

LM3886 Power Amp Project

Version 2010February27

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This is a power amp project based on the LM3886 or LM3876 amp ICs. Thanks to Dean Hazelwanter for the PCB design. For the Mute Switch: Install a jumper for normal operation, or use a SPST switch and label it "Standby".

Bill of Materials

Resistors (1/4 watt rating)

2 – 1k

1 – 33k

1 – 39k

1 – 10 ohm 2 watt resistor with 10-12 turns of #22 insulated wire

Pots (1/4 watt or higher rating)

1 – 10k trimmer

ICs

1 – LM3886 or LM3876

Capacitors (35 volt or higher)

2 – 0.1uf film

1 – 10uF aluminum electrolytic

1 – 100uF aluminum electrolytic

2 – 2200uF aluminum electrolytic

Other

1 – SPST (mute or standby switch)

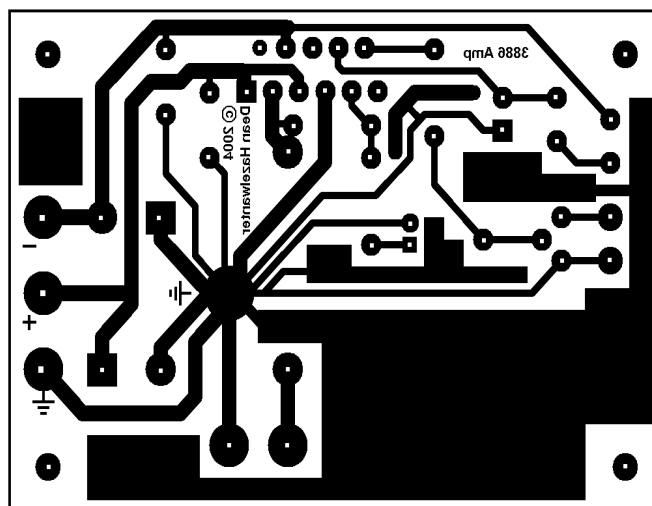
2 – mono quarter inch jacks

18v bipolar power supply

Copper-clad board, etchant, or perfboard

24 gauge stranded wire

Enclosure



Size 8.4cm x 5.8cm

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