Got Ears® EZ Form™ DIY Custom Earphone Mold Making Kit

Instructions for Making Custom Earphone Molds

Read all the instructions before beginning!

Consult with your physician before attempting to make earphone molds if you are currently experiencing any unusual symptoms in your ears, especially pain, tinnitus, drainage, or sores, or if you know of other medical conditions you have that may affect your ears or hearing. Better safe than sorry.

Once you are sure your ears are clean and healthy, proceed as follows:

A) Prepare your earphones. Remove any tips or foam covers from your ear pieces. The earphone molds you are going to make will replace the stock tips or covers once they are made, giving your earphones a custom fit. Practice inserting your earphone ear pieces into your ears so that you will be able to position them in the ear mold quickly and accurately during the molding process.

B) Prepare the ear mold material. Wash your hands thoroughly before opening the cases and handling the ear mold material. Do not use latex gloves. These react with the ear mold material and may prevent it from curing properly. Nitrile Gloves are can be used instead of latex if desired.

1) When ready, open both cases. One contains a color material and the other contains an accelerator. When you mix the two together, a chemical reaction causes the moldable material to set up, becoming a firm and durable ear mold after about 5 to 10 minutes. Curing is complete by 2-3 hours after mixing.

2) Divide the material in each case into two equal halves.

3) Combine one piece of color material with one piece of accelerator, kneading the two parts together using your fingers, until there are no streaks and the color is uniform throughout. Work quickly. Depending on the temperature, the material can begin setting up within 30-45 seconds!

C) Make the molds. Using a mirror will help you with the next steps.

4) Place the mixed material in your ear, covering the ear canal, and press the material to push it into the canal.

5) Using your fingers, pull the edges back to the center.

6) Now insert your earphones into the blob of material, making sure the earpieces are properly oriented and firmly seated in the ear. The stem of your in-ear earpieces should be roughly centered in the ear canal and not touching the side of the canal, or the speaker of your round buds should be roughly centered over the opening to the ear canal. Do not be afraid to pull the whole thing back out of your ear, mash it back into a ball and start over if you feel like you have it out of position. You will have a couple of minutes to work with the material before it becomes too stiff.

7) With the earpiece in place, dress the mold by smoothing the surface and rounding the edges of the mold all around.

8) Wait 5-10 minutes for the material to set up completely. Test by gently pressing your finger on the mold. When cured, the material should feel firm, with no give to it.

9) Remove the molds by working your fingers under the edges of the mold and gently rotating the top of the mold toward your face. Take your time and move the mold slowly so that the vacuum is broken before you try and pull the mold out. Removing the mold too fast can cause painful pressure on the ear drum, so be careful.

10) Remove the earphone earpieces from your ear molds and use a sharp knife, razor blade, Exacto knife, or scissors to trim off any sharp edges. Create a sound channel by drilling a hole through the mold material where the end of the earphone stem will be, or from the center of the round ear bud. This can be done with a drill bit simply worked by hand, or by using a dremel tool or Exacto knife. Put the earpieces back into the molds and trim the ear mold material off about even with the end of the earpiece stem that goes into your ear.

11) Let your ear molds air dry for at least three hours to complete the curing process before storing the ear molds in the reusable case(s) included. To use your custom ear molds, simply put them onto the ends of the earpieces and insert the earpieces with your custom molds on them into your ears.

Enjoy your tunes, and the newfound security and comfort of your very own custom earphone molds!

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