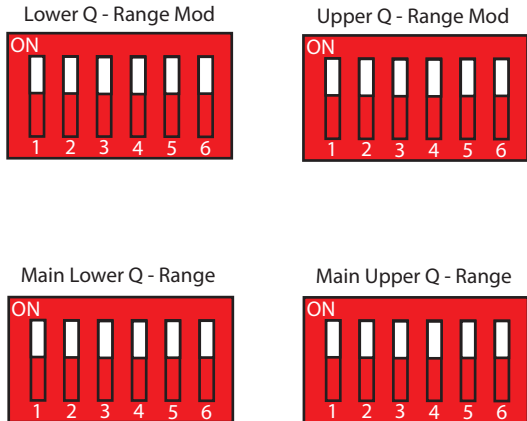


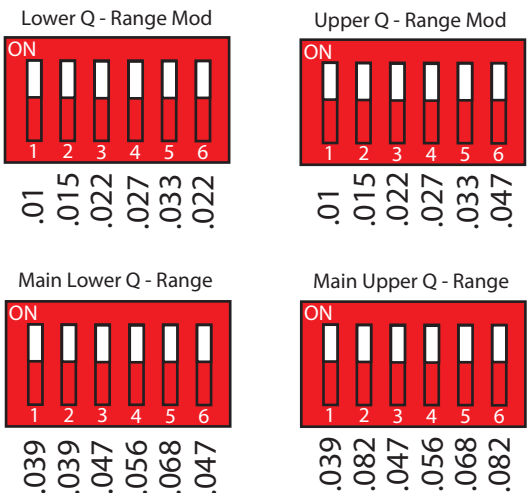
Freaker Wah V.3 Technical Setting Sheet

This is an overview of the interior DIP switch settings of the Freaker Wah V.3. If you open your new wah with toe end facing down you will see a bank of 4 DIP switches as pictured below.



Each of these switches are labeled in reference to their function in the circuit. The Main Upper Q-Range switch controls the heel down range of the pedal and the Main Lower Q-Range controls the toe down range of the pedal. If you do nothing to the stock setting of these switches the pedal will operate exactly like the Freaker Wah V.2 as all of the switches will be in the on position on the Main DIP switches. Each switch on the Upper Q-Range Mod switch corresponds with the same number switch on the Main Upper Q-Range DIP switch. The same goes for the Lower Q-Range DIP switches.

The DIP switches have a capacitor value attached to each numbered switch. The values are different for each switch. The graphic below illustrates these values.



Notice that the Upper Q-Range value is set to equal the value or greater the value of the Lower Q-Range setting. **THIS IS VERY IMPORTANT!** If the Upper Q-Range setting is below the value of the Upper the pedal will squeal and not function properly. Each switch on the Upper Q-Range settings number corresponds with each other. These also correspond with the external 6 position switch. Switch 6 on the DIP switches will affect the external switch when it is dialed all the way towards the toe of the pedal. Switch 1 will affect the external switch setting dialed all the way to the heel of the pedal. Switch 2 would be one click from the heel ect... Each DIP switch number only affects the Main switch number in the circuit.

For example, you can turn on both Main Upper Q-Range switch 6 and Upper Q-Range Mod switch 6 to add more low range to the heel or, you can turn Main Upper Q-Range switch 6 off and leave Upper Q-Range Mod switch 6 on to add more high end to the heel of the pedal. Keep in mind that the value of the Lower Q-Range switch 6 will need to be equal to or lower than the sum of the Upper Q-Range 6 switches. For example Upper Q-Range switches 6 when combined equal .129 and lower Q-Range switches combined equal a sum of .069. If you were to leave Main Upper Q-Range Switch 5 off and Upper Q-Range Mod switch 5 on with Main Lower Q-Range switch 5 on and Lower Q-Range Mod switch 5 off the pedal will squeal and not work properly as the lower Q-Range setting total is a higher number than the Upper Q-Range setting. .