Installation Instructions
Multiple Input Control Board
Model C-MECH2

Make sure that your input power source is not plugged into a power outlet. Attach the input power source to the C-MECH2.

If using an AC power source, make sure that it is at least 6V AC, and does not exceed 24V AC, and install on the two screws marked AC on the input side of the board.

If using a DC power source, make sure that it is at least 6V DC, and does not exceed 28V DC, and install on the two screws marked DC and GND, observing the correct polarity, on the input side of the board. (Note: A 9V battery does not supply enough current to be used as a power source. However 6 AA batteries in a pack will work quite nicely.)

Attach the wires from the coin switch to either IN1 (input 1) or IN2 (input 2) on the input side of the board. A certain polarity is not required.

Attach the wires of the output device to the output side of the board. There are two output circuits for your convenience. You may choose either set. The second set can be used for indicator lights, etc. Usually you will connect to a COM (common) screw and an NO (normally open) screw but there are NC (normally closed) options as well. **Make sure that the output circuit does not exceed the rating printed on the relay.**

If attaching the output to a DC relay or solenoid be sure to install a diode across the coil. If you are not familiar with the reasons for this there are some good explanations on the Internet. **Failure to do this will damage the C-MECH board and is not covered by the warranty.**

Now all that is necessary is to set the dip switches.

Switch Settings

Switches 1-2:   Sets the coin value on Input 2

Dn	Dn	Penny
Dn	Up	Nickel
Up	Dn	Dime
Up	Up	Quarter

Switches 3-4:   Sets the coin value on Input 1

Dn	Dn	Penny
Dn	Up	Nickel
Up	Dn	Dime
Up	Up	Quarter

For higher coin values, see page two.

Switches 5-8:   Sets the value to start operation

Dn	Dn	Dn	Dn	5c
Dn	Dn	Dn	Up	10c
Dn	Dn	Up	Dn	15c
Dn	Dn	Up	Up	20c
Dn	Up	Dn	Dn	25c

Switches 5-8:	Sets the value to start operation	
(continued)	Dn Up Dn Up	30c
	Dn Up Up Dn	35c
	Dn Up Up Up	40c
	Up Dn Dn Dn	45c
	Up Dn Dn Up	50c
	Up Dn Up Dn	60c
	Up Dn Up Up	70c
	Up Up Dn Dn	75c
	Up Up Dn Up	80c
	Up Up Up Dn	90c
	Up Up Up Up	$1.00

Switches 9-11:   Not used on this model.

Higher coin values

Switches 1-2:	Sets the coin value on Input 2	
	Dn Up	50c
	Up Dn	$1.00

Switches 3-4:	Sets the coin value on Input 1	
	Dn Up	50c
	Up Dn	$1.00

Switches 5-8:	Sets the value to start operation	
	Dn Dn Dn Up	$1.00
	Dn Dn Up Up	$2.00
	Dn Up Dn Up	$3.00
	Dn Up Up Up	$4.00
	Up Dn Dn Up	$5.00
	Up Dn Up Dn	$6.00
	Up Dn Up Up	$7.00
	Up Up Dn Up	$8.00
	Up Up Up Dn	$9.00
	Up Up Up Up	$10.00

Switches 9-11:   Not used on this model.

For additional information, go to our web site; www.CrowRiver.com