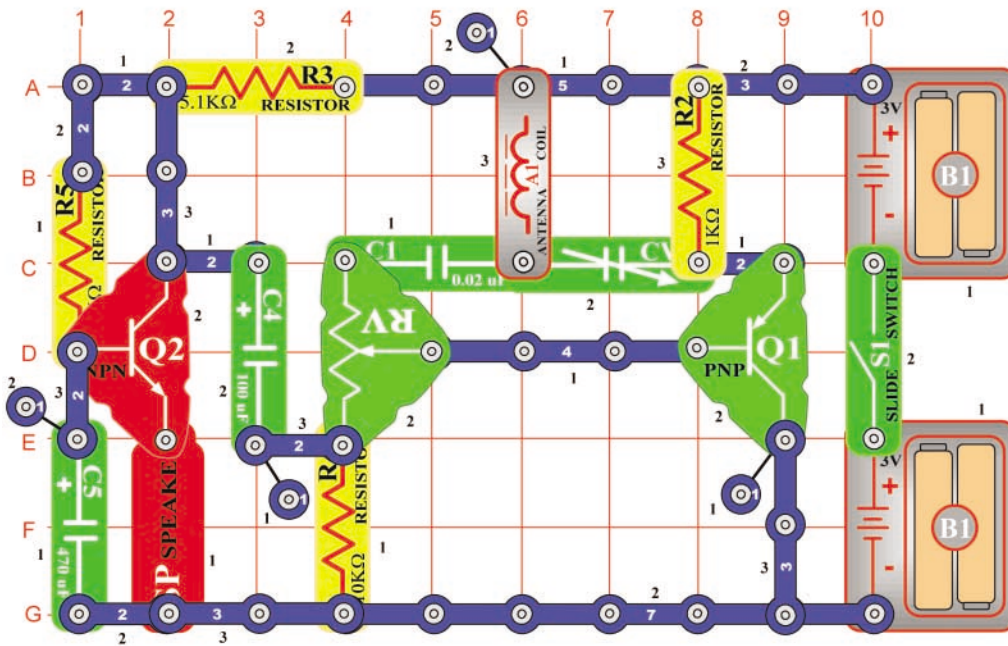




# Project #A27

# Radio Announcer

**OBJECTIVE:** To hear your voice on the radio.



You need an AM radio for this project. Build the circuit shown but do not turn on the switch (S1). Place it within a foot of your AM radio and tune the radio frequency to the middle of the AM band (around 1000 KHz), where no other station is transmitting. Turn the volume up so you can hear the static. Set the adjustable resistor (RV) control to the middle setting. Turn on switch S1 and slowly tune the adjustable capacitor (CV) until the static on the radio becomes quiet. You may hear a whistle as you approach the proper tuning. In some cases you may also need to set the adjustable resistor slightly off-center.

When the radio static is gone, tap on the speaker with your finger and you should hear the sound of tapping on the radio. Now talk loudly into the speaker (used here as a microphone) and you will hear your voice on the radio. Set the adjustable resistor (RV) for best sound quality at the radio.