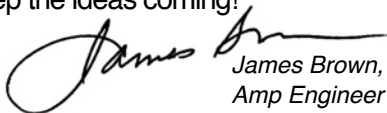




**Welcome! Thanks for purchasing your SwirlPool™ pedal, another Amptweaker™ handmade product designed with your advice.** The SwirlPool tremolo and vibrato pedal is based on 60's amplifier circuits, with added tweaks like adjustable synchronization and dual speeds. The blended effects create many unique cool 'swirly' tones, and it can even ramp between them like a rotary speaker. Keep the ideas coming!

  
James Brown,  
Amp Engineer

### **Cool Ideas:**

- Dual Speed and Vibe controls, with ramp switch
- True Bypass switching—and Dual Speed footswitch
- Shared Tremolo (can be defeated for Speed 2)
- Sync switches slide Tremolo/Vibe LFOs apart
- Surf Vibe Tone and Jerky Tremolo switches
- Master Volume control to easily match bypassed levels
- Pre/Post selectable Universal Effects Loop
- Speed 2 Loop(pre) comes on with Speed 2 selection
- Works as separate Tremolo & Vibe via 'hidden switch'
- LED lit knobs when using an 18V DC adapter

# How does the **SWIRL POOL™** work?

**Sync switches**—these 2 switches slide the Tremolo & Vibrato LFOs apart for 4 different subtle variations

**Volume**—a Master Volume, set for boost or balance with bypass levels

**Tremolo**—increases intensity, shared by both Speeds 1 and 2

**Speed 1&2**—sets the LFO speeds, and affects both Tremolo and Vibrato speed

**Surf**—changes Tone & Vibe for a cool, deeper effect

**Vibe 1&2**—increases intensity of Vibrato (pitch) effect, blending it with the Tremolo (volume) effect.

**Ramp**—turn on 'rotary' ramping between Speed/Vibe1 and Speed/Vibe2

**Jerky**—makes Tremolo jerky....

**Output Jack**—connect to the next pedal's input or amp

**True Bypass Switch**—directly connects Input Jack to the Output Jack, bypassing loops.

**Speed 1 or 2 Switch**—toggles between Speed/Vibe 1 and Speed/Vibe 2, and bypasses Speed 2 Pre Loop (true bypass)

**DC Jack**—use 18VDC regulated supply, center pin ground(-)

**Input Jack**—from guitar or previous effect. The batteries disconnect when unplugged





**Battery Door**– The battery door is held closed by magnets, and can be opened just by pulling out...no tools needed!

**LEDs**–light up the knobs if an adapter is used

**Battery Switch**– This switch turns the batteries off when not in use. No need to unplug the input- disabled when using an adapter

**Speed 2 Loop**– this Pre-series loop is only active when speed 2 is selected

**Universal Effects Loop**- effects in this series loop work when the SwirlPool is On. A switch on the bottom positions this loop before or after the Tremolo/Vibe circuit.

### Specs:

- Input impedance: 240K Ohm (effect on)
- Output Impedance: 1K Ohm (effect on)
- Current: 43mA with 2-9V batteries, 62mA with 18V adapter(adapter adds knob LEDs) battery life is limited...keep battery clips taped when not in use
- Adapter: 18VDC adapter w/5.5mm X 2.1mm positive barrel center ground(-)
- Housing: 14 Gauge galvanized steel
- Weight: 3 pounds, Dimensions: 5.625"W X 5"D X 2.125"H

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## Other Tips & Tricks:

- Distortion or Overdrive pedals will sound brighter with the Effects Loop set to Pre, but will increase the SwirlPool's noise if used set to Post...try both ways.
- A boost can be used in Speed 2 Loop to create a cool solo tone, even if the Speed/Vibe is set the same as Speed 1.
- Try putting a 2nd modulation effect in Speed 2 for double Swirl!
- Use Pre/Effects Send as a switchable 'clean' send to another effects chain, or amp...also works with Speed 2 loop to send only when Speed 2 is on, for example to a rotary speaker cabinet.
- Select Post/Effects Send to use it as an auxiliary send to another amp AFTER the SwirlPool for a bigger stereo sound when on.
- If either Vibe is down it ramps away as the speed changes!

## Hidden Tweaks under the battery compartment

**Ramp Time-** turn clockwise for longer ramping between speed & vibe settings

**Universal Loop Pre/Post Switch-**positions the loop before or after the SwirlPool

**Speed2 Tremolo Disable-** switch to the right and Tremolo will only work on Speed 1

