



# Quintet™ Tone Curve Pedal

## Instructions

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The THD **Quintet™** Tone Curve Pedal is a new type of tone control pedal designed to give 5 new sounds from each of your existing pickups combinations. As it interacts differently with different pickups, it will give a different sound to a humbucking pickup than to a single-coil, and different sounds to two different pickups of the same type (single-coil, humbucking, etc...) if they are of different designs or have a different number of turns of wire.

The **Quintet** Pedal has a 5-position rotary switch which allows you to select among the 5 tone curves and an Intensity control to let you tailor the amount of change that the pedal makes when you activate it.

As the **Quintet** Pedal needs to directly interact with the coils of the guitar's pickups, it needs to be the first item in the signal chain after the guitar or bass itself. Any other effects that you may use have to go after the **Quintet** Pedal or the **Quintet** will not function properly if at all.

Also, the lower you turn down the volume control on your guitar, the less the effect of the **Quintet** Pedal. For maximum effect, turn your guitar's volume control all the way up.

Please Note: The **Quintet** will not work properly with active or Piezo pickups. (Piezo pickups are used in most acoustic guitars and in the bridges of some solid-body and hollow-body electric guitars to simulate the sound of an acoustic guitar.)

There are five different circuits in the **Quintet**, each with its own effect on your pickups.

### **The Quintet's 5 Sounds:**

The **1st** sound reduces the treble, gives a boost at about 320Hz, and a cut at about 1200Hz, a small rise at 2200Hz, and a drop off as the frequencies go up from there. This setting makes most bridge pickups

sound like they are in the neck position.

The **2nd** sound gives a boost at about 300Hz, and a substantial cut at about 800Hz, with a slight rise at about 2200Hz and a slight treble reduction above about 4500Hz. It will make a humbucker pickup sound more like the in-between setting on a guitar with two P-90 pickups.

The **3rd** sound gives a substantial boost at about 400Hz, and a cut at about 1200Hz, with a slight rise at about 2100Hz and a slight treble reduction above about 3900Hz. This setting has a huge effect on the midrange character. It will make a Strat® pickup sound more like a Telecaster in-between setting.

The **4th** sound gives a boost at about 500Hz, and a cut at about 1800Hz, with a slight treble reduction above about 4000Hz. This setting will make a Strat® pickup sound more like a Filter'Tron™ type.

The **5th** sound reduces the bass, gives a slight boost at about 700Hz, and a cut at about 2000Hz. This setting is useful for making a pickup sound a bit brighter and clearer, like taking a pickup from series to parallel coil wiring. It also makes a neck pickup more useful for leads.

(Please note, all frequencies listed are approximate and will vary among different pickups and pickup types.)

### **A few thoughts on using the Quintet:**

1. The more inductive the pickup is, the greater an effect the **Quintet** will have. Higher-output pickups tend to have more inductance than low-output pickups, but the **Quintet** will still be quite effective, even on vintage-output Stratocaster® and Telecaster® pickups.

2. The **Quintet** Pedal is excellent for tuning the way a Fuzz Box or Overdrive Pedal responds to your guitar. To get the most out of your Fuzz or Overdrive pedal, put a **Quintet** Pedal before it. You will

love what you can do with the distortion characteristic.

3. The **Quintet** Pedal is entirely passive and does not use a battery, so it will never run down or leave you stranded.

4. The **Quintet** Pedal does not care which jack is the input and which is the output. If it is inconvenient to connect it using the jacks as labeled, feel free to switch the cables. It doesn't matter at all.

5. The **Quintet** Pedal will not work after a wireless system, as the wireless will act as a buffer and will eliminate the **Quintet** Pedal's ability to couple to your instrument's pickups.

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