

KSC75 MOD GUIDE

partsup.dev



Overview

This guide will cover the modification of the Koss KSC75's. We will go over the materials needed to convert them to MMCX as well as optional upgrades. The main advantages to the MMCX conversion are that it replaces the unfortunately flimsy cable included with the stock KSC's, but it also provides much more flexibility. There are host or MMCX Bluetooth adapters like the Shure BT2's and MEE Pro BTC2. Personally, I've really enjoyed running them from the 2.5mm on a Qudelix 5K while working in my shop or around the house but there are endless combinations.

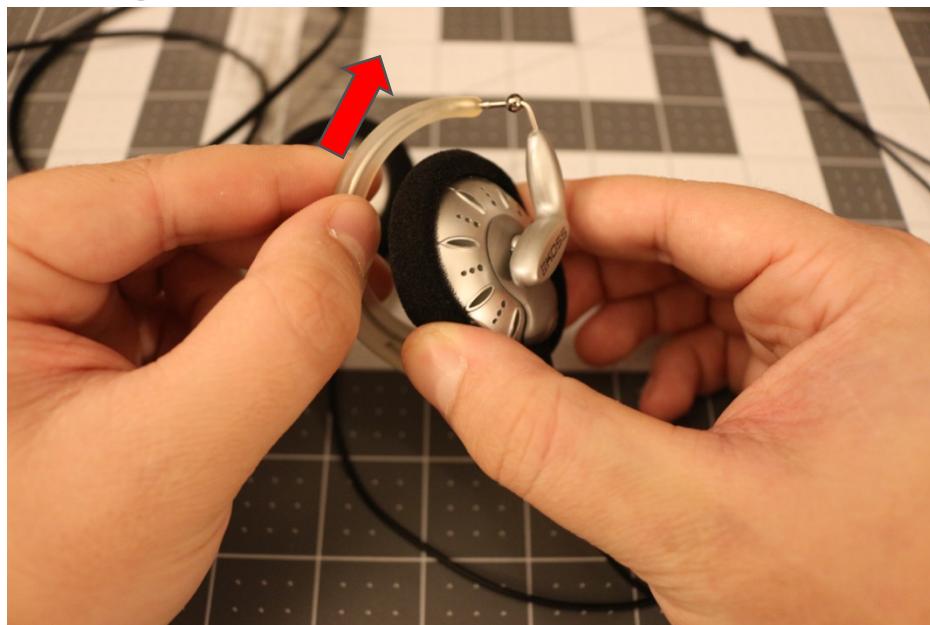
Tools/Materials

The parts and upgrades in this guide are available, shipped from the US at partsup.dev

1 Pair of KSC75	
1 pair of 3D printed adapters* with female mmcx connectors	
1 MMCX cable to desired output	
Headband (optional)	
Yaxi Pads (optional)	
Soldering iron	
Solder	

*Credit for the adapters goes to Gumo_Design and can be found at bit.ly/36adUrE

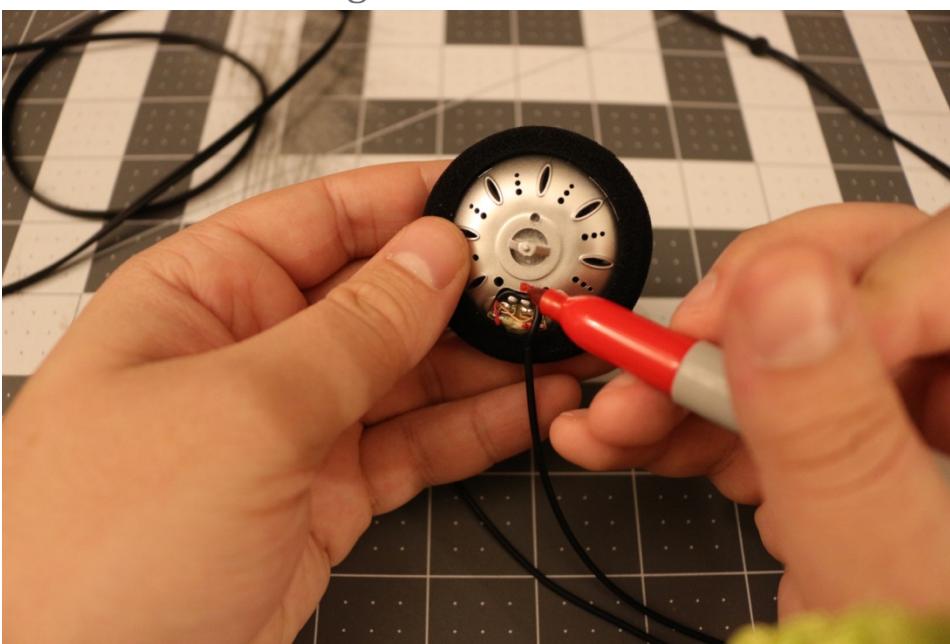
Remove the ear clips by pulling the clip away from the housing



Pull the cover off the back of the housing.



I like to mark the right driver to keep them in the original orientation.



Pull the wires out of the clips on the inside of the housings and you should now have both the headphones with the clip and rear housing removed and wires pulled away



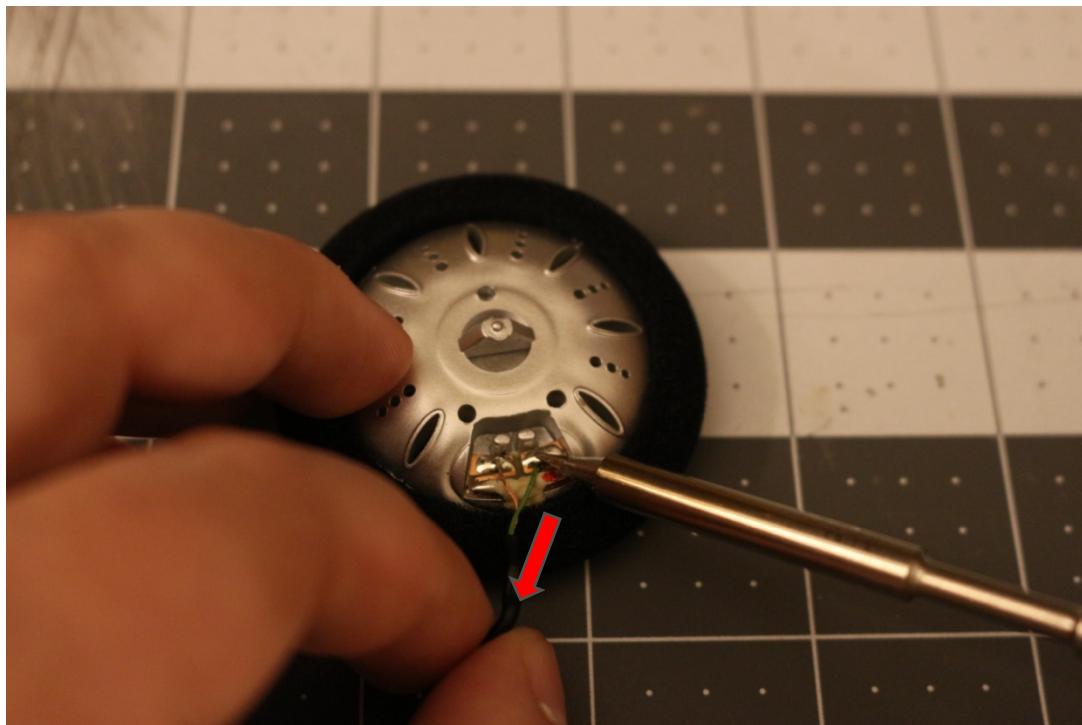
This is also a good time to pull off the stock pads to avoid melting them with the soldering iron accidentally



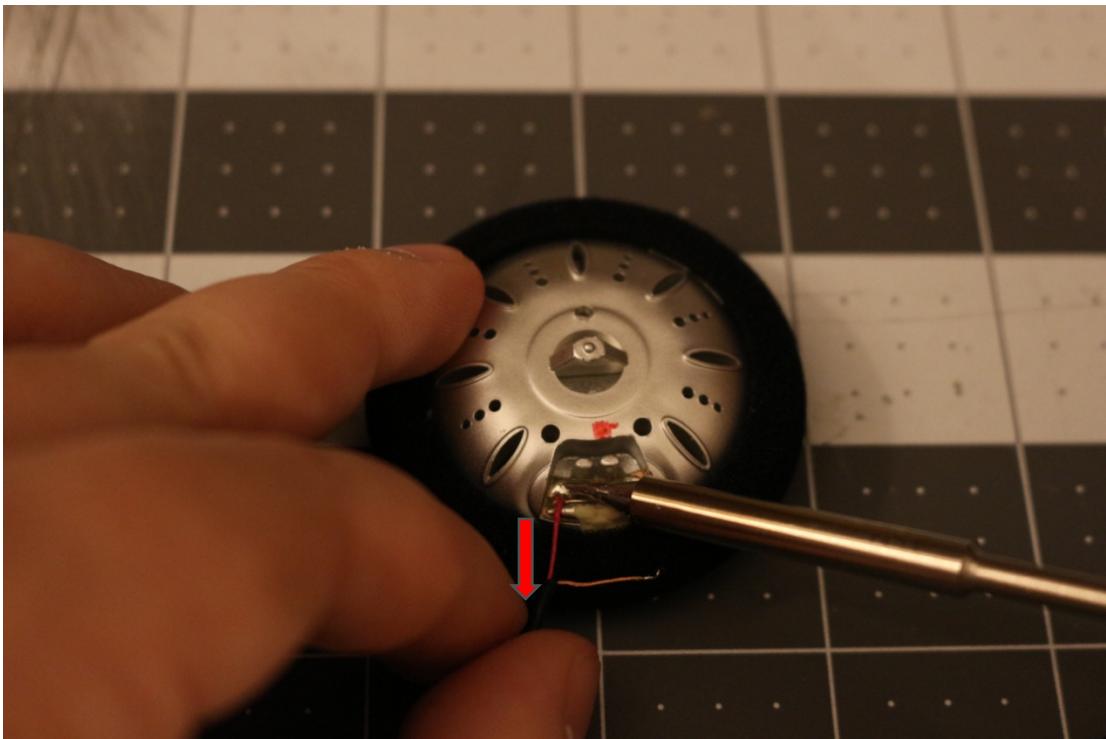
Heat your soldering iron to ~550-650F



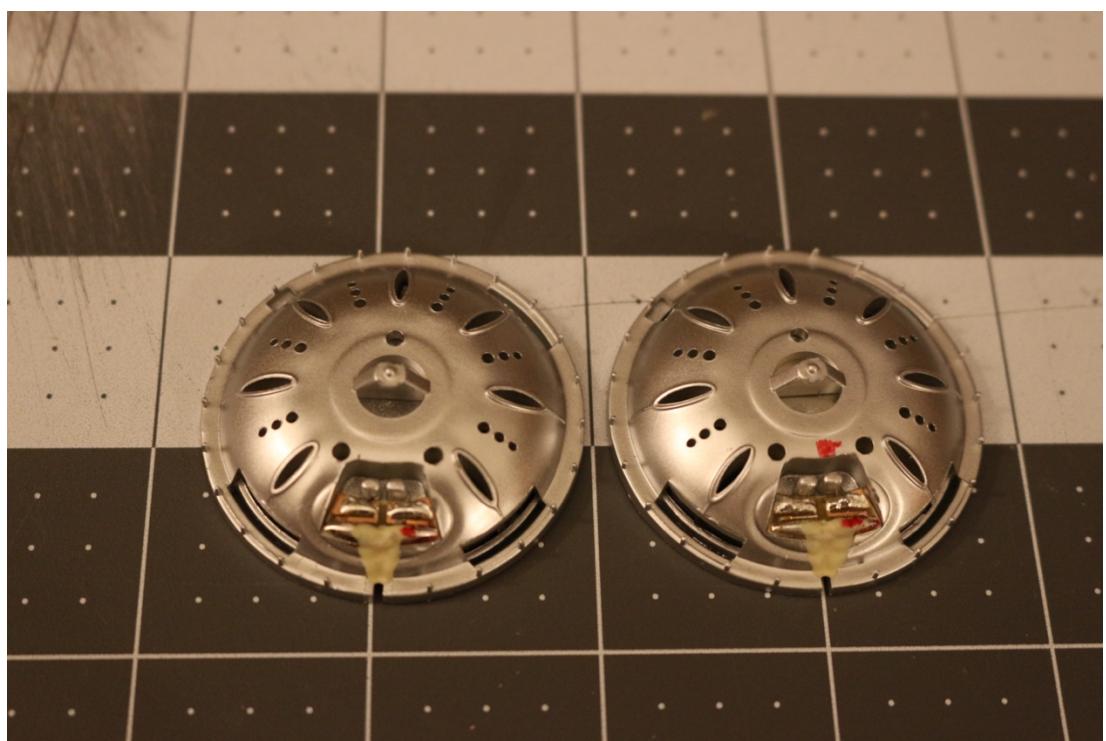
To de-solder the wires on each side, gently pull away from the headphone on the cable as you hold the soldering iron to the ball of solder



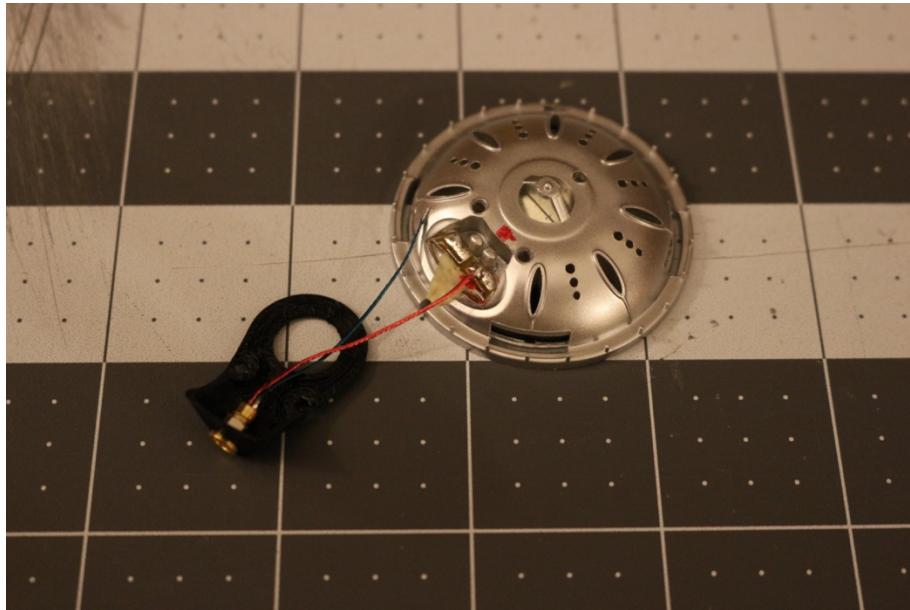
This same process can be repeated for both wires. Making sure to gently pull the wire away from the headphone while heating.



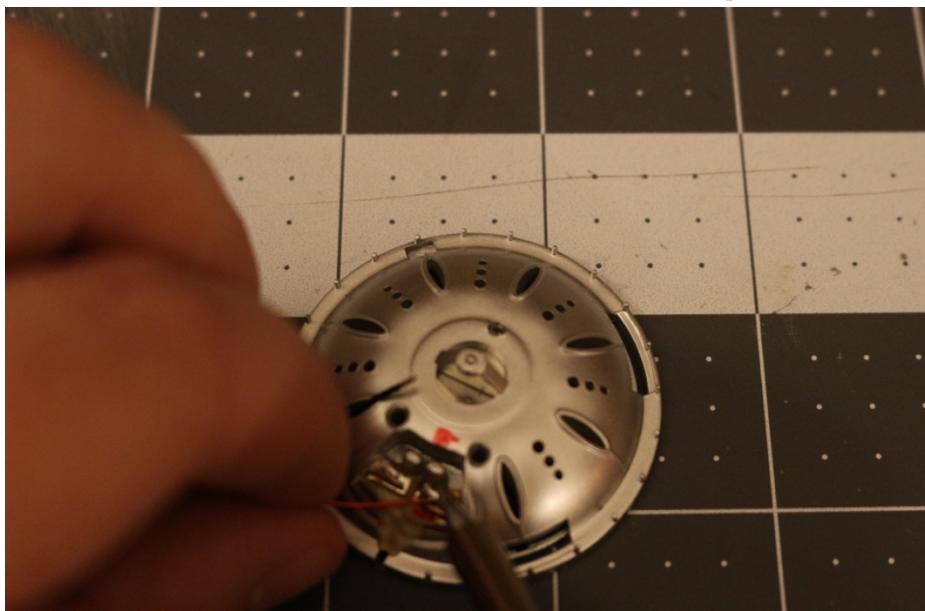
You should now have the wires removed from both drivers



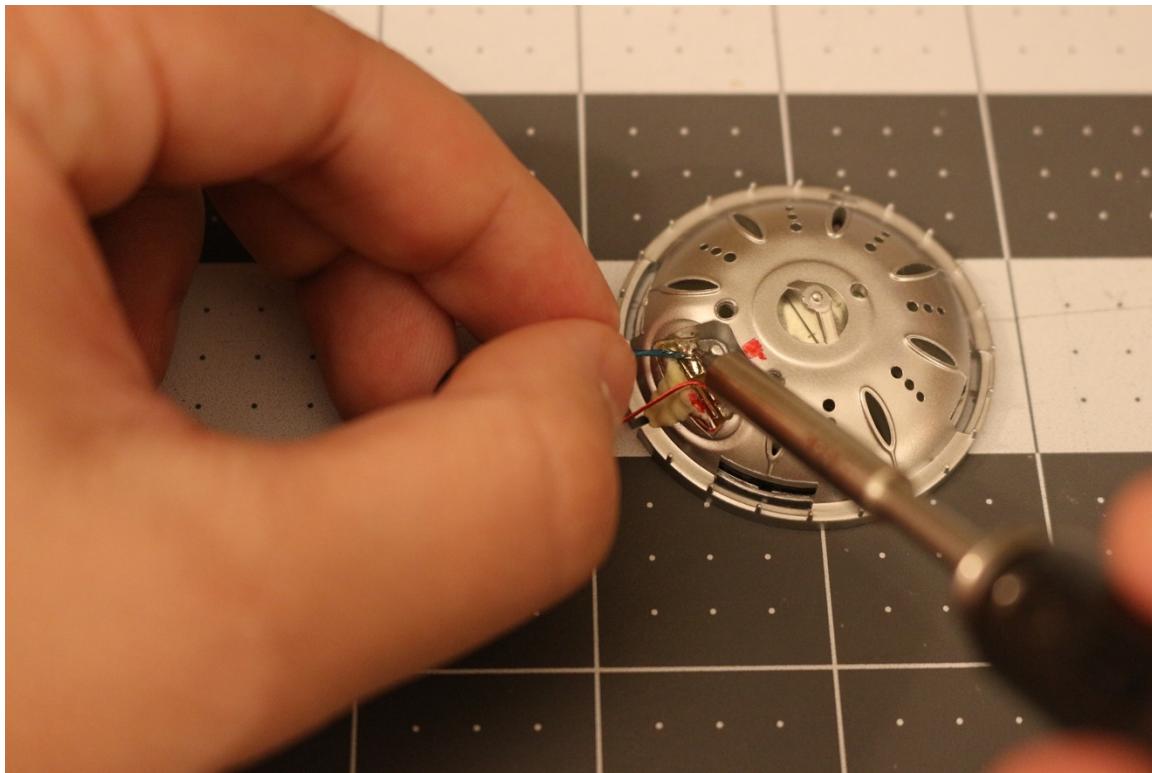
Now we can solder the pre-tinned wires from the adapter onto the driver. Line up the on top of the solder that's already on the back of the driver.



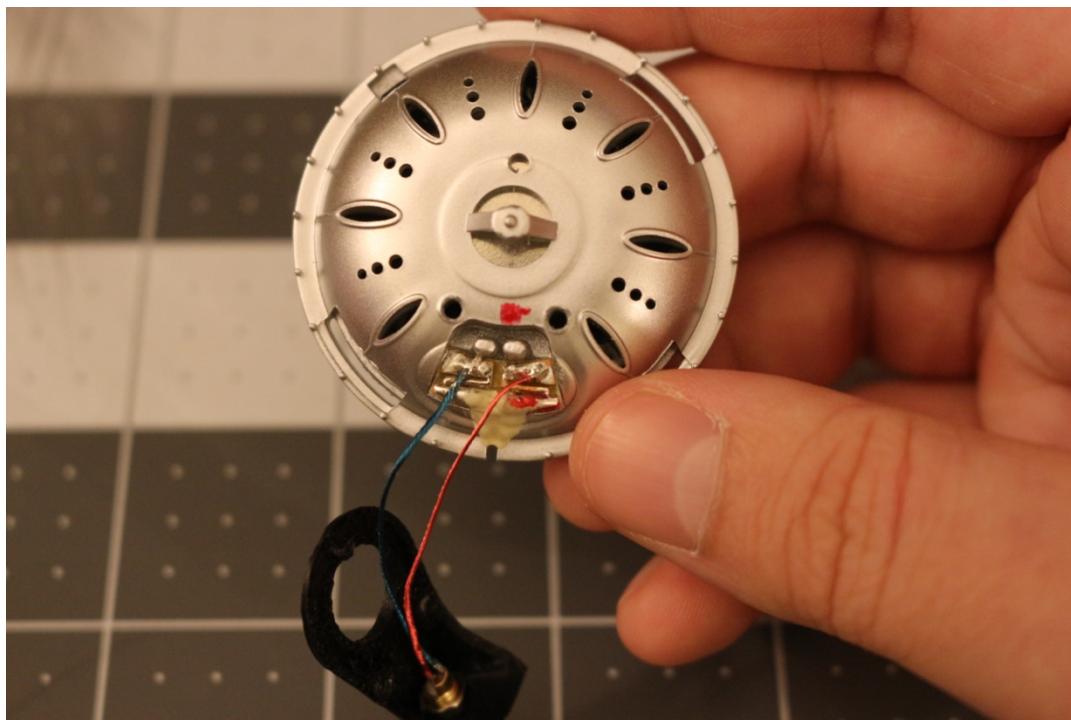
Next use the soldering iron to press down on the wire, heating it and the solder up until the solder melts. Once the tip of the tire is surrounded in the melted solder you can pull the iron away. Be careful as the wire will heat up along with the solder!



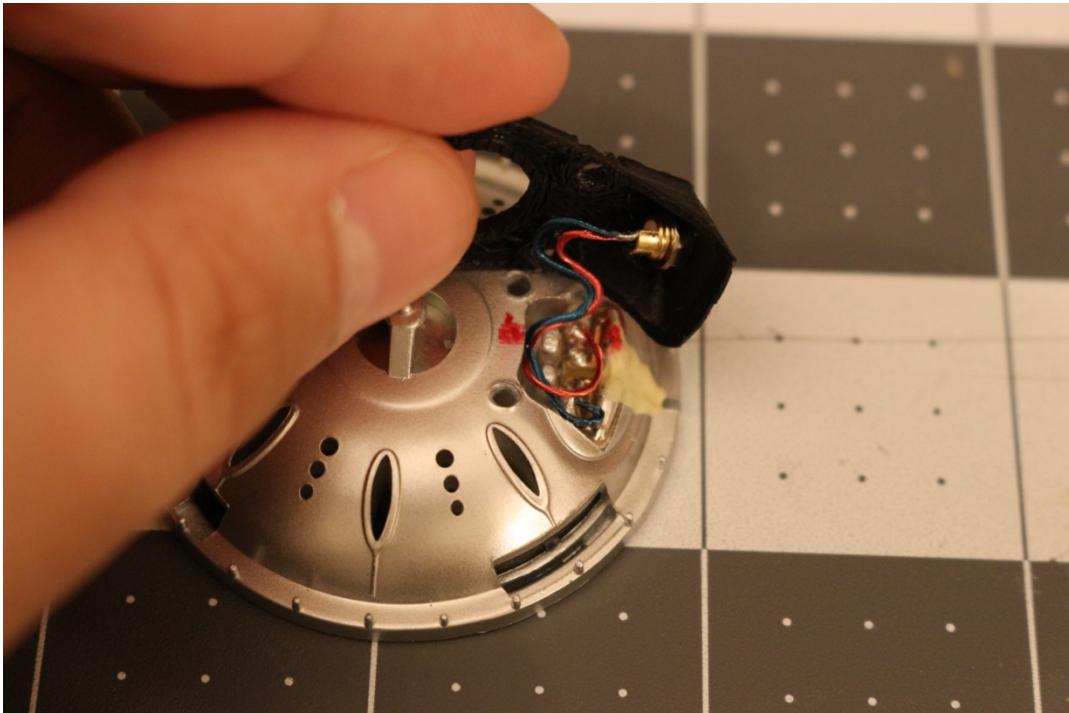
If it's your first-time soldering, don't get frustrated, it may take some time, just make sure you don't leave solder connecting the two pads on the back of the driver.



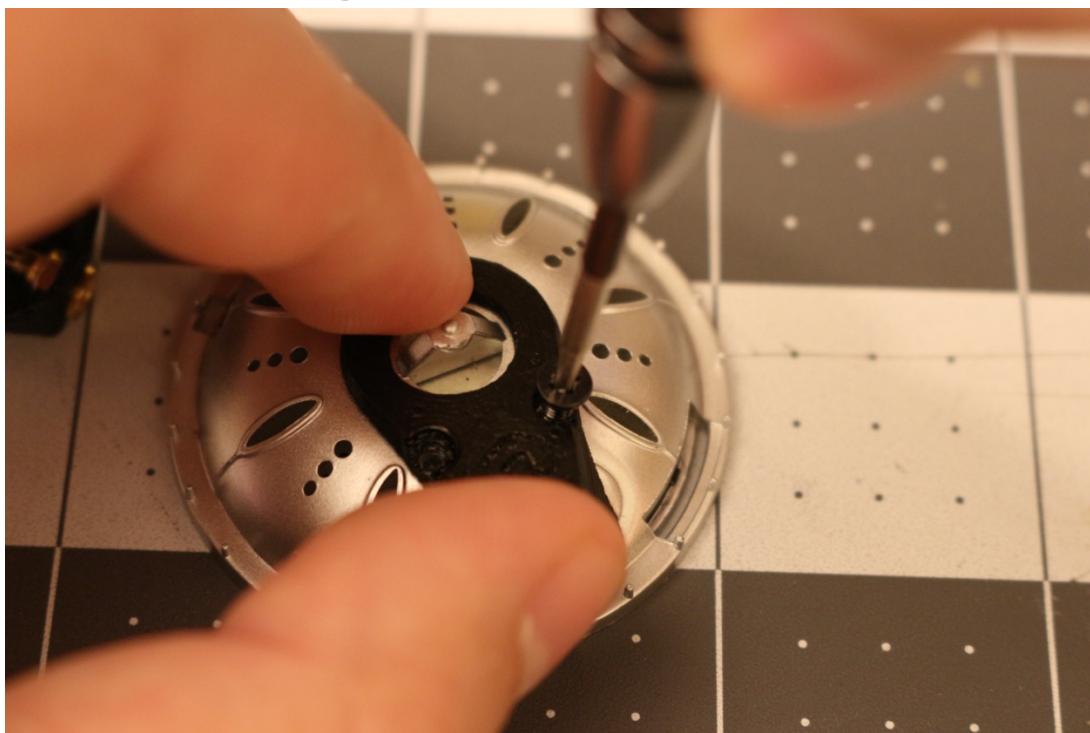
Once you have the wires soldered, they should look like this.



Once both the connectors are soldered we can wrap the cables back up inside the housing



With the cables inside the 3D printed housing we can push the housing down and screw it into place



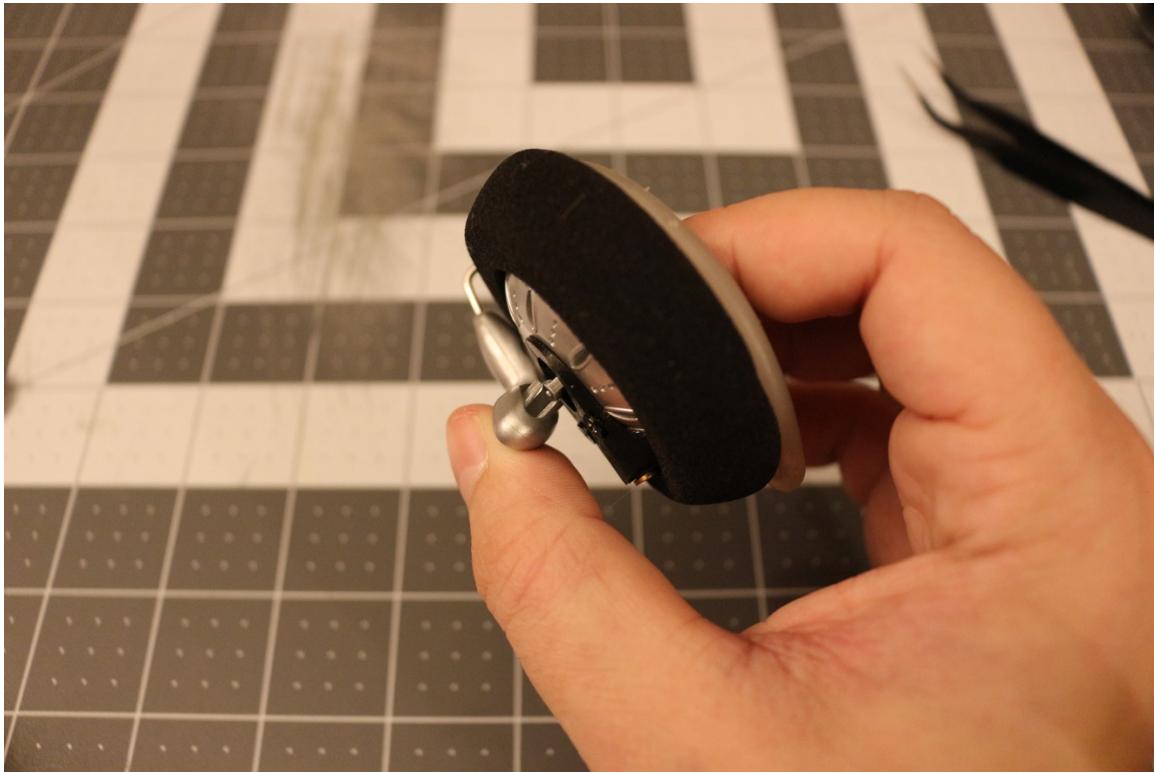
We can now reinstall the pads, start with one side and slowly work your way around.



Work your way around until the pad is properly seated



Snap the ear clips or optional headband back onto the headphones



Now you're all set, your KSC75's are now ready for any MMXC accessory

