



Virtual tone pot loading circuit

Duplicates the normal reduction in treble harmonics when a standard tone pot is set to maximum "10" brightness. Add this circuit if the removal of a tone pot ("no load") causes an unwanted increase in treble, or if a ToneStyler's true bypass (clockwise setting) sounds too bright.

To duplicate the loading of a typical six-string guitar's tone pot, wire a 500k Ω resistor in series with a .022 μ F tone capacitor (#223), then wire these two parts in parallel between the hot signal and the ground, as shown.

If the guitar has a 250k Ω tone pot, (eg Strat), use a 250k Ω resistor .

To duplicate the loading of a typical bass guitar's tone pot, wire a 250k Ω resistor in series with a .047 μ F tone capacitor (#473), then wire these two parts in parallel between the hot signal and the ground, as shown.

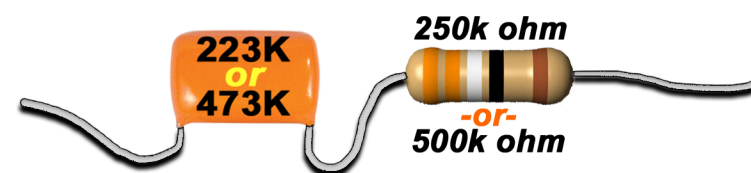
If the bass has a 500k Ω tone pot, (eg humbuckers), use a 500k Ω resistor.

Use other values & combinations of resistors and capacitors to produce a custom "virtual tone pot loading" tonality.

Connect only as shown. DO NOT CONNECT to other circuit points, such as ANYWHERE "post-volume pot", or to the output jack - this doesn't work.

- Wiring Instructions -

Solder one lead of the tone capacitor to one lead of the resistor, in series, as shown



Solder the other two leads of these connected components between the HOT and ground circuits, as shown in the sample wiring below:

