# Required Components

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| **1** | *A picture containing electronics  Description automatically generated*  **2**  **3** | **BILL OF MATERIALS**  **1**  1x Cool Beats Penguin  **2**  2x Mono jack  **3**  4x 10 cm pieces of wire |

# Required Tools

* Drill with ¼” drill bit
* Wire Strippers
* Flush Cutters
* Phillips screwdriver
* Soldering Iron
* Solder
* Ruler

# Required Personal Protective Equipment (PPE)

* Safety Glasses

# Assembly Instructions

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| Graphical user interface  Description automatically generated with medium confidence  **01.**  Carefully take the penguin out of the package. The toy will be put back in the packaging once adapted. | **A close-up of a helmet  Description automatically generated with medium confidence**  **02.**  Remove and set aside the 6 screws from the base of the penguin. |
| A picture containing logo  Description automatically generated  **03.**  Set aside the red and green buttons. | A hand holding a piece of paper  Description automatically generated with low confidence**04.**  Cut 4 lengths of wire about 10cm long. |
| A pair of yellow scissors  Description automatically generated with medium confidence**05.**  **X4**  Strip 1 cm of the insulation off each end of the wires. | Solder a wire to the first leg of a mono jack, solder a second wire to the second leg of the mono jack. Repeat with the second mono jack and other wires.  **06.** |
| Diagram  Description automatically generated  **07.**  Open the base of the penguin. Locate the left circuit board. | Diagram  Description automatically generated with medium confidence  **A**  Solder the other ends of the wires from one mono jack to the locations shown.  **08.** |
| Diagram  Description automatically generated  **09.**  Locate the right circuit board. | **B**  **10.**  Solder the other ends of the wires from the second mono jack to the locations shown.    . |
| A picture containing indoor  Description automatically generated  **11.**  With a ¼” drill bit, drill a hole in the back end of the penguin’s foot. Make sure there is enough room for a mono jack to fit inside. | A close-up of a toy  Description automatically generated with medium confidence  **12.**  Drill another hole on the other side. Next, remove the nut from mono jacks and push the mono jacks through the holes. Reinstall the nuts and tighten to secure. |
| **A close-up of a headphone  Description automatically generated with low confidence**  **13.**  Reinsert the green and red buttons. | **A close-up of a helmet  Description automatically generated with medium confidence**  **14.**  Reinsert the 6 screws into the bottom of the penguin. |
| A picture containing website  Description automatically generated  **15.**  Once the toy is tested with a switch, it can be repackaged. |  |