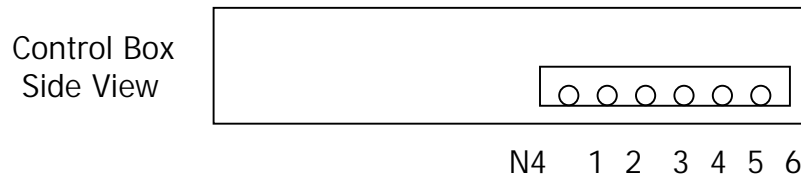


PL2000 PlasmaLift Control Interface



Low Voltage Control Lines:

There are three integrated methods of control and two optional methods. The standard controls are three momentary buttons (contacts) or low voltage control signal, or single latching contact. The optional methods are remote IR or RF control, please contact DDI for information on those options.

Three button control:

- 'Down' button (Black) to N4, pin 1.
- 'Up' button (RED) to N4, pin 2.
- 'Stop' button (GREEN) to N4, pin 3.
- Common for all (WHITE) buttons to N4, pin 4.

Low voltage (5 vdc < V < 24 vdc) control signal:

- Jumper from N4 pin1 to pin 4, and N4 pin 2 to pin 4.
- Trigger Voltage to N4, pin 5.
- Trigger Voltage ground to N4, pin 4.
- (applied voltage sends lift up, no voltage sends lift down)

Single latching contact:

- Jumper from N4 pin 1 to pin 4, and N4 pin 2 to pin 4.
- Contacts between N4 pin 5 and pin 6.
- (contact closed sends lift up, contact open sends lift down)

Programming Show Position:

Programming can only be done with three button control. If other methods of triggering the lift are normally used, first program the lift with the buttons and then configure lift for other trigger method.

1. Send lift to bottom position ('Down' button).
2. Press and hold 'Stop' button for ten seconds.
3. Press 'Up' button. Lift will travel up, press 'Stop' at proper show position.
THIS MUST BE DONE IN ONE MOTION, DO NOT PRESS UP, DOWN, OR STOP FOR FINE TUNING OF POSITION.
4. At proper position, press and hold 'Stop' button for ten seconds.
5. Lift is now set. If you start procedure and wish to quit after step 2, you must reset power to lift before normal operation.