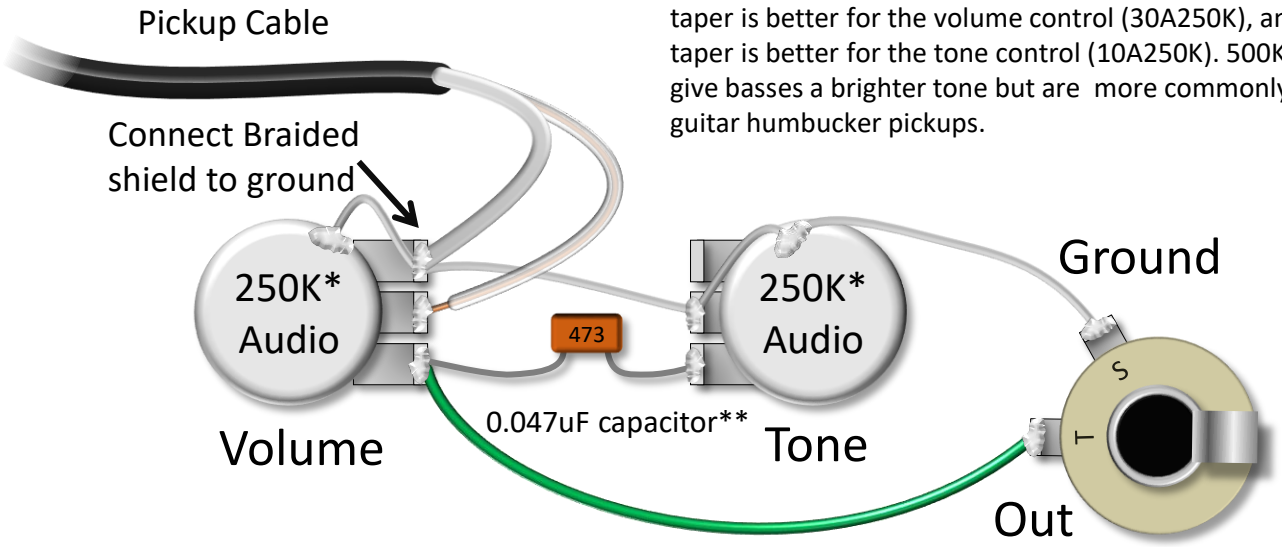
Single 1-Conductor Pickup Passive Setup with Volume and Tone

Bartolini pickups are precision magnetic transducers designed and built to bring out the fullest response from electric guitars and basses. They are hand assembled in California from quality materials and carry a 1-year warranty against defects in materials and workmanship.
Most Bartolini pickups can be used with standard passive tone and volume controls. The diagram below is a very simple setup for passive tone and volume for a single pickup using 1-conductor cable.

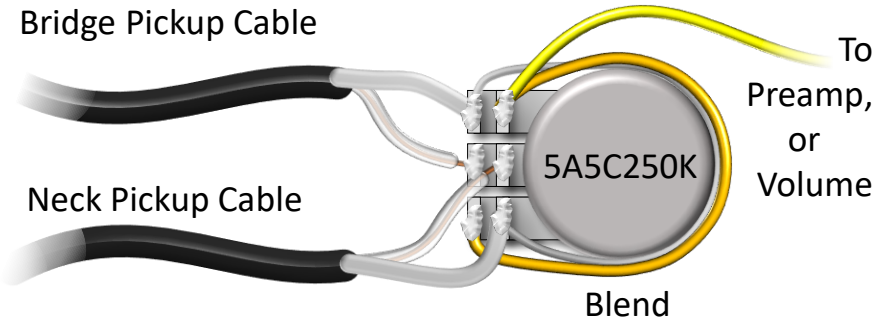
*Most audio-taper pots use a 15% taper. We think that a 30% taper is better for the volume control (30A250K), and 10% taper is better for the tone control (10A250K). 500KΩ pots will give basses a brighter tone but are more commonly used with guitar humbucker pickups.



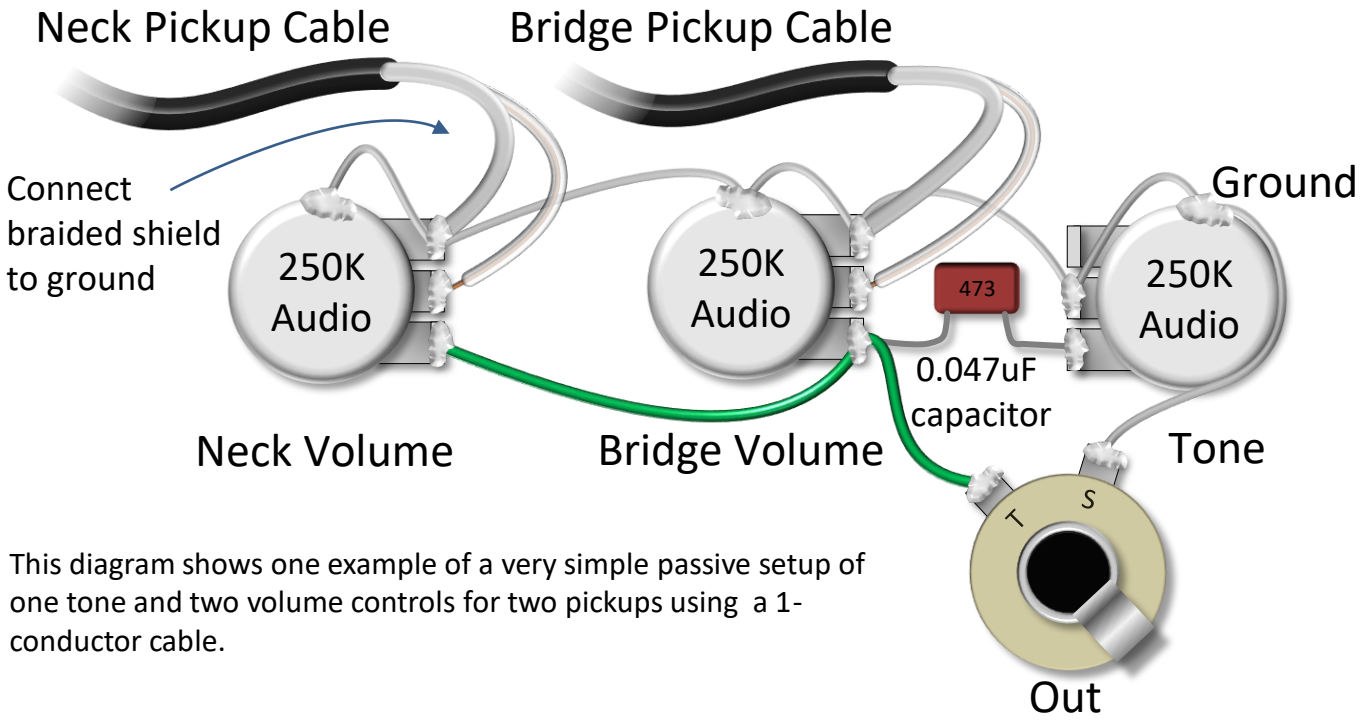
A capacitor of lower value will provide brighter tone. For bass common values are between **0.068uF (darkest tone) and 0.022uF (brightest tone), and for guitars between 0.033uF(dark) and 0.010uF(bright).

This diagram shows 2 pickups connected to a blend pot as part of a Bartolini pre-wired harness.

Blend pots may be 5A5C taper or MN taper. 5A5C reduces volume for each pickup slightly at center detent for more even volume overall. MN will be louder at center. Preferences vary. We usually use 5A5C.

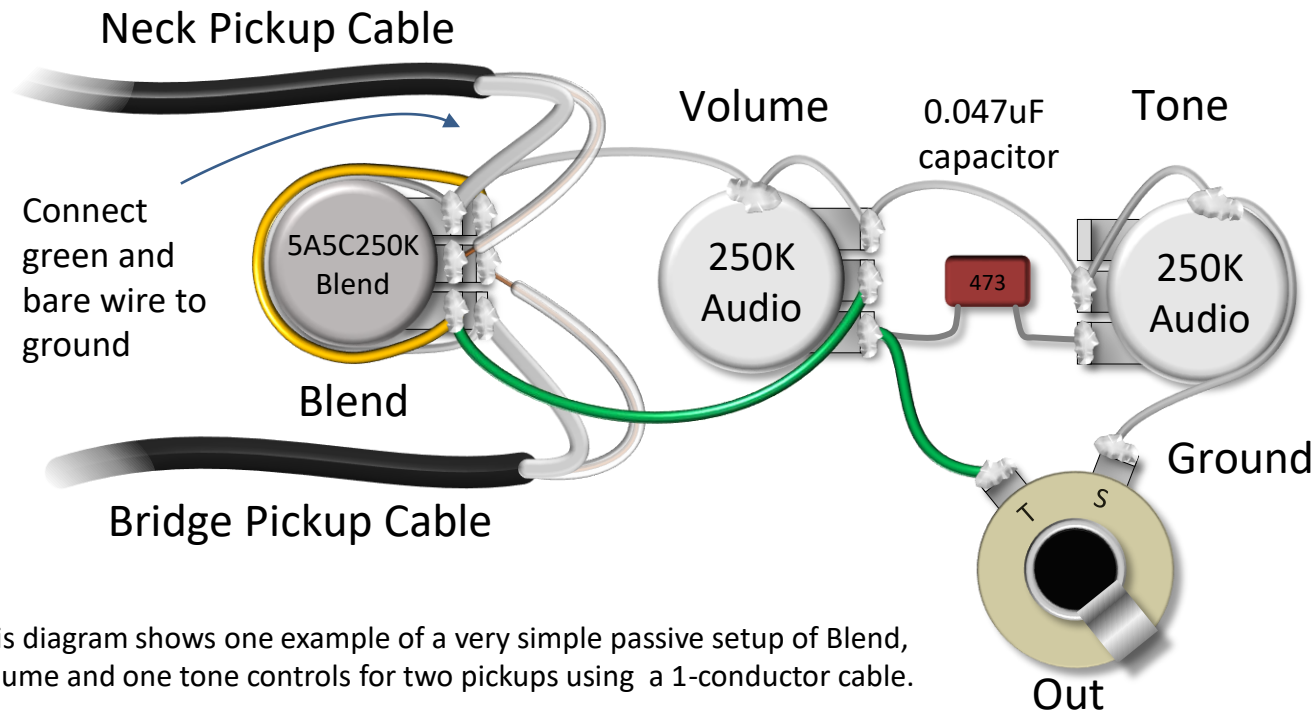


Dual 1-Conductor Pickups Passive Setup with 2 Volumes and 1 Tone



This diagram shows one example of a very simple passive setup of one tone and two volume controls for two pickups using a 1-conductor cable.

Dual 1-Conductor Pickups Passive Setup with Blend, Volume, and Tone



This diagram shows one example of a very simple passive setup of Blend, volume and one tone controls for two pickups using a 1-conductor cable.

These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 4-conductor cabled pickups can be switched for tonal variations.

Dual 1-Conductor Pickups in a Passive Setup with 2 Volumes and 2 Tones

This diagram shows one example of a very simple passive setup using 2 volume controls and 2 tone controls with two 2 pickups using 1-conductor cables.

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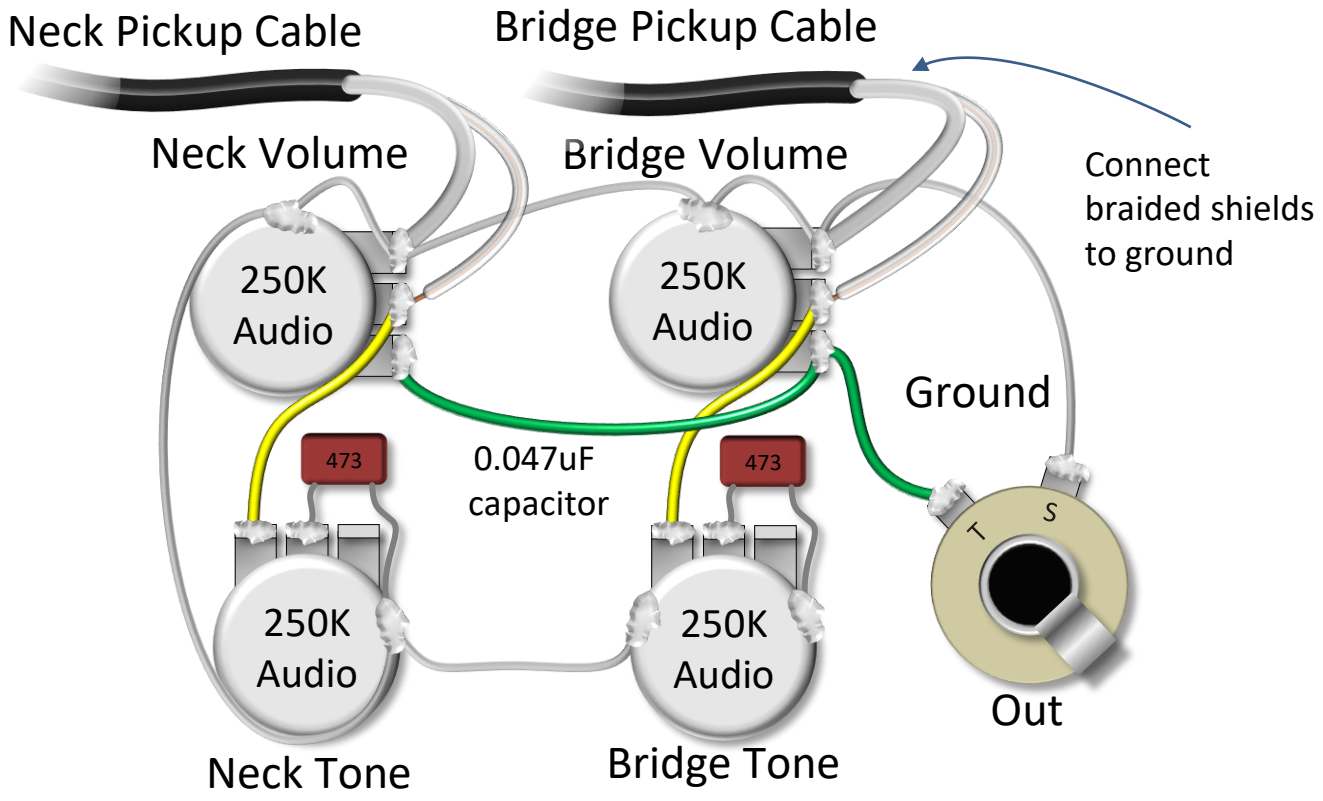

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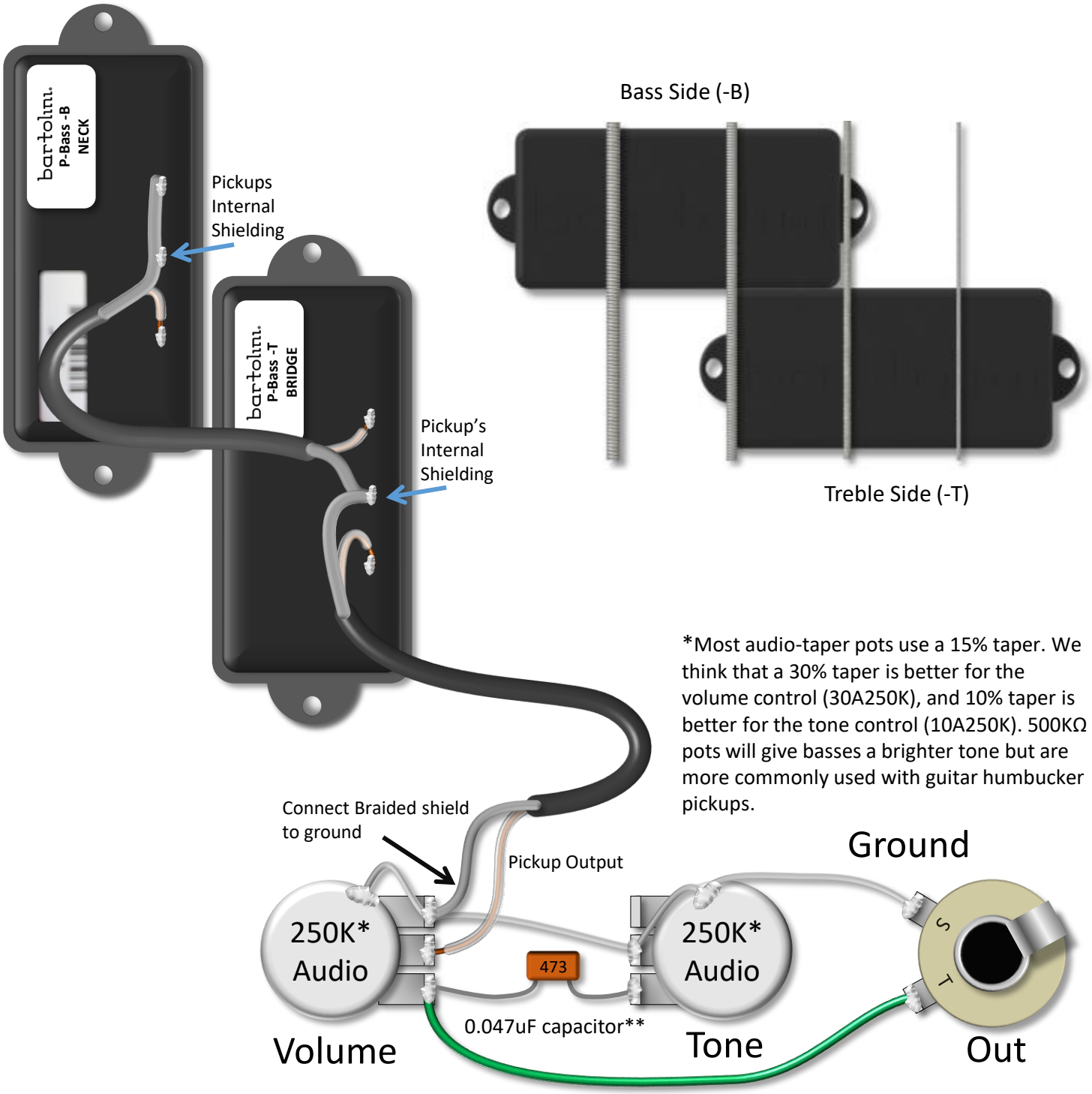
Typical P Bass set up using a Passive Volume and Tone



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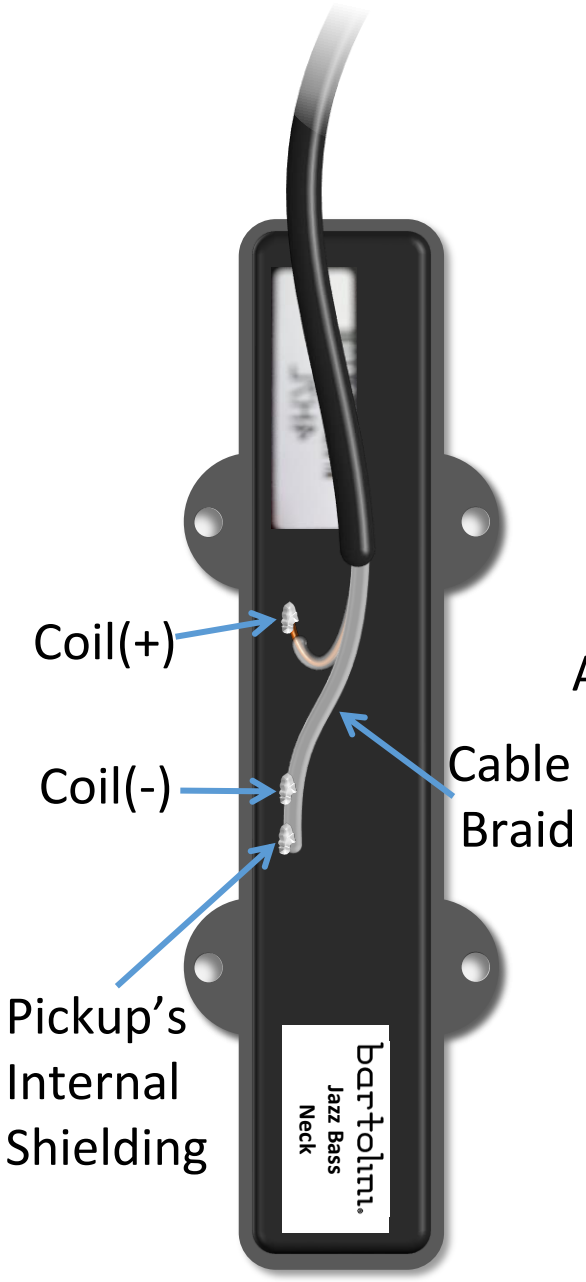
These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 1-conductor cabled pickups can be wired for passive operation.

This diagram shows how to reverse the phase of a single conductor Bartolini Jazz pickup

Standard Wiring



Reverse Phase Wiring