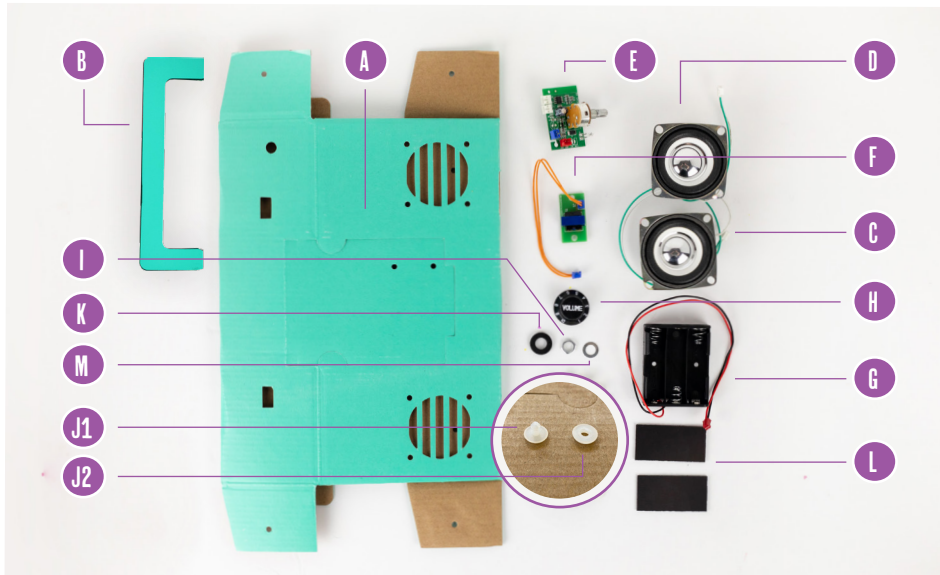


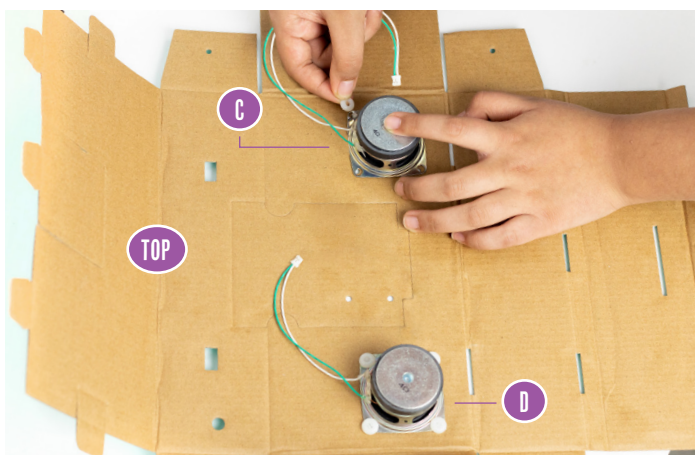
DIY BOOMBOX SPEAKER

BUILDING INSTRUCTIONS



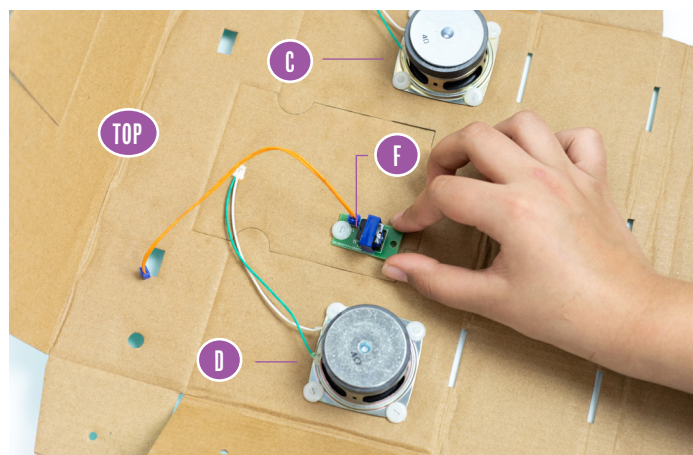
MATERIALS FOR ASSEMBLY

- A. UNASSEMBLED CARDBOARD BOX
- B. HANDLE
- C. LONG WIRE SPEAKER
- D. SHORT WIRE SPEAKER
- E. PCB BIG BOARD
- F. PCB SMALL BOARD
- G. BATTERY BOX (3 AA BATTERIES NOT INCLUDED)
- H. VOLUME SWITCH
- I. METAL NUT
- J1 & J2. PLASTIC RIVETS (x14)
- K. RUBBER GASKET
- L. MAGNET STICKERS (x2)
- M. METAL GASKET



STEP 1 INSTALL SPEAKERS C & D

Lay the cardboard flat - teal side facing down. Take long wire speaker **C** and secure it on the right side using plastic rivet **J** pieces. The wire should be facing up towards the top of the boombox. Once **C** is secure, repeat with short wire speaker **D** on the left side.

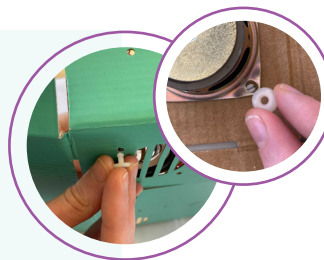


STEP 2 INSTALL PCB SMALL BOARD F

Take PCB small board **F** and place it on the two holes on the middle flap. For proper placement, the large black and blue part will be closer to the bottom hole. The orange wire should be facing up towards the top of the boombox. Use **J** pieces to secure.

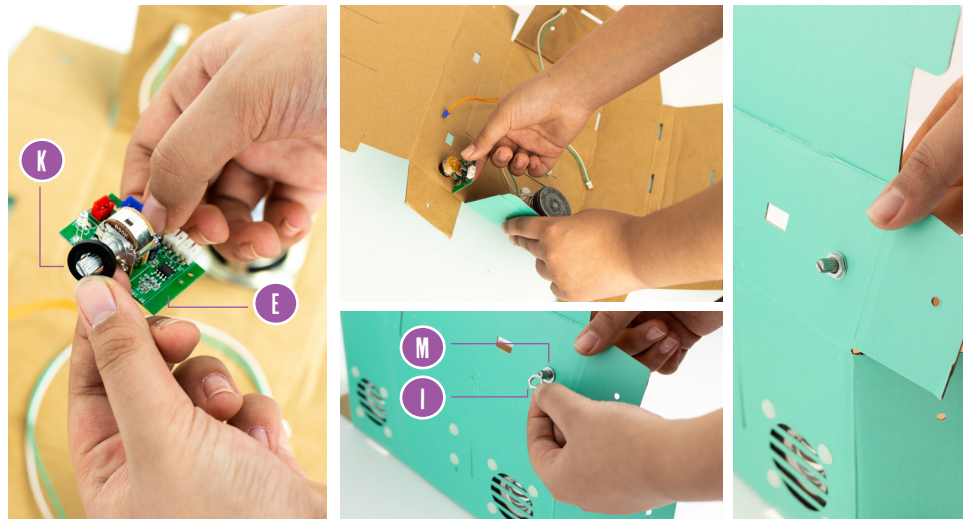
TIP!

When snapping plastic **J** pieces together, take **J1** with the plastic extension and thread it through from the teal side of the box. Place the box and **J1** on the table so the tan cardboard is facing up with **J1** poking through the hole. Take the flat plastic **J2** piece with the hole in the middle and press it onto **J1**. You may want to use a towel or wear a glove as a barrier between your thumb and the rivets to avoid any discomfort while snapping the two sides together.



SCAN QR CODE TO WATCH A TUTORIAL

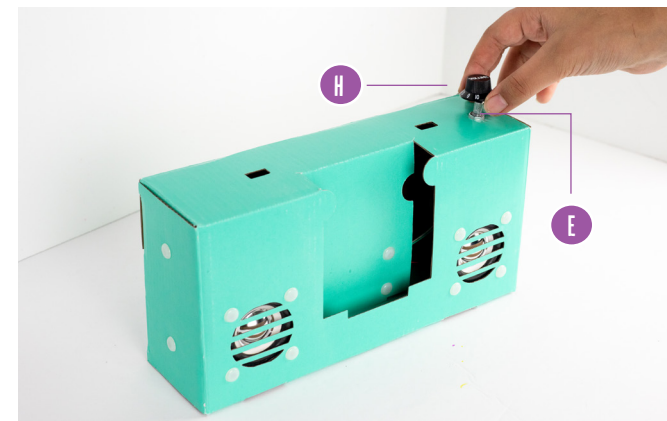




STEP 3 INSTALL PCB BIG BOARD E

Place the rubber gasket **K** on the silver handle of the PCB big board **E**. Thread the silver handle through the hole in the cardboard with the green board facing down. Place the metal gasket **M** over the silver handle. Screw metal nut **I** on top.

Tighten the nut **I** as much as possible so **E** can't move. Optional: use pliers to tighten the nut.

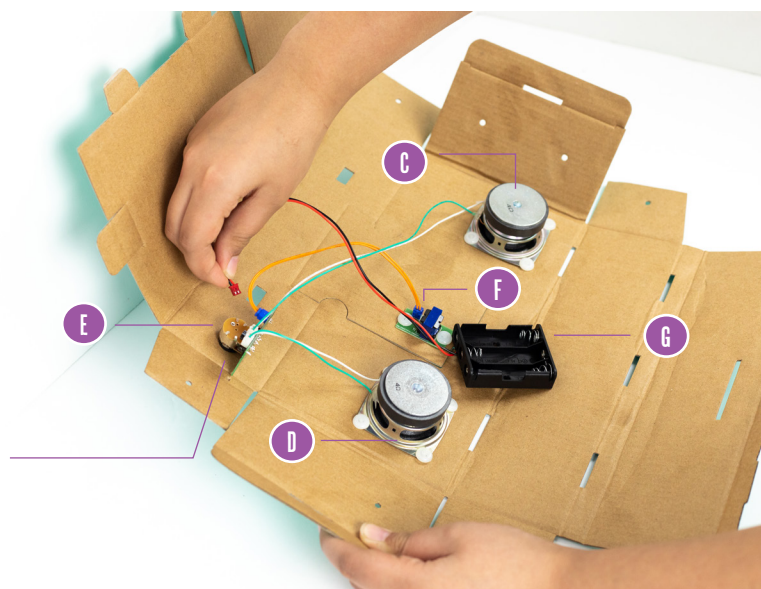
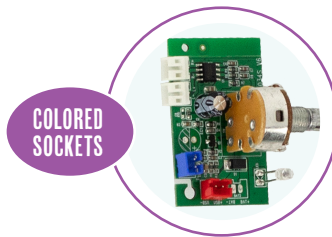


STEP 6 ASSEMBLE VOLUME SWITCH H

Ensure the volume knob is turned off, all the way to the left. Gently press the volume switch **H** firmly onto the silver handle **E** until secure.

STEP 4 CONNECT WIRES

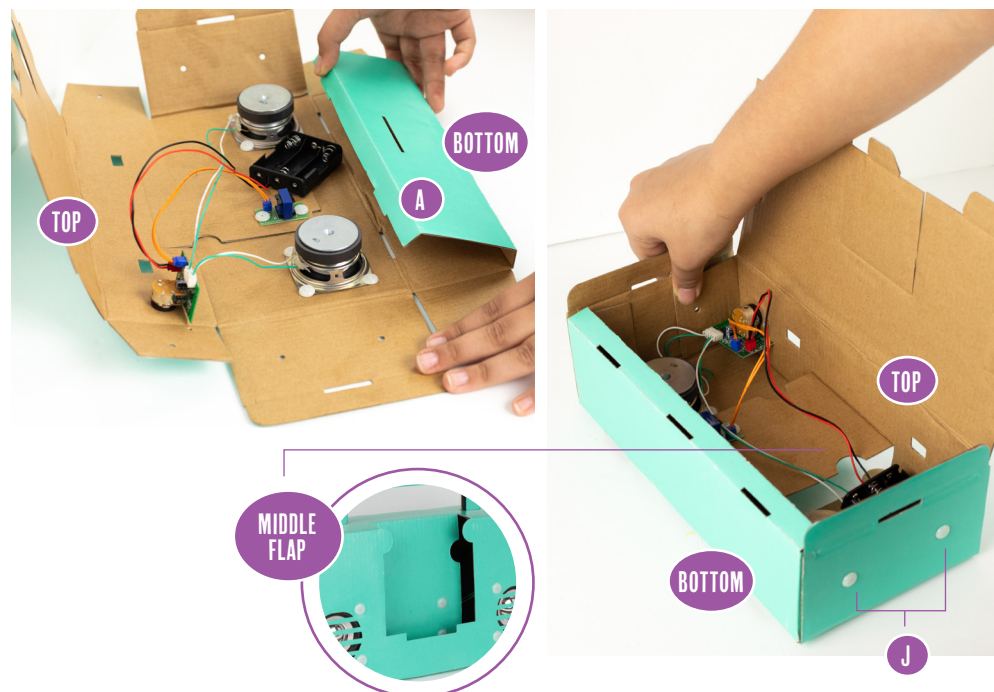
Insert the white plugs of the wire from **C** and the wire from **D** into the white sockets on the left side of **E**. Take the blue end of the wire from **F** and plug it into the blue socket of **E**. Insert the red plug of the wire from battery box **G** into the red socket on **E**.



STEP 7 BATTERY BOX G

1. Hold down the two side flaps of the box and fold down the back panel of the box securing it by inserting the cardboard tabs in the matching holes. Keep the back flap open to access the battery box **G**. Remove the white paper from magnet **L** and secure to the back of the battery pack.

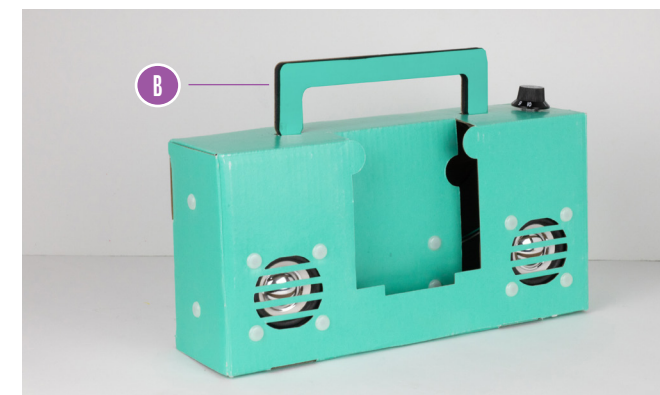
2. Place 3 AA batteries in battery box **G**. Remove the sticker sheet from the second magnet **L** (two magnets may be stuck together), and press to the cardboard on the bottom of the inside of the box to secure.



STEP 5 ASSEMBLE BOX

1. The bottom of **A**: Fold the bottom of the box **A** along the crease and insert it into the two long holes at the bottom of **A**. Fold the sides along the crease and secure with plastic **J** pieces to the bottom hole on each side of the box.

2. The top of **A**: Fold the top of the box along the crease. Push the middle flap in as you fold the top. The middle flap will insert in the long hole in the middle of the bottom of the box. Secure the sides using plastic **J** pieces in the top hole on each side.



STEP 8 INSTALL HANDLE B

Insert the two ends into the holes on top of the box.

TIPS FOR DECORATING



MATERIALS FOR DECORATING

- 1 METALLIC ACRYLIC PAINT MARKER
- 1 LIGHT TEAL ACRYLIC PAINT MARKER
- 2 SHEETS OF STICKERS (A&B)
- 1 BENDABLE STENCIL

THINGS TO HAVE HANDY

- PENCIL
- SCRATCH PAPER
- PAPER TOWEL
- SMALL BOWL OF WATER

STEP 1 PAINT YOUR BOX!

ACRYLIC PAINT MARKERS

1. Shake the marker for 30 seconds.
2. Gently push the tip of the marker down onto a piece of scratch paper. Repeat until you see paint appear on your paper. This may take some time, so be patient!

TIP!

If your marker starts to dry up, dip the tip of the marker into a small bowl of water. Dry with a paper towel. Repeat Step 2.

STENCIL

1. To make a full zigzag pattern on the back of your box, paint one side of your box using the zigzag stencil.
2. Flip the stencil horizontally, line up the pattern, and paint in the other side!

TIP!

For a crisp look, use a pencil to lightly trace your stencil design. Then, use your paint markers to color in your pencil markings.



STEP 2 PLACE YOUR STICKERS!

STICKER PLACEMENT

1. Use sticker sheet **A** and follow diagram **A.1** on the right to give your work the full faux boombox effect!
2. Use the stickers from sheet **B** wherever you like – get creative and express yourself!



TURN IT UP!

PHONE PLACEMENT & VOLUME

1. Open your favorite music app on your phone.
2. Place your phone in the holder on the front of the boombox and tap the play button on your app.
3. Turn the volume dial clockwise. You will hear a subtle click sound when you first turn it.
4. Turn the volume dial counterclockwise. You will hear a subtle click sound when it's off.

