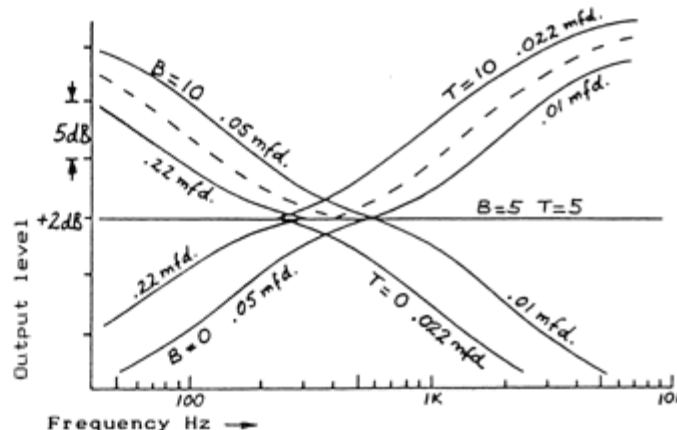


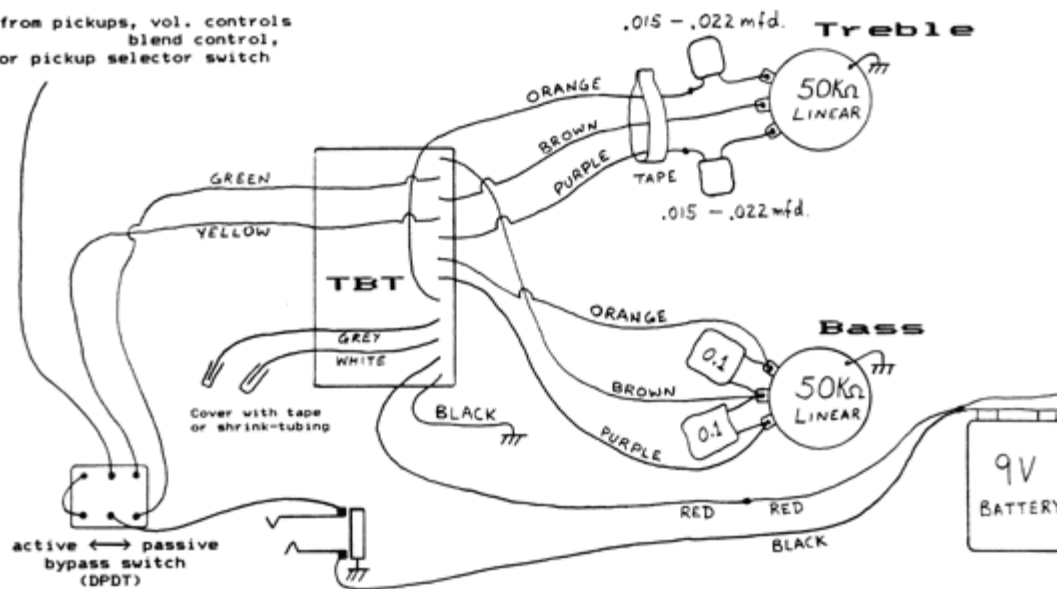
bartolini PICKUPS AND ELECTRONICS

TBT - Bass and Treble Tone Control

The TBT is an active low-impedance tone control module with independent Bass and Treble controls. The frequency range of these controls is user adjustable with external capacitors. Each control boosts or cuts up to 15dB. With both controls at 5 the response is flat with a gain of 2dB and very low noise levels. The TBT has an input impedance of 270K-ohm and an output impedance of less than 10K-ohm. The TBT will operate for 2 months continuously from a single 9V battery. The tone controls should be 50K-ohm linear potentiometers (not included). Several capacitors are included with the TBT to modify the range of action of each control. The use of dual capacitors on each control allows boost to occur over a frequency range that is different from that of cut. This is particularly useful for guitars.



from pickups, vol. controls
blend control,
or pickup selector switch



All points marked \perp should be soldered to the ground wire. A resistance of 6.8K-ohm connected from the grey to the white wire will increase the overall gain by 6dB. 3.6K-ohm and 1mfd (unpolarized) in series connected