



EQ. It's one of the most misunderstood and misused part of our signal chains... EQ is everything. It's what makes every pedal sound like it does, it's what makes every amp sound like it does... a lot of people think that certain parts or tubes are the deciding factor, although important, nothing shapes a tone like placing the right EQ in the right place. Why do we overlook it so much? The simple answer, I don't know... maybe it's because it's not glamorous and not as exciting as a tube, or maybe because it's hard to visualize in the same way we can other parts of the chain. Look at fuzz pedals, the reason they sound the way they do is because of a certain shape EQ hitting the gain stages, in virtually the same way it does in a dumble amp. Look at our favorite amps, the inherent 'smiley face' EQ in them makes them sound like that... and what do we do, we put an opposite EQ curve into them to make them sing... All this is EQ.

When designing the perfect EQ pedal, we located the frequencies that we are used to hearing, without necessarily knowing what they are, and highlighted them. The bass is centered around that warm depth, the highs are around the areas of glassiness, and the mids... well, to properly control the mids you don't need one, you need two options to really cover the bases. Not high and low mids, but 2 controls over the entire spectrum to give maximum versatility.

Why does a TS sound the way it does? Why does a K style pedal sound that way, what makes a 4x12" give it's thump? What makes a tube amp have it's glassy sound... it's all in the EQ. And with the EQuator, we can give you all those within one pedal to tweak as you desire.

To get the most out of your new pedal, you'll want to become very familiar with the controls. The EQuator features Volume, Bass, Treble, 2 Mid levels, and 2 Mid Frequency controls. These can give you a HUGE amount of variation and flexibility just from the gear you already have... this is the perfect pedal for you to get lost in exploring various combinations and finding tones you didn't know your rig was capable of.

**Bypass** – A relay based true-bypass footswitch that ensures your signal is unaffected when bypassed.

**Volume** – Controls the overall level of the pedal. The EQuator can be used as the perfect clean boost driving your other pedals or amp for more gain, or you can use the pedal as an end-of-chain tone shaper... so, you'll want high volume for one and unity for the other... Testing is the easiest option. Put it in all places in your signal chain, find where it works best for you.

**Bass** - Active control of 130hz, plus and minus 19db. As always, how this reacts all depends on where you put it in your signal chain. If placed at the end of your chain as a tone shaper, this will react like suddenly putting your amp through a closed back 4x12" cab... A large amount of warmth and thump will appear... It can also give the impression of tightening up the bass when cut to the right amount... When positioned pre-gain, you can start to smash the low end of the tone, giving your overdrives and distortion fuzz characteristics when pushed hard. When pushed in a more subtle way, you can thicken up your tone to sound a little like a D-style amp. Don't overlook the bass control, find that sweet spot and exploit it fully.

**Treble** - 7kz, plus or minus 19db... The location of the sparkle and chime. Now, many amps are known to sparkle and be potentially bright and responsive... On the flip side of that, this is also where certain rooms can cause your ears to ring for days afterwards. By controlling the high end of your signal before it hits the amp, you can bring that shrillness back under control. On the flip side, if you are looking to brighten up your amp a little, here is where to bring it back in. When you stick it before pedals, you can make the pedals that sit behind it react completely differently. You can make that drive cut through a little more, give it a little more brightness and make sure you can be heard without increasing the volume dramatically.

**Mid Levels** - This is where the majority of your tweaking will take place... when you choose your frequency, these will be places where you can cut or boost. Mid 1 can cut or boost the selected frequency by up to 15db. Mid 2 can cut or boost the selected frequency by up to 25db. As you can imagine, this is a MASSIVE amount to play with, so don't be shy to slowly bring them in and out to find your sweet spot. We'll be very surprised if you end up at the extremes of these controls. There are some fun tones hidden when pairing the two levels together with various mid frequencies. It's all about tweaking and finding those hidden tones.

**Mid Freq.** - This is where the fun really starts! Mid1 allows you to sweep between 238hz and 5khz. Mid2 ranges from 480hz to 4.8ktz. So, you have a lot of room to choose the places you want to tweak. This isn't just low and high mids, this is pretty much all of the mids available to you on both. So, where do we go from here... Well, if you are using the EQuator as a tone shaper, you'll be looking to tame some of the mids, maybe scoop out between 1k and 2.2k, probably closer to 2.2k - that's your classic mid scoop location and will make any amp give you a little bit of a smiley face feel. When you are using this pre gain, whether that be your amps gain or drive pedals, you'll want to take note of some of the frequencies highlighted...

Mid 1 has a larger Q, while Mid 2 has a more narrow Q, so you have the option to really nail down the style of change you make between the two controls.

**723hz** is your classic TS boost point - so, if you are looking to give that famous little green mid hump to push your amp into a tighter territory, this is frequency to hone in on. A lot of players use their little green overdrive pedal with the gain set to 0 because of the EQ change, this is the way to do it in the cleanest and most useable way you can image. All the tone, none of the unnecessary compression...

**1k** is your classic K style pedal hump. Once again, this is the place to hone into if you are looking to give that famous fatness and response. As mentioned above, a lot of players employ these pedals with the gain on 0 or barely just above because of the hump, using this frequency will give you that hump but without the increased compression and muddiness that can be found on those pedals. As those pedals are known to be a little missing on the bass end, using the EQuator to bring the bass back in.

**2.2K** - the classic scoop. Is your amp a little fluffy around the mid range? Use the EQuator to clear it up...

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**FOR YOUR PROTECTION.** Please complete the online warranty registration within (10) ten days of the date of purchase so that we may contact you directly in the event of a safety notification issued in accordance with the 1972 Consumer Product Safety Act.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantees that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experience radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's warranty to operate the equipment.

**CUSTOMER SUPPORT.** Our dedicated staff is ready to help you with any warranty or product questions - please email us at [help@wamplerpedals.com](mailto:help@wamplerpedals.com) or call us on (765) 352-8626. Please remember to register your pedal as soon as possible after purchase at the following web page to ensure quicker service if you should ever need to make a warranty claim:

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