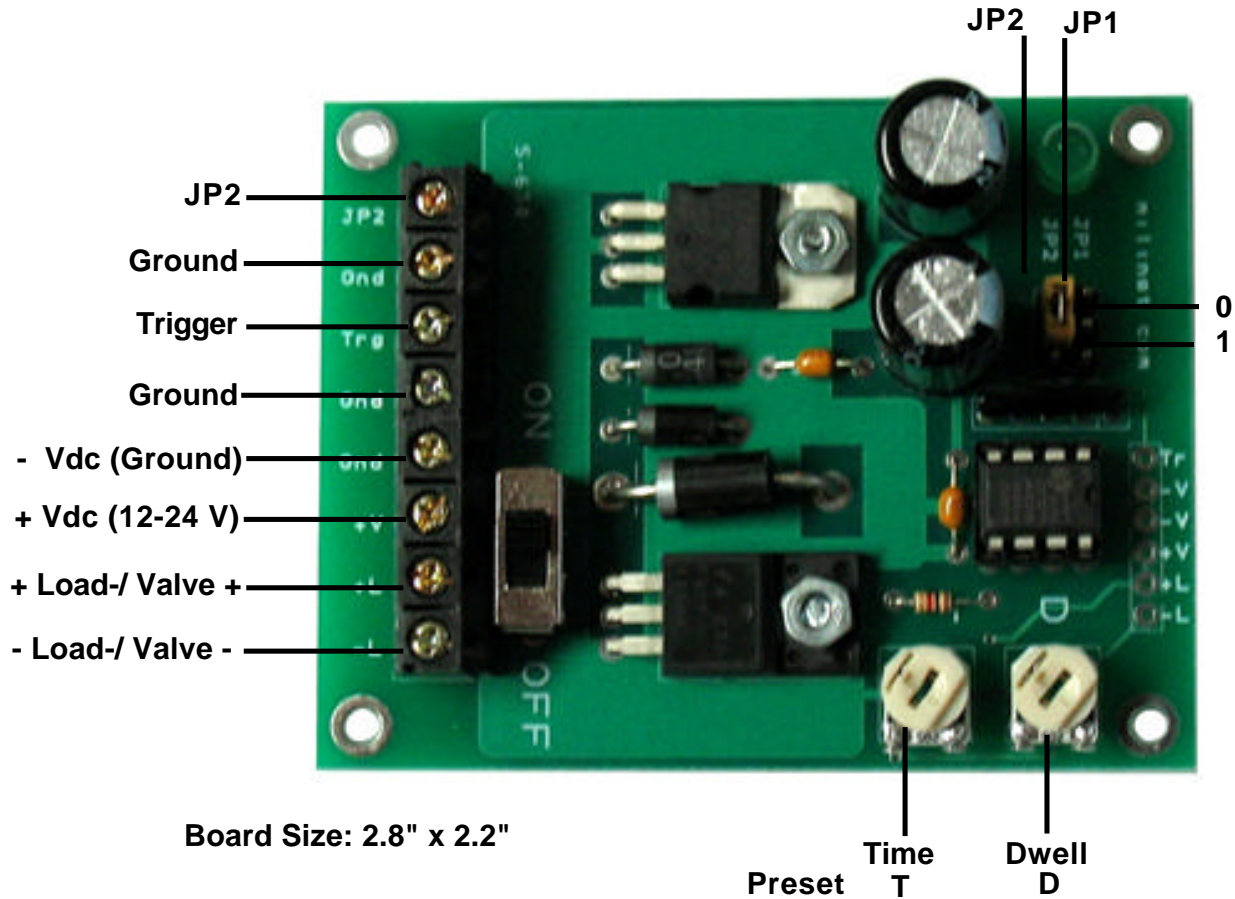


Repeating Solenoid Driver



Board Size: 2.8" x 2.2"

Setup / Operation:

Preset "D" sets the fire rate. (Speed - On / OFF)

Preset "T" sets the burst time. (Time / Count Rate - Repeat)

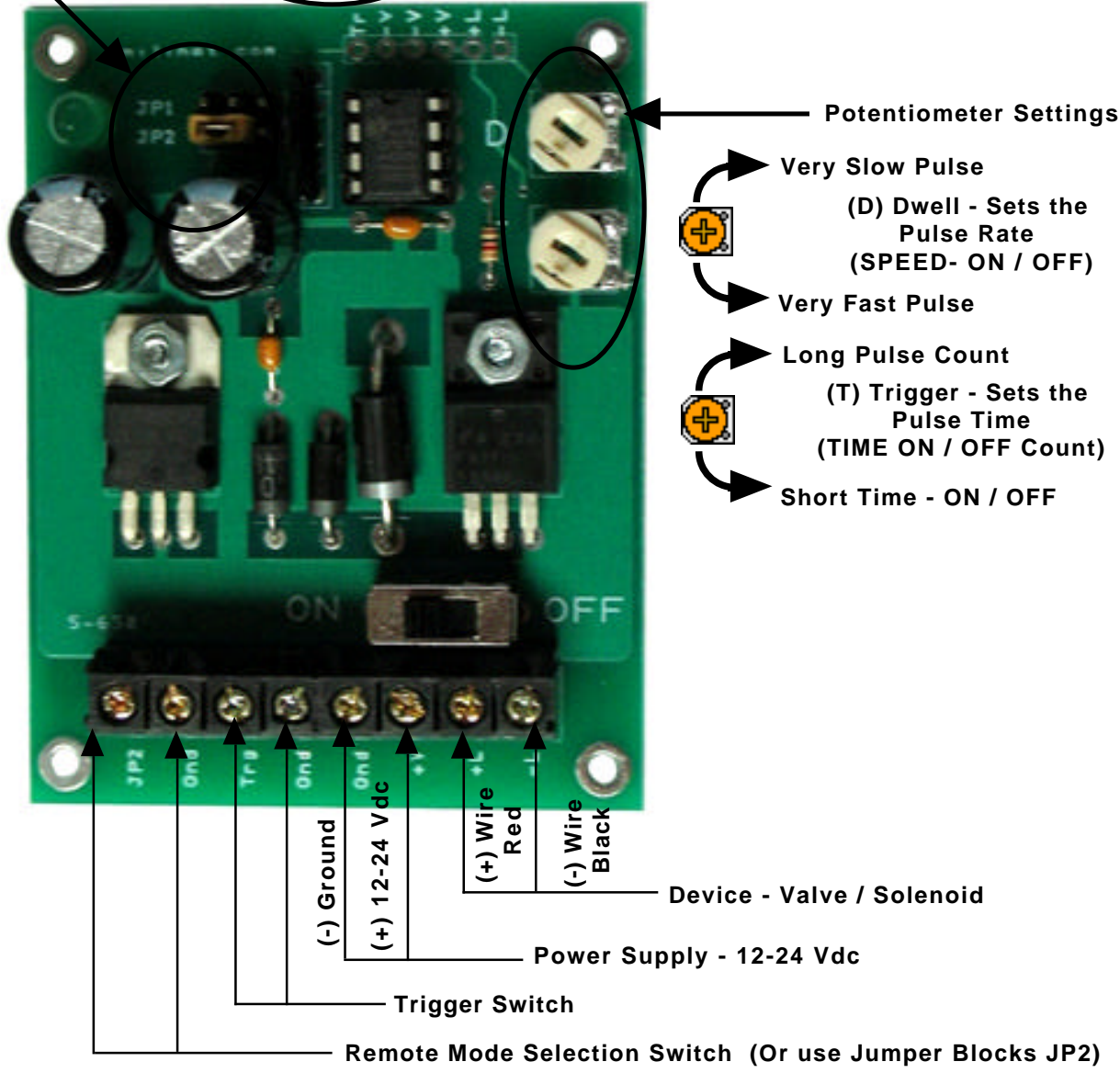
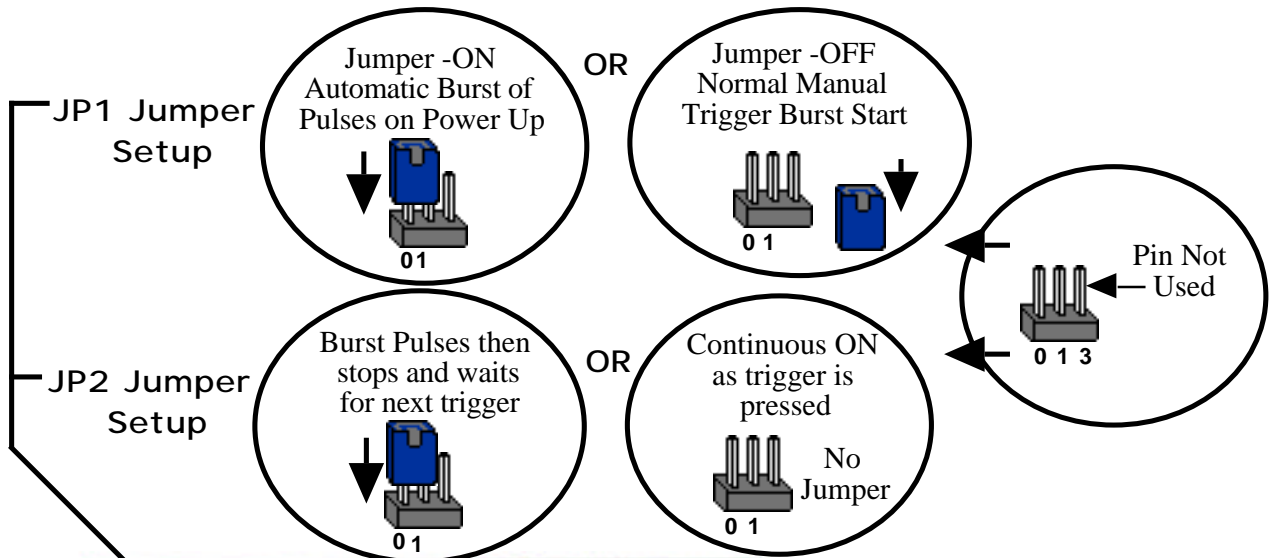
JP2- sets the fire mode:

Install JP2 jumper (JP2 jumper ON Pins 1, 2) for a burst mode.
(Burst of pulses when trigger activated and then stops and waits for the trigger to be released and re-activated) (Rates are set by D and T presets)

JP2- Remove Jumper JP2 (Jumper Off pins 1,2) for continuous mode.
(Pulses continue only while the trigger is pressed)

JP1- If Jumper is Installed (JP1 Jumper ON Pins 1,2) then a burst of pulses will be triggered automatically everytime the board powers-up. (Rates are set by D and T presets)

- (1) Connect Supply Power to +V and Gnd (12-24 Vdc Range) (Red = + Black = Gnd)
- (2) Connect Valve / solenoid wire leads to +L and -L (Check for correct + / - connection)
- (3) Attach Trigger Switch between Trg and Gnd wire terminal connections
- (4) Power on board and adjust Preset T and D settings as needed.
- (5) Press trigger for pulse / burst



Custom Equipment, Unique Electronic Products

Blue Point Engineering

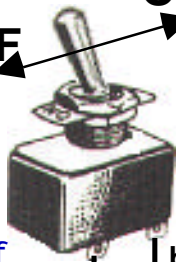
www.BPEsolutions.com
Phone (303) 651-3794

Repeating Solenoid Driver Board Overview

JP2 Mode
REMOTE Activation

OFF ON

SPST
On / Off
Toggle Switch

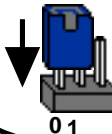


When Turned On - Will set driver board in the Burst Pulses then stops and waits for next Trigger Press Mode

Remote Switch
- OR -
JP2 Jumper Setup

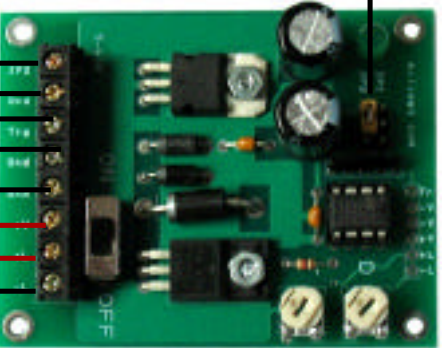
Optional

Burst Pulses then stops and waits for next trigger



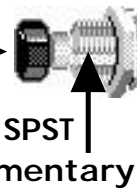
OR

Continuous ON as trigger is pressed

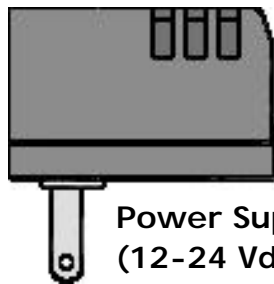


TRIGGER SWITCH

Push Button Switch



SPST
Momentary



Power Supply
(12-24 Vdc)

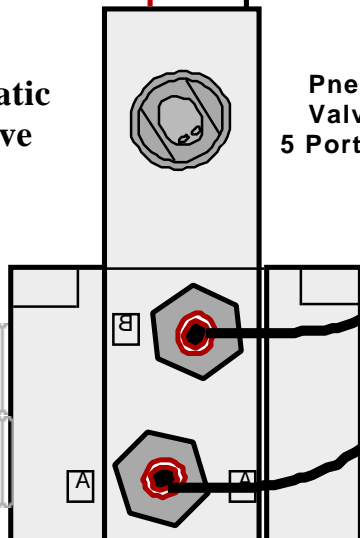
Black - Vdc
Red + Vdc

+ Vdc
- Vdc

DEVICES
(12-24 Vdc)

Pneumatic Valve
LED Light Bars

MAC -
Pneumatic
Air Valve



Pneumatic
Valve Bank
5 Port / 2 Stack

Pneumatic Cylinder



Air-IN
From Supply
Tank

Air Hose to
Cylinder #1 A

Air Hose to
Cylinder#1 B



Example Prop

Repeating Solenoid Driver Board Overview

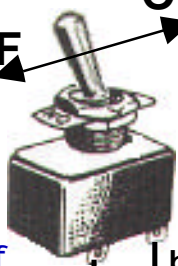
JP2 Mode
REMOTE Activation

When Turned On - Will set driver board in the Burst Pulses then stops and waits for next Trigger Press Mode

Optional

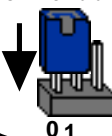
OFF ON

SPST
On / Off
Toggle Switch

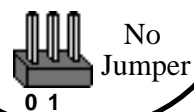


Remote Switch
- OR -
JP2 Jumper Setup

Burst Pulses then stops and waits for next trigger



Continuous ON as trigger is pressed



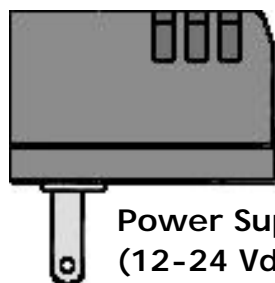
JP2 Jumper Setup

TRIGGER SWITCH

Push Button Switch



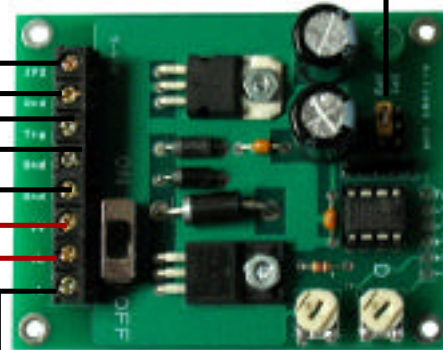
SPST
Momentary



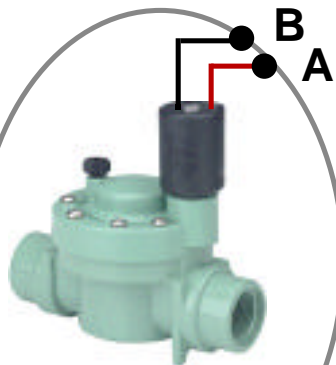
Power Supply
(12-24 Vdc)

Black - Vdc
Red + Vdc

A + Vdc
B - Vdc

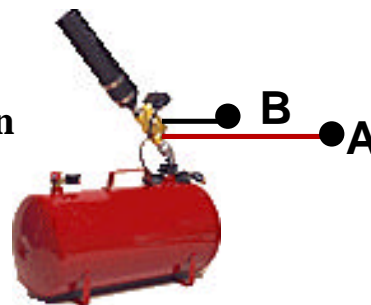


(12-24 Vdc)
DEVICES



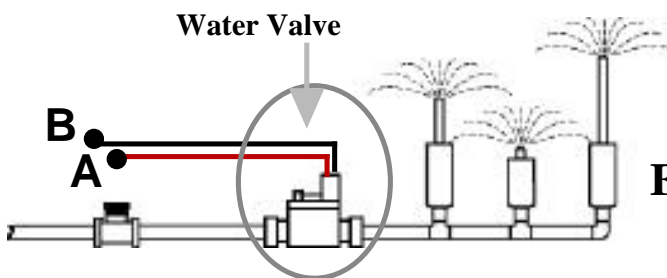
Lawn Water Valve
(12 Volts dc)

Air Cannon



Water Valve
Application

Water Source
IN



Fountain
Heads