



ACN Iris WG4K Speakers Replacement

Replace one or two malfunctioning speakers.

Written By: Itze Kenney



INTRODUCTION

The speakers are necessary for audio communication while using the video phone's video call function. The speakers are not necessary for calls that do not involve video.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)

Step 1 — Handset



- Press upwards with your index finger on the 4P4C connector as shown in the image.
- Pull the connector gently out of its socket.

Step 2 — Lower Case



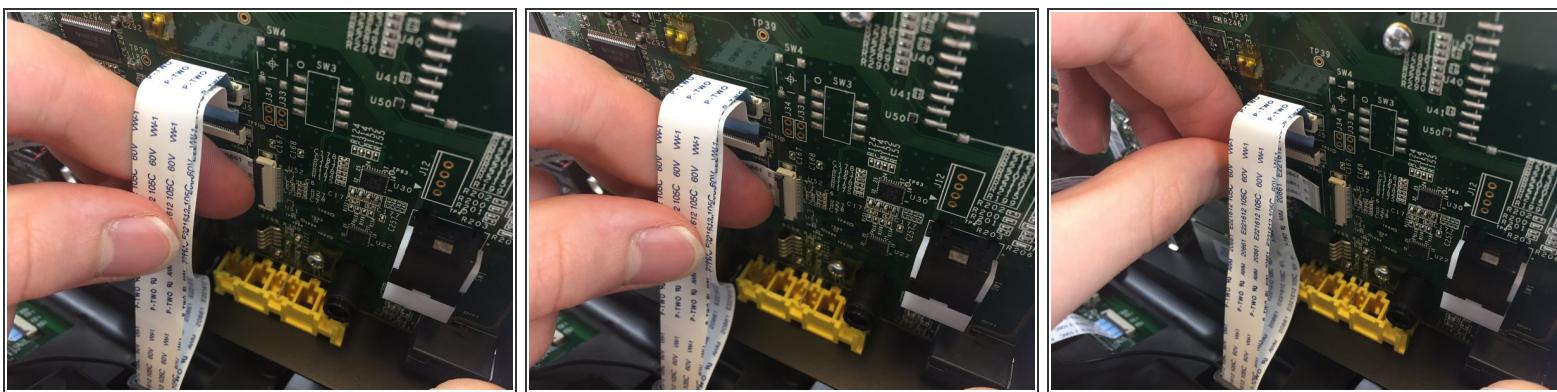
- Flip the main body of the video phone so that the bottom is facing up.
- Use the Phillips #0 Screwdriver to remove the four Phillips head screws (6 mm) highlighted by the red circles.

Step 3



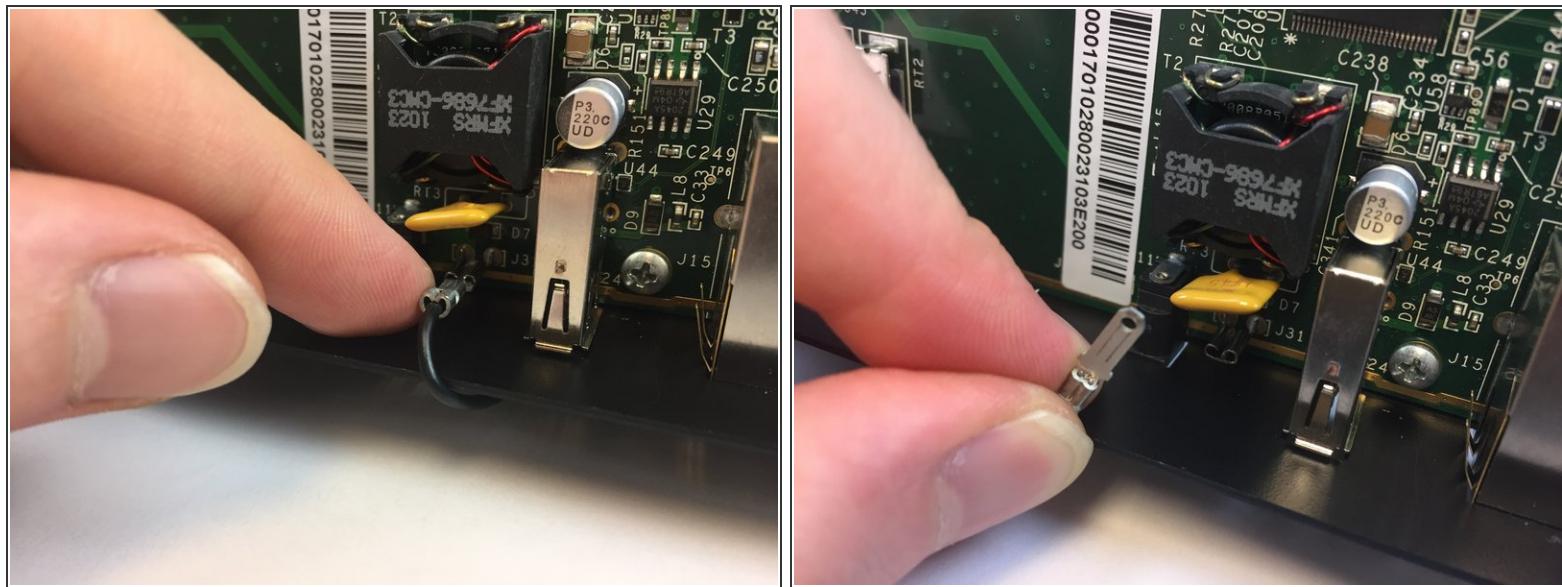
- Lift the back case upwards to expose the inside components.
- Red rectangles indicate the three ribbon cables.
- The orange square indicates the blade connector.

Step 4



- Disconnect the three ribbon cables from their insulation-displacement connectors by flipping up the black plastic clip.
- Gently pull the ribbon cables out of their insulation-displacement connectors.

Step 5



- Disconnect the blade connector from the blade receptacle by gripping the exposed area of the blade connector.
- Gently pull the blade connector out of the blade receptacle.

Step 6



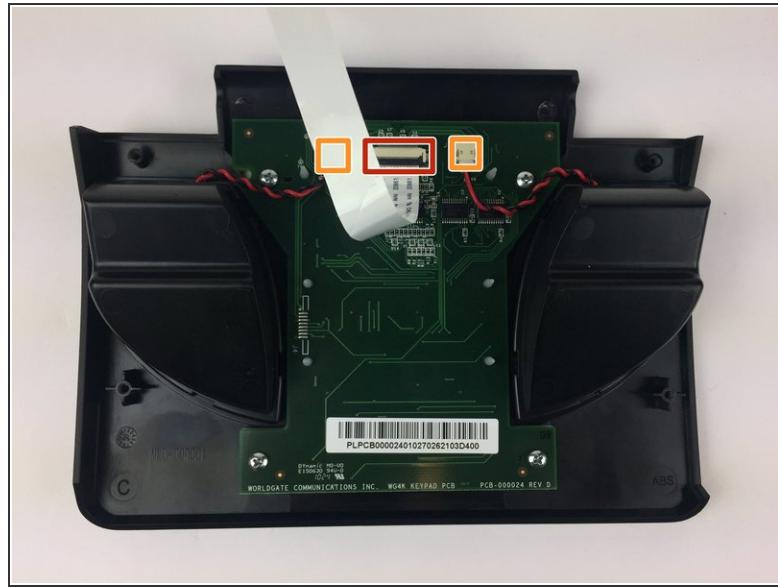
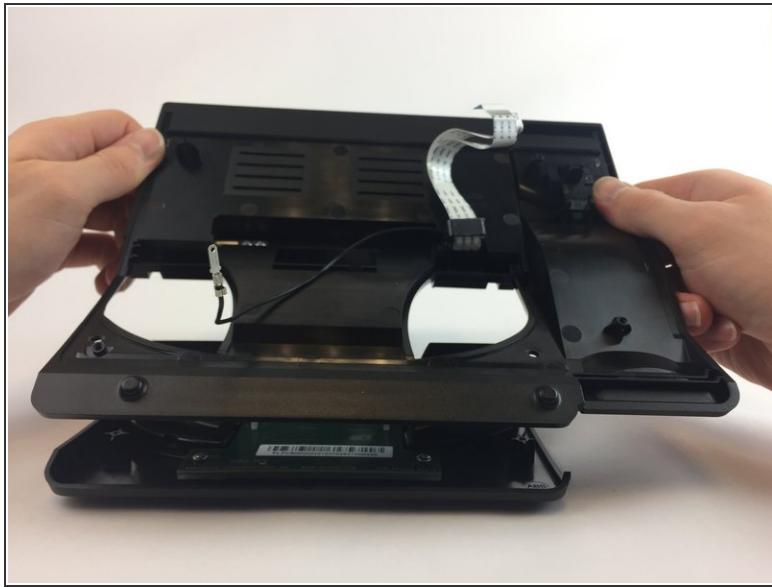
- Gently lift up the lower case to separate it from the top case.

Step 7 — Keypad Ribbon Cable



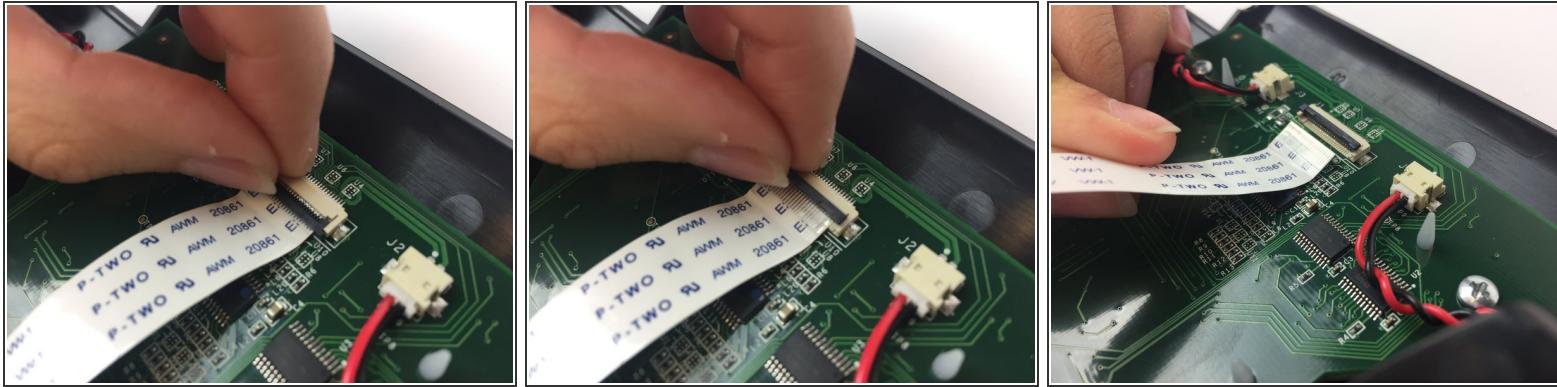
- Use the Phillips #0 Screwdriver to remove the four Phillips head screws (6 mm) highlighted by the red circles.

Step 8



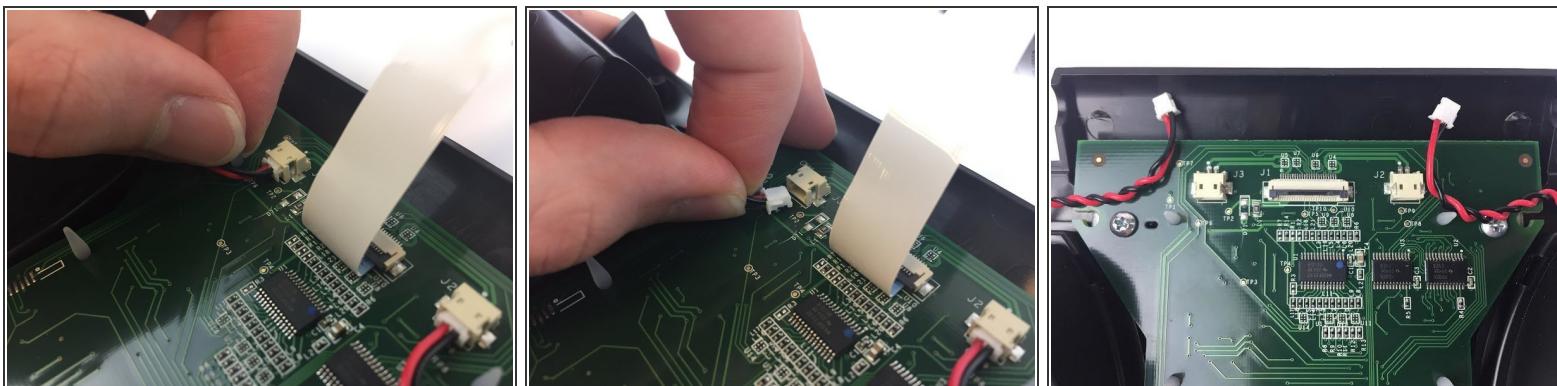
- Gently lift up on the upper case to separate it from the keypad/speaker panel.
 - The ribbon cable is highlighted by the red rectangle.
 - The 2-pin JST connectors are highlighted by the orange squares.

Step 9



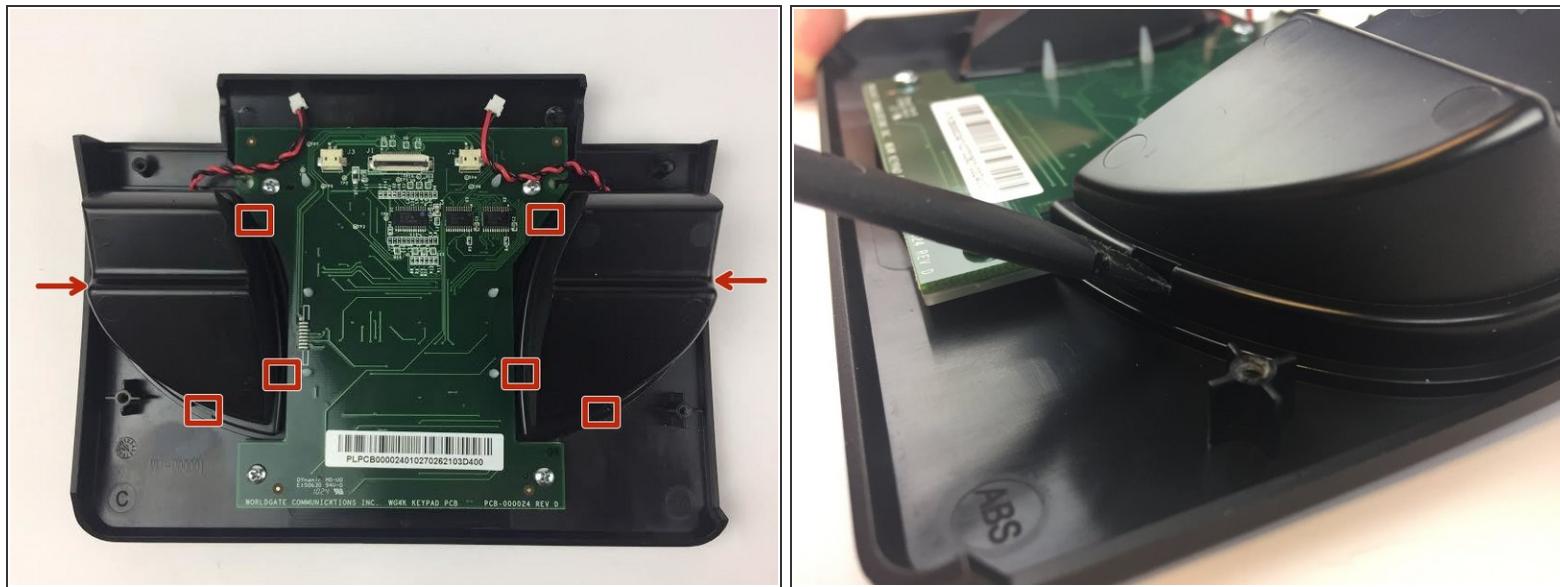
- Disconnect the ribbon cable from its insulation-displacement connector by flipping up the black plastic clip.
- Gently pull the ribbon cable out of its insulation-displacement connector.

Step 10 — Speakers



- Disconnect the two white 2-pin JST connectors from the keypad/speaker circuit board by tugging gently until they release.

Step 11



- The red markers indicate the four plastic clips arranged around the base of each speaker housing.
- Use a plastic spudger to push in the four plastic clips.

Step 12



- Once both speakers have been unclipped, gently pull the wire through the housing .

Step 13



- Use the Phillips #0 Screwdriver to remove the two Phillips head screws (6 mm)
- Gently lift up the black cover to expose the now freed speaker.

To reassemble your device, follow these instructions in reverse order.