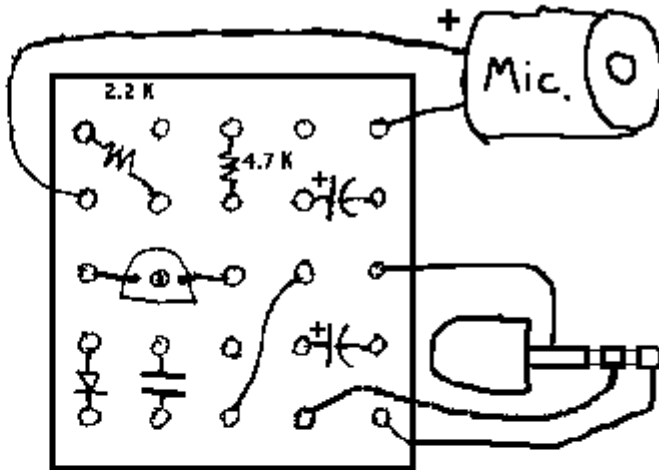
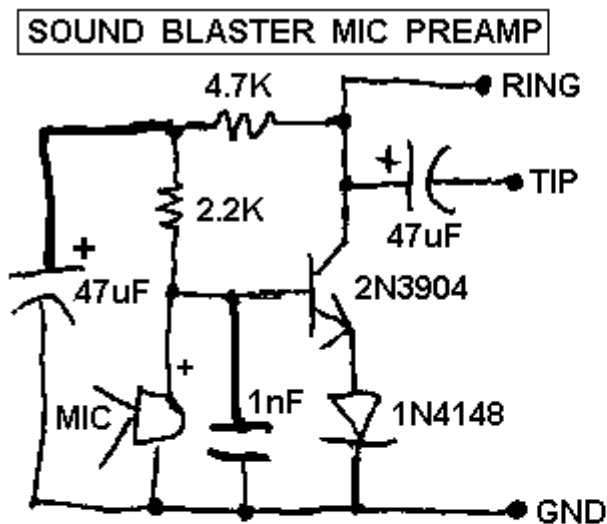
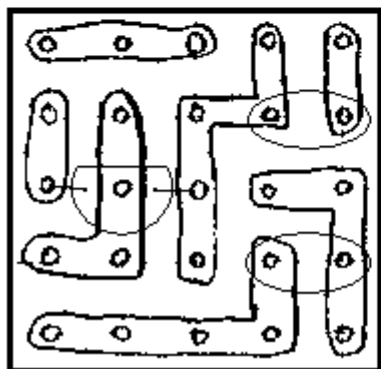


Soundblaster Preamp - Fixes that well known problem [HOME](#)

The Sound Blaster 16 PCI and Sound Blaster 16 ISA do not have a very sensitive microphone input. This little one transistor amplifier is powered directly from the microphone jack on the sound card and has LOTS of gain. Just put a 100uF bypass capacitor in parallel with the diode to increase gain even more. Note that sound cards other than those mentioned above might not supply the correct power to run this amplifier.



<http://www.members.shaw.ca/novotill>



This circuit boosts microphone signal levels for the Sound Blaster 16 ISA or PCI sound cards. The cards contain a 200 ohm resistor from ring to +5 to supply mic power for use by just such an amplifier circuit.

Note: Microphone is a plain 1.5 volt electret type.

Bottom view of the PCB
The two caps are at right

snovotill@hotmail.com



I do not guarantee the accuracy or safety of any information herein.

  **email me**  
snovotill@hotmail.com

[HOME](#)

 **HTML**
3.2 

Do not experiment with or build any of the above circuits.