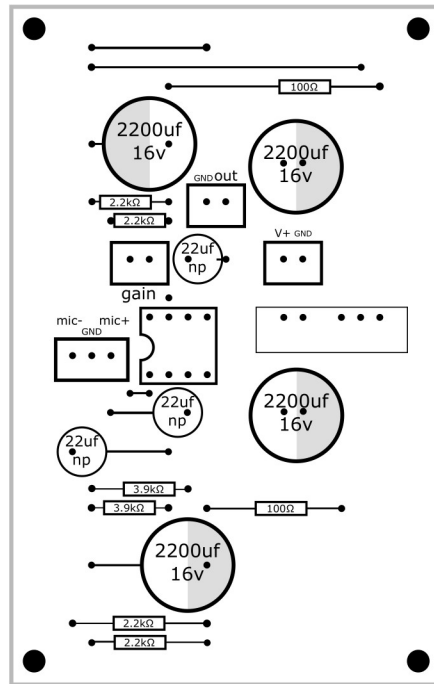


DIY Perks

Microphone Project version 1.1

Print this with 'no scaling' on a normal printer.



Use this gauge to verify that this template has been printed to the correct scale.

100mm

Required components:

95mm x 64mm stripboard (1 pcs)
22uF non-polarised capacitors (3 pcs)
2200uF 16v capacitor (4 pcs)
2.2kΩ resistors (4 pcs)
100Ω resistors (2pcs)
3.9kΩ resistors (2pcs)
XH 2-pin connectors (3 pcs)
XH 3-pin connector (1 pcs)
8-pin DIP socket (1 pcs)
THAT 1512 amplifier IC (1 pcs)
±15V power isolator NMA0515SC (1 pcs)

1x rotary switch for volume control

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v1.1 Change Log: USB power input capacitor polarity on diagram corrected.

Values for rotary switch volume control, from quietest to loudest:

560Ω, 270Ω, 150Ω, 82Ω, 56Ω, 27Ω, 18Ω, 15Ω, 11Ω, 9.1Ω 5.1Ω

These are not precise: feel free to find closest values