Step 1: Power the serial pump with a 24VDC, 1.5A minimum power supply, using the 1/4" quick disconnects provided on the board.

Step 2: Connect to the pump using a standard USB-B cable.

Step 3: If using a Windows device, navigate to "Device Manager", open it, locate your COM devices, and identify the COM name associated with the serial device. It should appear with a name such as "COM1" or "COM2".

Step 4: Open your chosen terminal emulator program that is compatible with serial devices.

Step 5: Enter the name of your serial device as found in Device Manager with the following settings:

Serial Settings	
Speed	9600 baud
Data Bits	8
Stop Bits	1
Parity	None
Flow Control	None

*Once the connection is established, a blank text box will appear.

Step 6: Type "?" in the console for your available commands:

G	Take Control of the PWM Speed
g	Release Control of the PWM Speed
+	Increase Speed by 1%
-	Decrease Speed by 1%
Sx	Set Speed by Number, x is 0 to 100
s	Set Speed to 0
O	Set Speed to last saved number
o	Set Speed to 0 and save last speed
R	Current Set Speed
r	Sensed Speed
V	†Clockwise Motor Direction
v	†Counterclockwise Motor Direction
Q	Unique ID Number

* May vary by terminal emulator
† Pump head direction may vary from motor direction