

INSTALLATION INSTRUCTIONS

MULTIPLE INPUT/TIMED OUTPUT

CONTROL BOARD MODEL C-MECH1A

Make sure that your input power source is not plugged into a power outlet. Attach the input power source to the C-MECH1A.

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.**

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

SWITCH SETTINGS

Switch number 1: On position - LED lights during output operation
 Off position – LED is disabled

Switches 2 -3: Sets the coin value on Input 1

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

Switches 4 -5: Sets the coin value on Input 2

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

For higher coin values, see page two.

Switches 6 - 9: 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
Dn Up Dn Up	30c

Switches 6 - 9: (continued)	Sets the value to start operation
	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 10 – 12:	Sets the length of the output time
	Dn Dn Dn 1/2 sec.
	Dn Dn Up 3 sec.
	Dn Up Dn 6 sec.
	Dn Up Up 12 sec.
	Up Dn Dn 30 sec.
	Up Dn Up 60 sec.
	Up Up Dn 90 sec.
	Up Up Up 120 sec.

Higher coin values

Switches 2 -3:	Sets the coin value on Input 1
	Dn Up 50c
	Up Dn \$1.00

Switches 4 -5:	Sets the coin value on Input 2
	Dn Up 50c
	Up Dn \$1.00

Switches 6 - 9:	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 10 – 12:	Sets the length of the output time
Dn Dn Dn	1/2 sec.
Dn Dn Up	3 sec.
Dn Up Dn	6 sec.
Dn Up Up	12 sec.
Up Dn Dn	30 sec.
Up Dn Up	60 sec.
Up Up Dn	90 sec.
Up Up Up	120 sec.

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

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