



## How to Build Cell Phone Speaker Amplifier

by [shadp](#) on March 12, 2014

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## Intro: How to Build Cell Phone Speaker Amplifier

This set of instructions will help those who need a cheap and easy way to boost sound volume on their smartphone.



### Step 1: Step 1

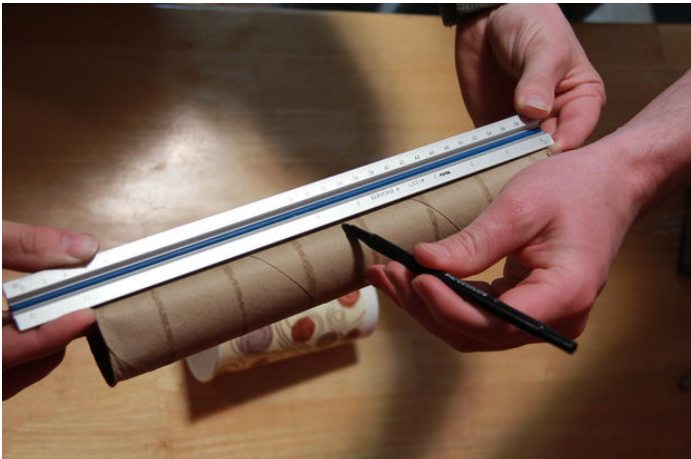
Gather Materials

1. 2 styrofoam cups
2. 1 paper towel tube
3. Pen
4. Ruler
5. Scissors or exacto knife
6. Smartphone



### Step 2: Step 2

Use ruler to find the center of paper towel tube and mark with Sharpie.



### Step 3: Step 3

Trace base of smartphone (or side the speaker is located) around center point, parallel with tube.



### Step 4: Step 4

Trace end of tube on lower side of each cup.



### Step 5: Step 5

Cut out traced regions in cups.



### Step 6: Step 6

Cut out traced region in tube leaving a half inch flap inside the traced region on each end.



### Step 7: Step 7

Slide each cup onto either end of the tube laying the cups on their sides.



### Step 8: Step 8

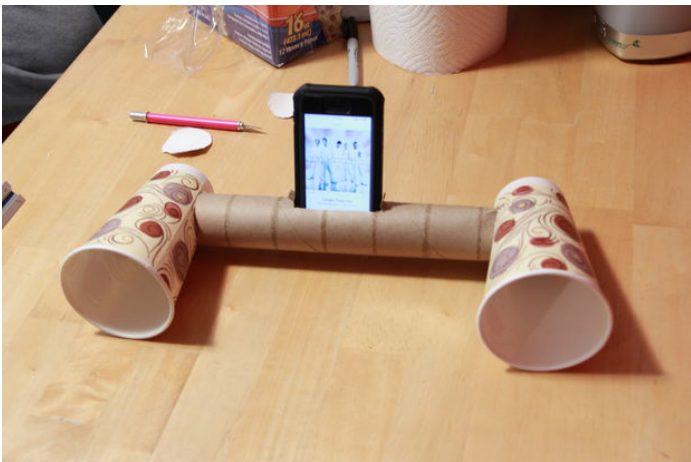
Choose song on smartphone (for easier access).

### Step 9: Step 9

Place speaker end of smartphone into the tube slot.

### Step 10: Step 10

Turn on music and enjoy your new speakers.



## Related Instructables



**555 timer based plasma speaker**  
by Alex1M6



**How to amplify your iPhone speakers...with your hands!** by techwhisperer



**Skype-controlled robot using smartphone and DTMF tones** (Photos) by janisalnls



**Rubens Tube 8 foot long AMAZING** by namit



**14 amp hour / 140 watt hour lithium ion battery** by Noblenutria



**Solar Minty Boost Amp/Battery Booster** by ShadowHakr

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**Danger is my middle name** says:  
Nice, simple and cheap! Thanks for sharing :)

Mar 13, 2014. 10:42 AM [REPLY](#)