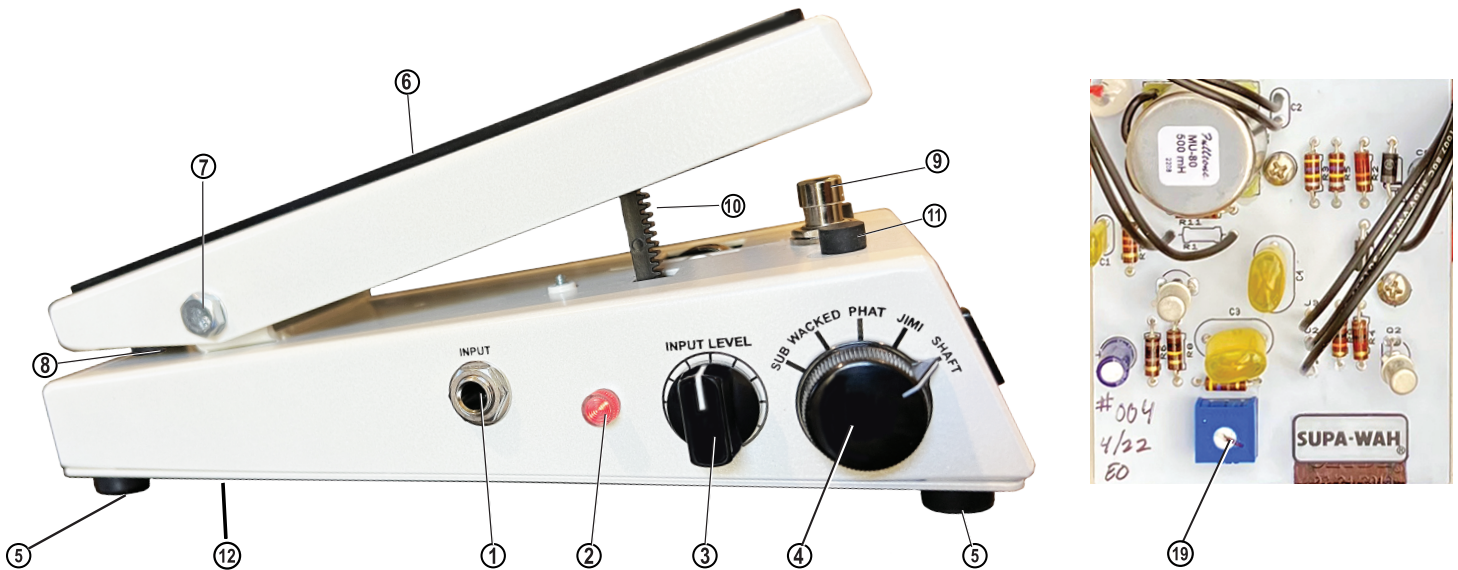




# SUPA-WAH®

## OWNER'S MANUAL

Version 1.0 Serial #0001 and higher



**INPUT JACK (#1 above):** Connect a MONO 1/4" cable (from your Guitar) into this jack. Always use good quality shielded cables with solder-type connectors. Never use TRS (stereo) cables.

**TRANSISTOR GAIN TRIMMER (#19)** is factory-set to the appropriate Bias so there is no need to adjust it. Turning this Trimmer CW will increase gain and thicken up the wah effect as well as increase Bass response a bit, but going too high is not advised because at some point you will lose definition as well as Wah performance.

**STATUS L.E.D. (#2)** is lit bright red when the Wah is turned ON and unlit (clear/white) when the pedal is turned OFF

**INPUT LEVEL KNOB (#3)** is not a volume control. Instead it adjusts the signal level entering the Wah circuit. Rotate this knob Clockwise (CW) to increase signal entering the pedal and to overdrive the Wah circuit. Turn this knob Counter-Clockwise (CCW) to reduce distortion caused by high-output pickups or for a cleaner sound without break-up.

### 5-POSITION ROTARY MODE SWITCH (#4):

**Position 1 SUB** is reminiscent of a setting on the old 1970s Foxx Fuzz/Wah pedals with very deep Bass...almost synth-like, great for Bass too.

**Position 2 WACKED** is reminiscent of the old Colorsound Wahs....more of a "wow" sound with deep bass response.

**Position 3 PHAT** is the perfect range for distorted guitar! It doesn't get any thicker than this.

**Position 4 JIMI** is our recreation of the late '60s Vox Clyde McCoy Wah sound as used by Hendrix and Eric Clapton.

**Position 5 SHAFT** shifts the whole range up a little to capture the '70s sounds heard on all those funk classics and cheesy movie soundtracks.

The **TREADLE (#6)** is like a gas pedal. When you rock forward the treble increases, when you rock backward, the treble decreases.

**REAR BUMPER (#8)** is what the treadle rests on when it is rocked back fully to heel position.

The **ON/OFF SWITCH (#9)** is located at the front of the pedal. Turn the pedal ON by rocking the treadle fully-forward then putting your weight into it until you feel a "click." The LED will light bright red, indicating that the pedal is switched ON. Repeat to turn the pedal OFF. When the the pedal is OFF none of the pedal's features (including the buffer) are active. We incorporate True-Bypass switching (with Millennium LED activation) in our Wah pedals for the least amount of signal degradation when the pedal is OFF.

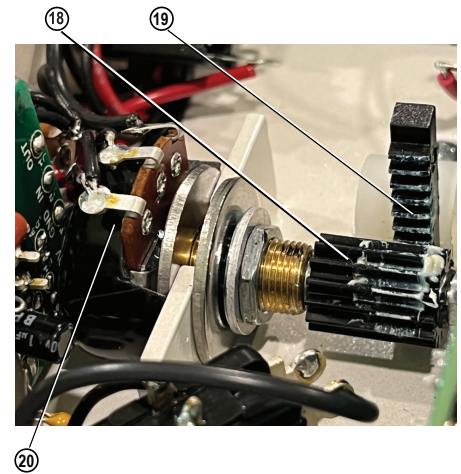
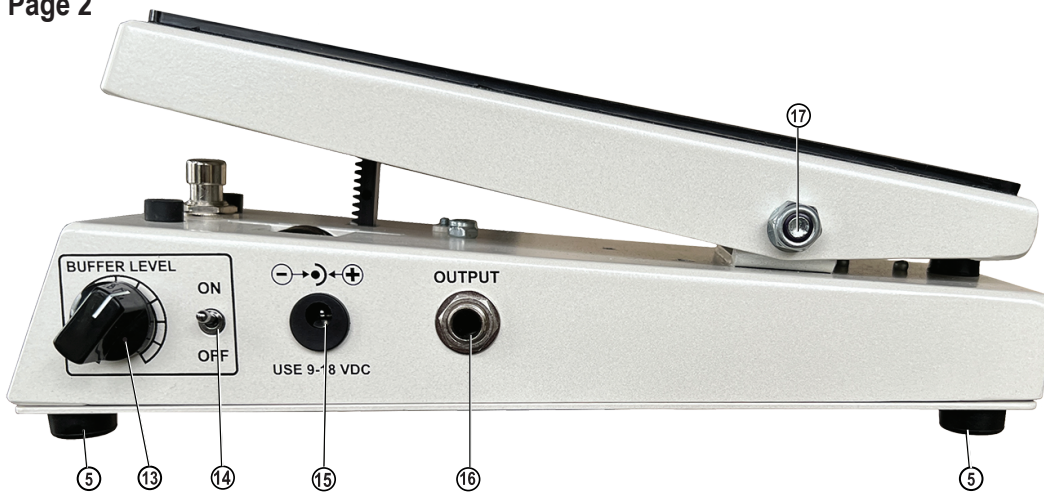
**TREADLE RACK (#10)** is the straight black plastic part (with teeth) that rotates the gear (located on the wah-pot inside the pedal) to make the "Wah" sound.

**FRONT BUMPERS x 2 (#11)** cushion the treadle when it is rocked all the way forward and while turning the pedal ON and OFF.

**BOTTOM-PLATE (#12):** To open up the pedal, remove 4 Rubber Feet (#5) by using a phillips-head screwdriver and turning the screws CCW.

**Warning!** There is a cable connecting the bottom-plate to the housing, so remove the bottom-plate and set it off to one side, making sure that this cable does not hang up on anything inside the pedal. This Ground-Strap Cable helps eliminate a tremendous amount of hum by creating complete continuity between the steel housing and the steel bottom-plate. To reassemble the pedal, reinstall the screws and re-tighten the screws by turning them CW. Do not overtighten beyond the point where the feet stop rotating or appear to be squashed down.

**BATTERY:** To access the 9 volt battery, Remove the bottom plate, replace the battery, and re-install the bottom-plate.




**OUTPUT JACK (#16):** Connect a MONO 1/4" shielded guitar cable going to other effects and/or your amplifier.

The **TREADLE ADJUSTMENT NUT (#17 above, and #7 on Previous Page)** determines how much pressure it takes to rock the Treadle backward and forward. If you find that the treadle feels loose and doesn't stay in a fixed position, use a pair of 11mm open-end wrenches to tighten the nut by holding one of the wrenches stationary and turning the other wrench CW no more than a 1/4 turn. Check the treadle action, if more is needed continue tightening 1/8 turn turn at a time until you reach desired feel. Do not overtighten, as this will give the treadle too much resistance and make rocking it back and forth too difficult.

The **FWP-2 200k Potentiometer Gear (#18) and Rack (#19)** are essential for creating the "wah" range of sound and are adjusted to perfection before the pedal leaves the shop. Do not adjust this unless you are experienced or damage will occur and your warranty may be voided. This pot has a limited rotation and takes skill to adjust correctly. Visit [youtube.com/fulltoneeffects](https://www.youtube.com/fulltoneeffects) for an instructional video regarding adjusting and maintaining your wah pot correctly.

**CLEANING THE POT** is occasionally necessary every 6 months or so or when you hear a scratchy sound as you rock the treadle back and forth. Open the pedal, pull back the vinyl dust cover (#20) and spray only a half seconds worth of Caig DeOxit D5 Tuner Cleaner/Lubricant directly into the opening of the pot. Then rock the treadle back and forth 10 times or so, push the vinyl dust cap back over the opening, and you should now have a quiet wah pot.

**BUFFER/BOOSTER (LEVEL #13, SWITCH #14):** The JFET buffer/booster is only active when it is switched ON and when the pedal is turned ON. It allows the wah to work better with certain pedals and hi-gain amps. You can also use it as a volume booster so your Wah will cut through the mix when it's turned on. Too much boost will overload your amp, which may or may not be desirable.

**DC POWER PORT: (#15)** You may run this device on a 9 volt battery, a high-quality, regulated 9 volt DC wallwart (not included), or high-quality 9VDC to 18VDC regulated pedalboard powersupply. The power supplies' plug must be configured standard 2.1mm x 5.5mm barrel plug wired *Negative to Center Pin* configuration, as per following diagram:  Fulltone Power Supplies are available for purchase at <https://store.fulltone.com/collections/accessories>.

**WARNING!** Avoid unregulated power supplies because they induce hum and other noises. Avoid switching-type power supplies (except for our IPS-9) as they can inject noise that will be heard through the amp.

#### SPECIFICATIONS:

Input impedance: 30K-100K ohms depending on Treadle position and Input Gain control

Output Impedance with Pedal ON/ Buffer ON: 22K ohms

Output Impedance with Pedal ON / Buffer OFF 22K-200k ohms, depending on treadle position

Dimensions: 4.9"W x 10"L x 3.3"H.

Weight: 3.5 lbs

Power Consumption: maximum 11 milliamps

**WARRANTY:** The Wah Pot warranty is 1 year from date of new-purchase, and is only valid if we determine that you did not damage the pot through the use improper chemicals or technique during cleaning, and wasn't damaged by improper user-adjustment of the rack. To buy a replacement pot, go to <http://www.fulltone.com/pedals/accessories>. Fulltone products carry a Limited 5 year Warranty to the original owner with proof of purchase the item was bought from an Authorized Fulltone Dealer. The Warranty covers failure due to manufacturing errors only and is void if any mod or repair is performed by anyone other than us or if we deem that any operator-caused abuse or damage has occurred. Non-warranty examples include: the use of an incorrect power supply, a dropped pedal, water damage, etc. Fulltone Musical Products Inc. is not responsible for and injuries and/or damages related to the use of its products.

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For more info and expanded information & videos go to [www.FulltoneUSA.com](http://www.FulltoneUSA.com)