carefully pull-away the rubber backing from the board, place the wires through the correct hole and solder. Ensure the wire polarity is correct.

Analog Range 0-5 and / or 0-10 output is available from the 4-way terminal block.

Power Supply

No external power supply is required. The module takes its power from the incoming servo drive connections.



Changing the Voltage Output Range (0-5 / 0-10 or other Values)

The voltage output range may be modified from 5 Vdc up to a manimum of 10Vdc.

The output voltage is determined by the following equation:

Maximum Voltage Output = $5 \times [1+10 / R_A]$ Where R_A is expressed in k ohms

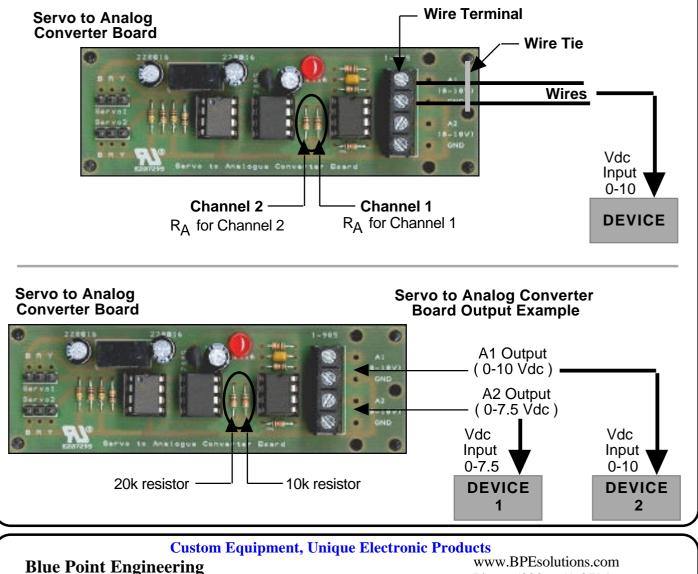
As supplied, R A is 10k so the maximum output is 10 Vdc

Removing, RAwill limit the maximum output to 5 Vdc

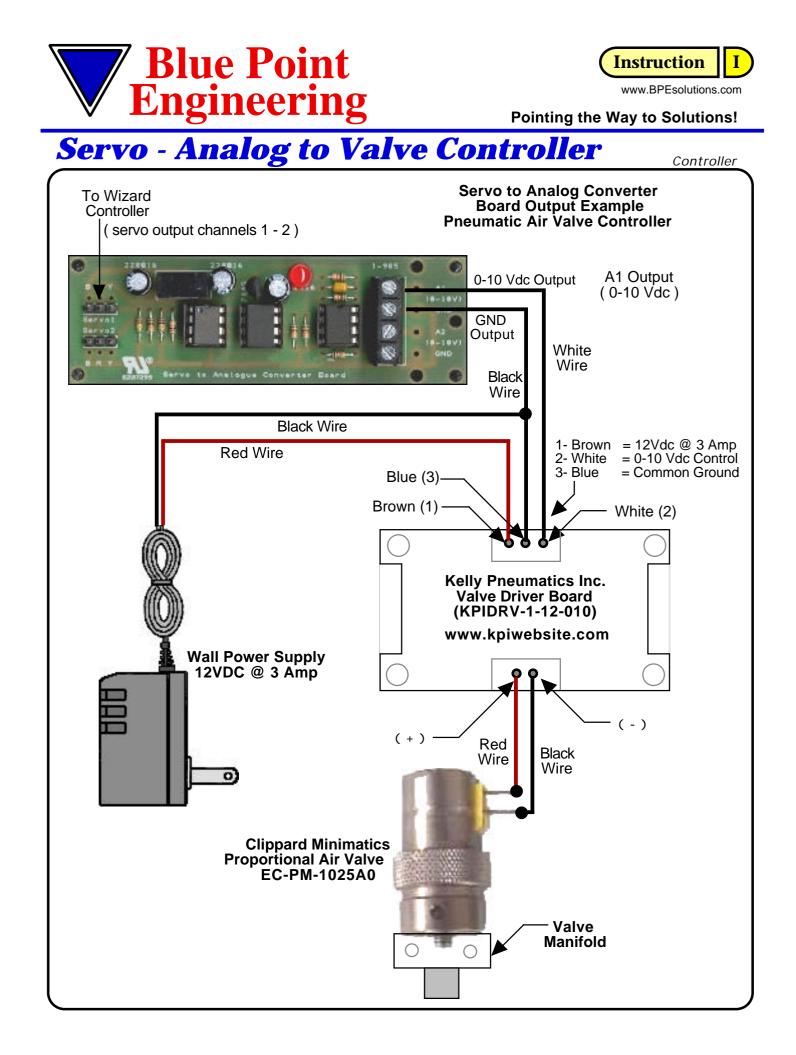
Replacing, RA with a 20k resistor will limit the maximum output to 5x[1+10/20] = 7.5 Vdc

RA may be a different value (output Vdc) for each channel.

RA for each channel is shown below.



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