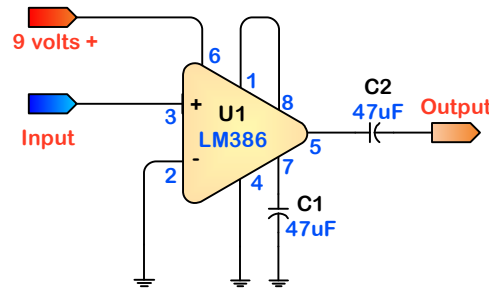


Cigarette Amp

This circuit is a clone of the Smokey amp, a great low-wattage guitar amp great for practicing without waking up the neighbors or babies. Based on the 386 chip, it is amazingly simple: the chip and two capacitors supply about half of watt of steaming pedal. Note that the output on this circuit is not going to be your amplifier or another pedal. **It is a power amp design, so the output will be a speaker.**



Hooking up a Speaker

This circuit is designed to power an 8 ohm speaker, but will also work on 4 ohms or 16 ohms. Because the power output is so low (on the order of 500mW) you can hook it up to just about any type of speaker without worry about damaging anything.

Using a Guitar Cab

The amp sounds best hooked up to a guitar speaker, so if you have a speaker cab, hook it up there. Simply run a 1/4" mono cable between the i/o breakout box's output jack and the input jack on your cab.

Using a Small Speaker

If you have a small speaker, you can connect it either directly to the breadboard, or if the speaker's wires are too big, use the terminal strip on the main board. Run one wire from ground on the breadboard to one of the terminal strips. Run the output wire from the breadboard to another screw on the terminal strip and connect it as shown below:

