

# ROCKTRON

TECHNOLOGY FOR GUITARISTS

## Sweet Spot Instruction Manual



This pedal is:



May be covered by one or more of the following: U.S. Patents #4538297, 4647876, 4696044, 4745309, 4881047, 4893099, 5124657, 5263091, 5268527, 5319713, 5333201, 5402498 and 5493617.

Other patents pending. Foreign patents pending.

# Compliance



Your Sweet Spot™ pedal has been tested and complies with the following Standards and Directives as set forth by the European Union:

**Council Directive(s):** 89/336/EEC Electromagnetic Compatibility

**Standard(s):** EN55013, EN50082-1

This means that this product has been designed to meet stringent guidelines on how much RF energy it can emit, and that it should be immune from other sources of interference when properly used. Improper use of this equipment could result in increased RF emissions, which may or may not interfere with other electronic products.

To insure against this possibility, always use good shielded cables for all audio input and output connections. This will help insure compliance with the Directive(s).

For more information about other Rocktron products, please see your local dealer or one of our importers closest to you (listed on the Rocktron website ([www.rocktron.com](http://www.rocktron.com))).

Read all instructions contained in this manual.

Keep these instructions

Heed all warnings

Follow all instructions.

Do not use this apparatus near water.

Clean with dry cloth

# Precautions

Refer all service to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply or plug is damaged, liquid has been spilled or objects have fallen into the apparatus or if the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

**DO NOT ATTEMPT TO SERVICE THIS EQUIPMENT. QUALIFIED PERSONNEL SHOULD SERVICE THIS EQUIPMENT ONLY. DO NOT MAKE ANY INTERNAL ADJUSTMENTS OR ADDITIONS TO THIS EQUIPMENT AT ANY TIME OR TAMPER WITH INTERNAL ELECTRONIC COMPONENTS AT ANY TIME. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID THE WARRANTY OF THIS EQUIPMENT AS WELL AS CAUSING A SHOCK HAZARD.**

## OPERATING TEMPERATURE

Do not expose this unit to excessive heat. This unit is designed to operate between 32 F and 104 F (0 C and 40 C). This unit may not function properly under extreme temperatures.

Do not block any ventilation openings (if applicable). Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.

This product is not equipped with a plug or cable. This pedal runs on a 9 Volt Battery, if a 9Volt DC adapter is the used please follow adapter manufacturer's operation instructions.

Only used attachments/accessories specified by the manufacturer.

Do not use this product with any case, stand tripod, bracket or table that is not specified by the manufacturer. Insure that the case, stand, tripod, bracket etc. is properly adjusted and setup (follow all instructions). Extra care and caution should be taken to avoid tip over and injury.

Unplug this apparatus during lightening storms or when unused during long periods of time.

## Introduction:

The Sweet Spot is like a fixed wah.

Many of today's players use a wah pedal to *accent* their overall sound rather than using it specifically to create the “wah-wah” effect.

Unlike a wah -wah where you have to move the pedal around to find the tone you are looking for when playing, the Sweet Spot allows you to dial in the exact tone you desire. You can then access this tone by simply turning on and off the pedal using the footswitch.

The Sweet Spot allows you to select from three different wah types -NORMAL, CLASSIC and BASS. NORMAL is a more modern wah frequency. CLASSIC is similar to the old vintage wah's of past. And BASS is a great selection to use for 7-String Guitars, Guitars with low tunings or heavier gauge strings and awesome for BASS players seeking that “edge!”

Then you use the SWEET SPOT knob to adjust the wah frequency of the selected WAH type.

The clincher is the MIX Control. This control allows you use a little, or a lot of Wah effect to the main signal. Thus if you only want to have a little bit of Sweet Spot “wah frequency” added to your main signal you can mix it in using this knob. If you want more - just turn the knob to the right and it is full on.

The tonal possibilities are endless with the Sweet Spot!

# Descriptions



## Descriptions continued.....

- 1 WAH Control - NORMAL, CLASSIC and BASS allows you to select the wah “TYPE” to be added to the signal.

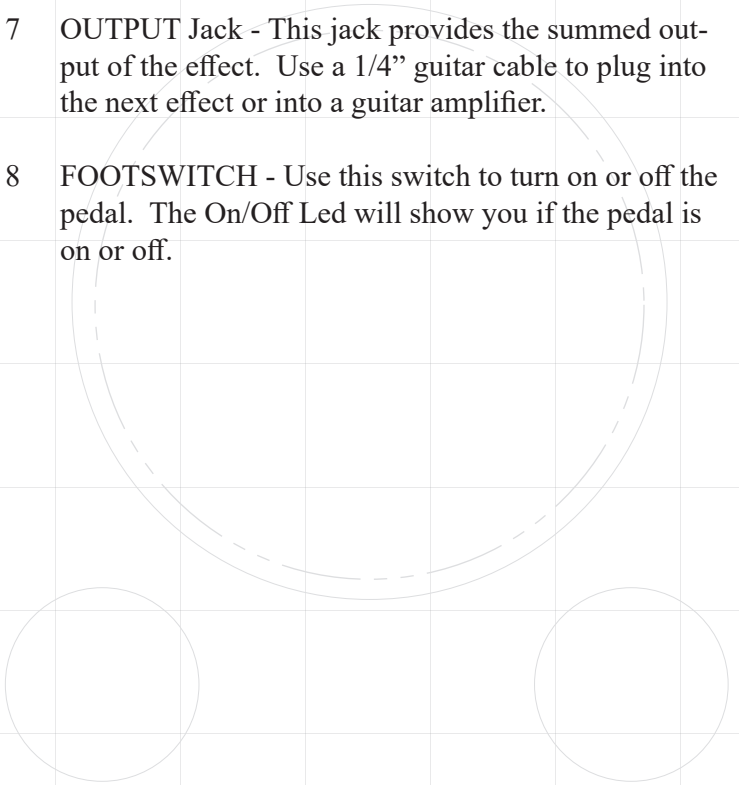
NORMAL is a more modern wah frequency.

CLASSIC is similar to a vintage wah frequency.

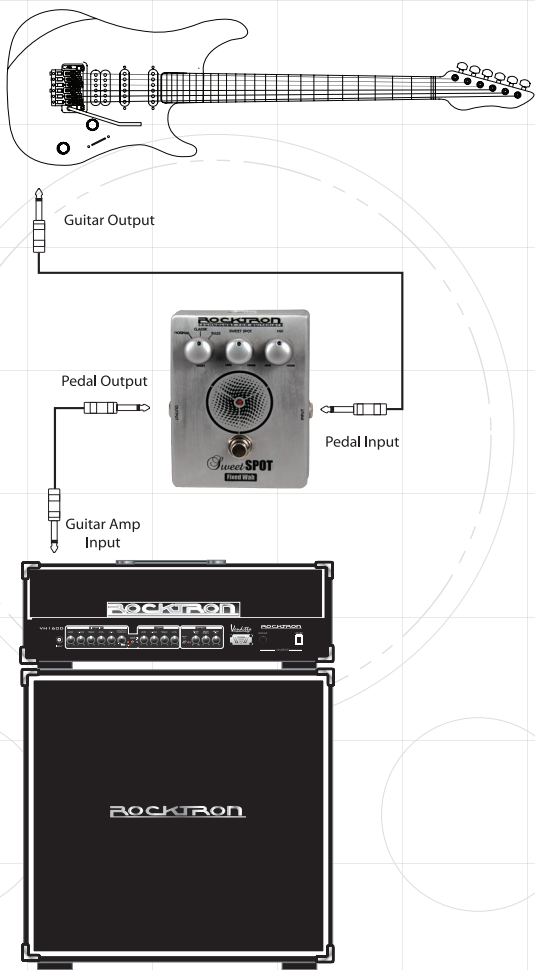
BASS is ideal for 7-String Guitars, low tunings or for BASS

- 2 SWEET SPOT Control: Adjusts the wah frequency of the selected WAH type.
- 3 9VDC Input - This input jack provides 9VDC power to the pedal from the Rocktron DC OnTap 9V power supply (sold separately).
- 4 MIX Control -Adjusts the amount of Wah Effect added to the main signal. Turning the knob to the right adds more wah to the main signal. Turning the knob to the left only adds less wah to the signal.
- 5 ON/OFF Led - This LED shows if the pedal is on or off. When the LED is light the pedal is on. When the LED is not light the pedal is off.

## Descriptions continued.....

- 6 **INPUT Jack** - Using a standard 1/4" guitar cable, plug your guitar into this jack.
  - 7 **OUTPUT Jack** - This jack provides the summed output of the effect. Use a 1/4" guitar cable to plug into the next effect or into a guitar amplifier.
  - 8 **FOOTSWITCH** - Use this switch to turn on or off the pedal. The On/Off Led will show you if the pedal is on or off.
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# Typical Connection






# Specifications

Maximum Input	+10dBu
Input Impedance	470k $\Omega$
Output Impedance	100 $\Omega$
Sweet Spot Sweep Range	400Hz to 2KHz
Current Consumption	15mA
Power Requirements	9V Alkaline Battery or Rocktron DC OnTap Universal Power Supply (sold separately). Negative tip.
Dimensions	95mm x 120mm x 56mm 3.75" x 4.75" x 2.25"
Weight	450g 15.87 oz

DC 9V



## How to change the battery:

To change the battery, turn the pedal over and remove the 4 screws on the bottom. Remove the back cover. Carefully remove the old battery and replace it with a new 9V Alkaline battery. Replace battery in the same area as the old battery was located. Place the back cover on the pedal and re-insert the screws.

*Save money without battery purchases by using the Rocktron DC OnTap Universal Power Supply to power this pedal (sold separately). The Rocktron DC OnTap provides a constant flow of power to the pedal, unlike a battery that will degrade over time. The Rocktron DC OnTap Universal Power Supply can also power up to 20 pedals and can be used with both 110V and 220V power sources.*

*Visit [www.rocktron.com](http://www.rocktron.com) for more information on the DC OnTap and where to purchase.*



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