## **Panel Connection Soldering Guidelines**

Tools required:

Soldering Iron – (Screwdriver tip or wide flat tip recommended)

Solder

Dremel with grinding wheel, or sandpaper will do.

Towel or cloth to protect panel from any splatter

Safety goggles- (Wear them! You only have 1 pair of eyes!)

1. Prep panel. Remove panel from frame and lay on a flat clean surface.

2. Use towel or other material to protect area around area to be soldered.



- 3. Clean the area to be soldered using Dremel or medium grit sandpaper. You should have a spot of clean bare metal available to solder to.
- 4. Clean off, or strip back wire to have a clean approximately 3/16" to work with.
- 5. Hold wire to bare spot on metal, just long enough for solder to flow onto the wire and metal connection. It may take a little practice to determine the right amount of time for this.



- 6. After solder has cooled, give a firm tug on the wire. It should not come loose.
- 7. Re-assemble speaker and enjoy the music.