



# Quintet<sup>TM</sup> Tone Curve Module

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The THD **Quintet**<sup>TM</sup> Tone Curve Module is a new and unique type of tone control designed to install into any electric guitar or bass with passive magnetic pickups. The **Quintet** uses no batteries, is 100% passive, and gives **Five New Sounds** from each of your existing pickup combinations. As with all THD products, they are handmade in the USA using the finest components available, and are 100% tested before shipping.

Unlike other stepped tone controls on the market (which just roll off the treble in steps), the **Quintet** changes the entire tonal response of your pickups, altering their bass, mid and treble resonances in dramatic and highly musical ways.

The **Quintet** passively couples to and interacts with the coils of your pickups, giving you tonal options you've never had before. You can make a Strat<sup>®</sup> pickup sound beefier or a humbucker sound more focused. It can make a bridge position pickup sound like a neck pickup or like a pair of pickups in the middle setting.

The **1st** position 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.

The **2nd** position gives a boost at about 500Hz, a cut at about 1800Hz and a slight drop in treble above about 4000Hz. It will make a Strat<sup>®</sup> pickup sound more like a Filter<sup>™</sup>Tron<sup>™</sup>.

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

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

The **4th** position gives a boost at roughly 300Hz, a substantial cut at about 800Hz, a slight rise at about 2200Hz and a drop in treble above about 4500Hz. This setting will make a humbucker pickup sound more like the middle setting on a guitar with two P-90 pickups.

The **5th** position gives a boost around 320Hz, a cut near 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.

### Three Versions Available:

There are three versions of the **Quintet** available for building into guitars: The **1st** version is for use with your own switch. It comes with 8 solder terminals, so you can connect it to any type switch you choose, be it a lever

switch (like on a Strat<sup>®</sup>), a rotary switch, a toggle switch (to select between two favorite settings), a push-pull switch on a pot, or no switch at all, just using your favorite settings in place of the tone control with a 100K linear pot to adjust the level of the **Quintet's** effect.

The **2nd** version has a built-in 5-position rotary switch which allows easy access to all 5 settings. With this version, you need to have room for the board and switch to be together, and would use a potentiometer to control the intensity of the effect, all the way off being the bypass setting.

The **3rd** version has a built-in 6-position rotary switch, giving instant access to all 5 settings and a hard-wired bypass. This can still be used with an intensity pot mounted to the guitar.

All models come with complete instructions and installations diagrams. As a **FREE GIFT**, all versions come with a custom treble-bypass network to add to your volume control so that you don't lose highs as you turn down your guitar!

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