Building a VibroSonic Pillow

Technical Page for building or owning a VibroSonic Pillow:

Parts needed to be purchased:

Parts Express www.parts-express.com

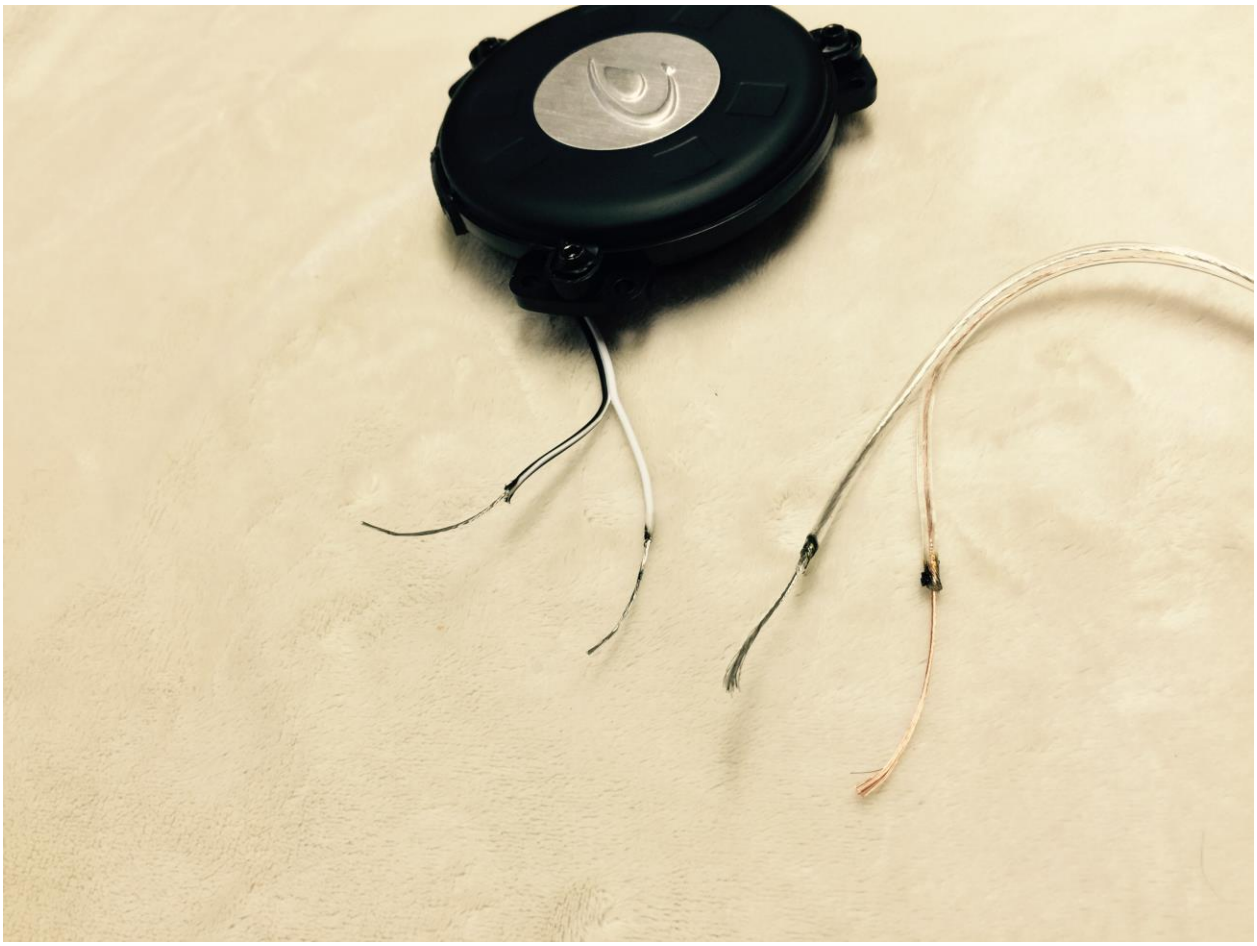
Dayton DTA-1 Audio Amplifier
2 Dayton 8 ohm Puck transducers

Other purchases:
Speaker wire: 22 gauge - Big Lots or Radio Shack
Black Electrical tape - Radio Shack
Colored Speaker bags for puck – Fetpak.com Approximately 41/2 by 61/2

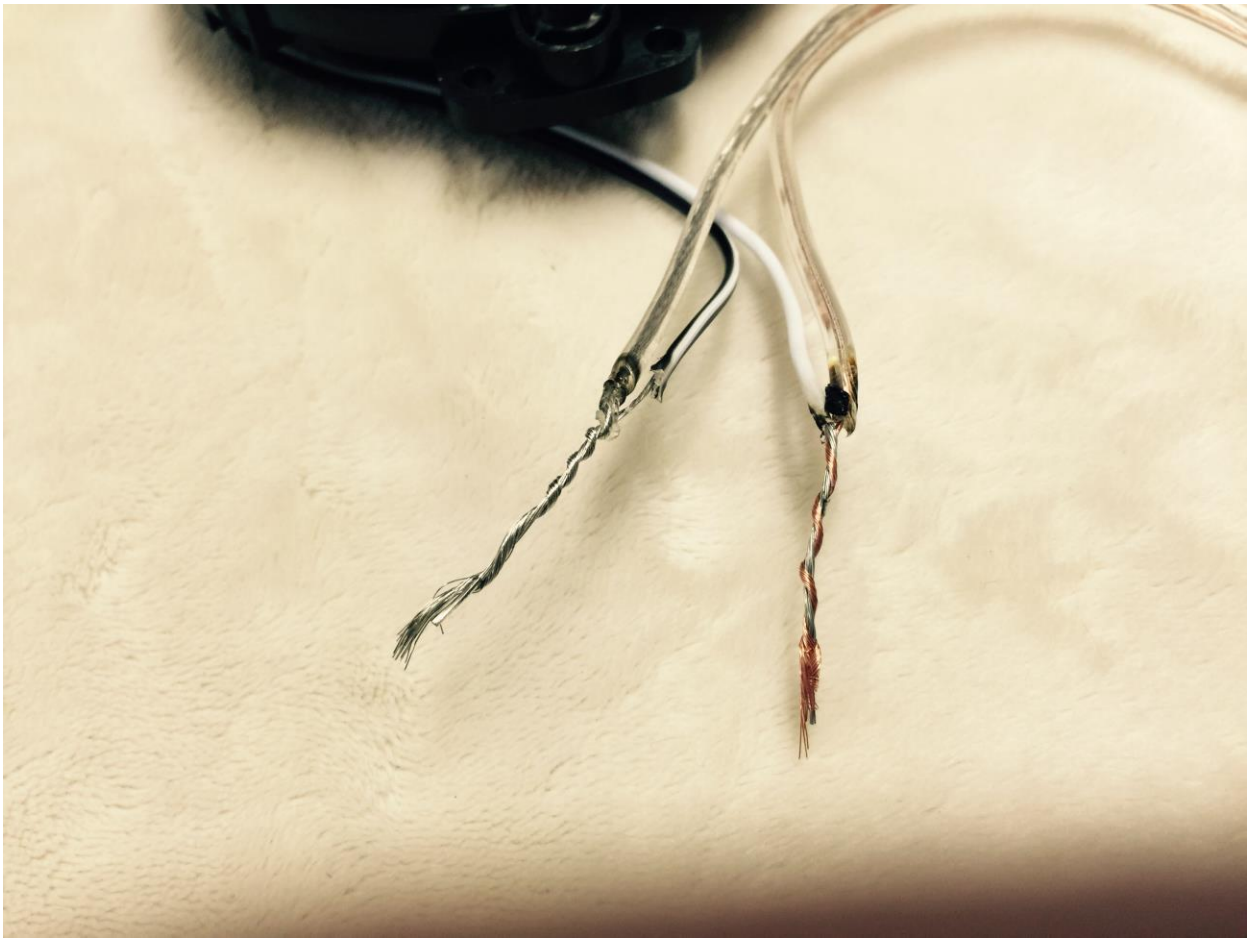
<u>Step One</u> is connecting the speaker wire to the Puck. The puck only comes with 3 inches. You need to extend that wire to at least 6 up to 12 feet depending on if you are using it personally or as a practitioner.

Measure the length of additional speaker wire you need and cut 2 strands to that length.

Strip both the ends of the 2 strands of the additional speaker wire and end of the wires on the puck one inch from each end. Use a cigarette lighter to melt the plastic one inch from the end and pull while twisting plastic off.
Photo #1

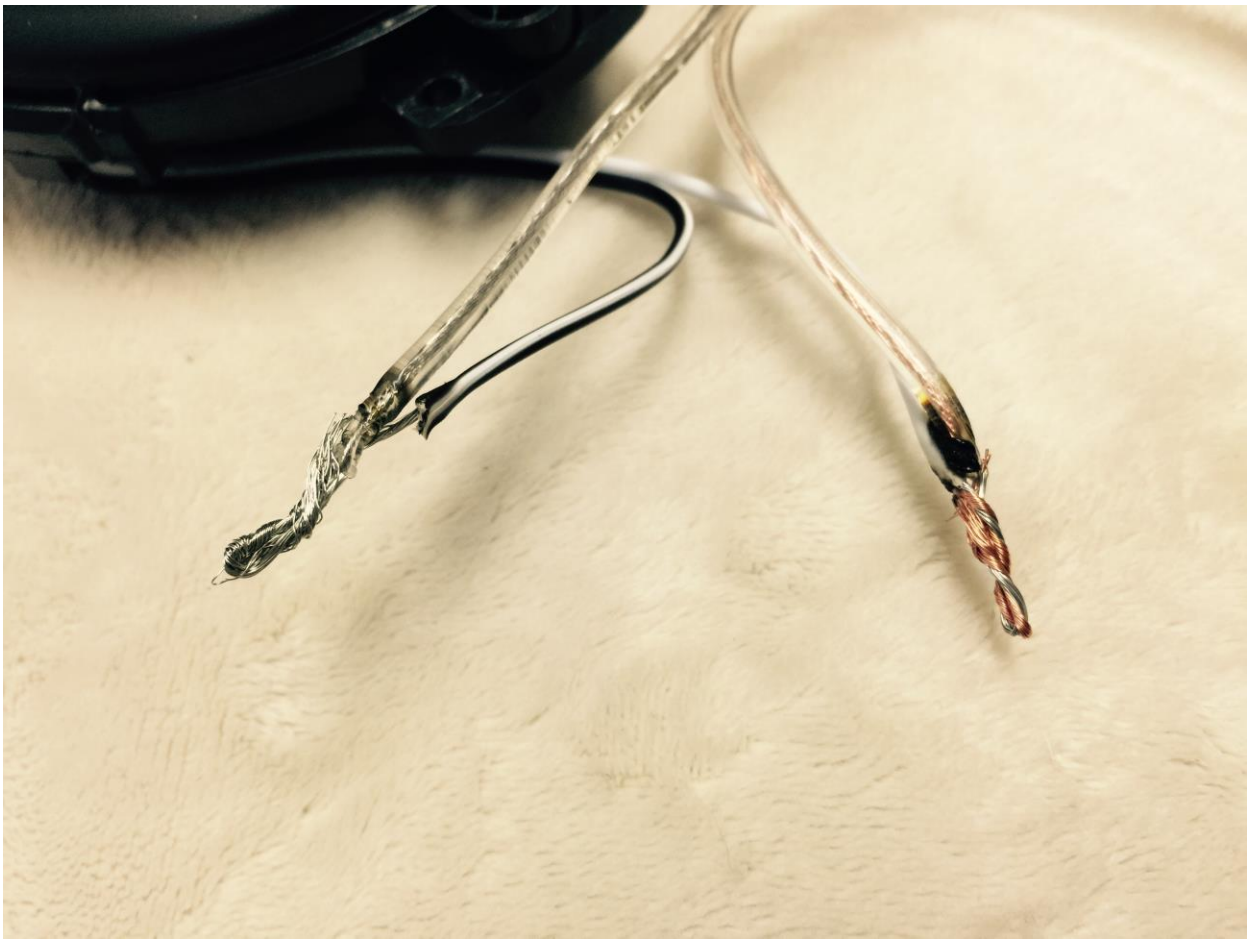


Important: Now join the ends of the striped wires by twisting them together. **Twist the white wire (positive +) on the puck to the gold/copper colored wire (positive +) on the speaker wire you cut then twist the black wire (negative -) on the puck to the silver wire (negative -) on the speaker wire you cut.**
Photo #2



Now that the one inch exposed wires are twisted together, fold the twist in half to make them 1/2 inch wires on all ends of the additional strands of speaker wire. Twist the two halves together to for one short ½ inch wire. We will discuss the ends that go into the amplifier later.

Photo #3



Step Two is using the electrical tape to cover the ½ half twisted wires where they have been joined to the puck. Be sure all of the exposed wire is covered by the tape.

Photo #4

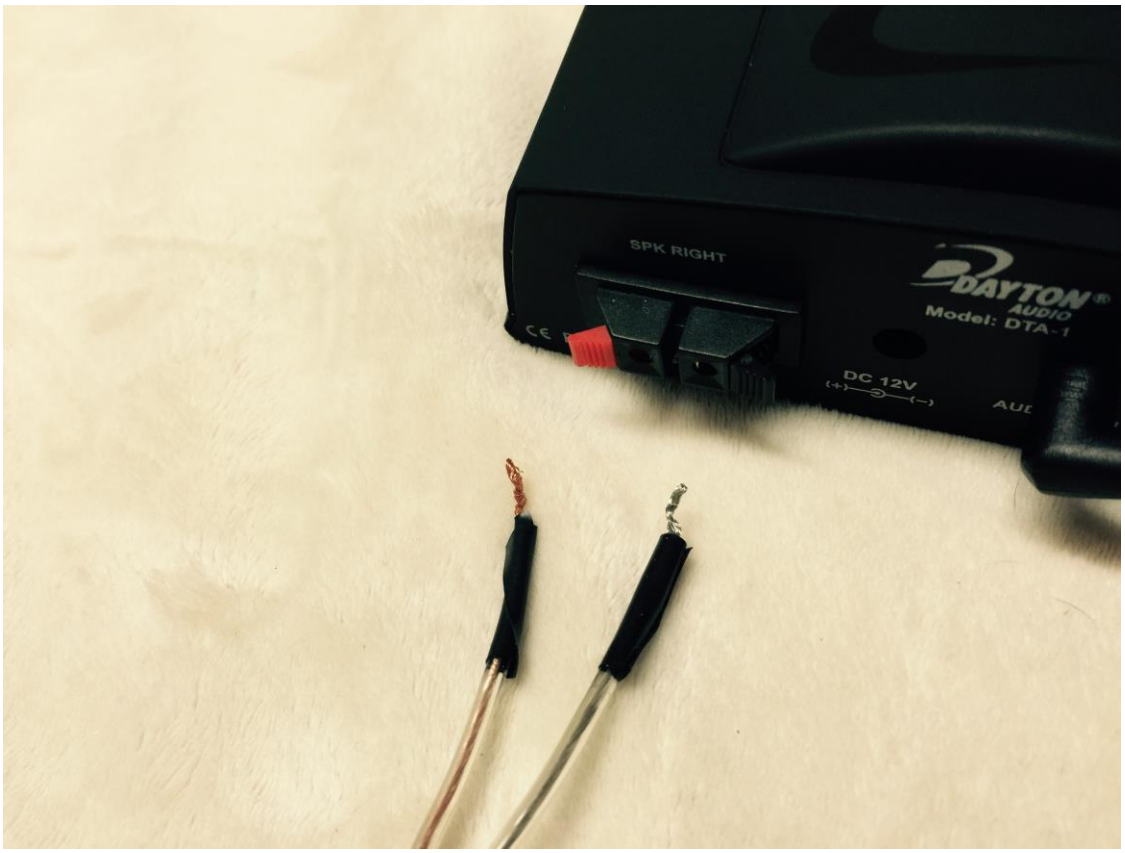
Step three is to tape the two wires taped referred to in step two above together insuring it will not allow any exposed wire to touch each other.

At this point you should have connected the additional lengths of speaker wire together and taped them together securely, as see in the picture above.

Step four is preparing to insert the exposed ends of the additional lengths of speaker wire into the back of the amplifier. After the steps above, this will leave only one end of each strand of speaker wire with 1 inch striped wire end.

Fold each wire separately, one is **gold/copper (positive +)** and one is **silver (negative -),** in half to make them 1/2 inch wires. Twist the half together for one short ½ inch wire (see picture below). Do this for each color wire.

Then tape the ½ inch wire, exposing about ¼ inch of each end to be inserted into the amplifier. (Optional but recommended)



The receptors for the speaker wires on the back of the amplifier are red and black; **red is positive and black is negative.**
Insert the **gold/copper** tipped exposed wire end of the wire into the **red receptor** and the **silver** tipped exposed wire into the **black receptor**. A correct connection (positive and negative) is imperative for the proper function of the unit.