# Required Components

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|  | 1. A small black box with a silver ring     AI-generated content may be incorrect. | **BOM**   1. Kid Connect Walking Animal 2. 3.5mm Mono Jack and Nut (x 2) 3. 22 AWG Wire 4. AA Batteries (x2) |
| 1. Picture 1, Picture | 1. One duracell batteryOne duracell battery |

# Required Tools

* Phillips screwdriver
* Wire strippers
* Soldering iron and solder
* Drill and drill bit

# Required Personal Protective Equipment (PPE)

* Safety glasses

# Assembly Instructions

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| 1. Locate the three screw holes on the leash that are hidden underneath the paper logo. Use a screwdriver to poke through the paper and reveal the screws. Remove the screws and open the leash handle. Keep the screws in a safe place. | A red toy with a red cord  AI-generated content may be incorrect.A person holding a red toy  AI-generated content may be incorrect. |
| 1. Open the leash handle. We will be working on the half that has the pcb and buttons. Remove the pcb and button cover from the leash handle. | A red plastic object with a string attached to it  AI-generated content may be incorrect.A red and white object with a white object on a blue surface  AI-generated content may be incorrect. |
| 1. Using a drill with a ¼’’ drill bit, drill two holes in the back part of the leash handle on the bottom as shown in the image. These holes are for the mono jacks, so ensure there is enough space for the mono jacks to sit inside the leash handle. Try to put the mono jacks through the holes to make sure they fit. | A hand holding a red object  AI-generated content may be incorrect. |
| 1. Cut four pieces of wire 3 inches long | Several green and yellow tubes  AI-generated content may be incorrect. |
| 1. Strip approximately 0.5 cm off the ends of each wire. | Several wires on a grey surface  AI-generated content may be incorrect. |
| 1. Tin one end of each wire. Do this by melting a small amount of solder to cover the exposed wire. Do this to all four wires. | A black wire on a wood surface  AI-generated content may be incorrect. |
| 1. Solder two of the prepared wires to the two spots shown in the image to the right.   Note: Do not solder the wires straight down, since the pcb will be placed back in the leash handle vertically. Make sure the wires are oriented up, towards the middle of the pcb as shown in the image |  |
| 1. Solder the other ends of these two wires onto the mono jack – feed the wires through the holes on the prongs, and fold over. Then solder the connection. Only use the two prongs closest to the jack. | A close-up of a circuit board  AI-generated content may be incorrect. |
| 1. Solder the other two prepared wires to the spots on the pcb circled in blue as shown in the image.   Again, the wires should be oriented towards the middle of the pcb. NOT straight out. See step 10 image. |  |
| 1. The pcb should look like this now | A hand holding a red and yellow cable  AI-generated content may be incorrect. |
| 1. Put the pcb back in the leash handle with the button cover on top. Make sure the labels on the button cover correspond to the proper functions. | A red plastic box with wires and screws  AI-generated content may be incorrect. |
| 1. Test the toy with two assistive switches. If the toy does not work, check soldered connections | A hand holding a red button  AI-generated content may be incorrect. |
| 1. Place the mono jacks through the two drilled holes. Secure them by tightening the retaining ring on the outside of the toy. | A red plastic object with wires  AI-generated content may be incorrect.  A close-up of a red device  AI-generated content may be incorrect. |
| 1. Close the leash handle. Make sure the leash cable goes through the slot in the handle with the knot staying inside the handle before closing.   Tighten the screws. | A close-up of a red object  AI-generated content may be incorrect.  A red object with a cord  AI-generated content may be incorrect. |
| 1. Test the toy with two assistive switches. The toy is done! | A hand holding a toy dog  AI-generated content may be incorrect. |