

Roger Gustavsson <roger.gustavsson@jonkoping.se>
To: "alexanderhosford@yahoo.com" <alexanderhosford@yahoo.com>
Re: Alice Mic PCBs

20 November 2013 15:44

1 Attachment, 15 KB

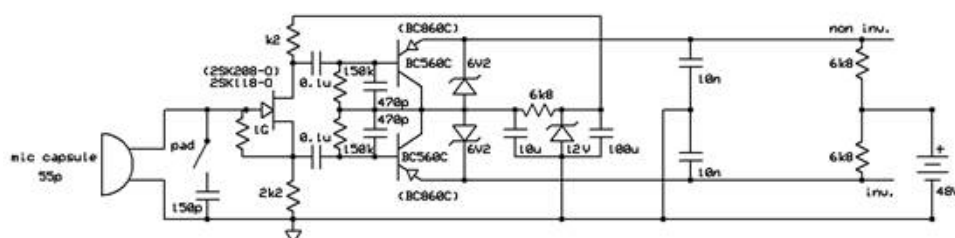
Hello Alex,

I could be interested in some boards.

I think you should consider to place capacitors across R4/R5, about 470 pF. C2/C3 can also have a smaller value, especially if R4/R5 are increased to 150 kohm. Protective diodes from output to ground are also recommended. Some of the components can be found in smaller packages, like the electrolytic capacitors. Surface mounting is not a bad idea either!

Below is a schematic for the Nakamichi CM300. Input from Richard Lee. Components on the right are just for showing what is driving the circuit (48 V across 6k8 resistors).

Schoeps-style schematic for 48V supply



If there are intentions for using the microphones with portable units, it is recommended to use P12, 12V across 2k2 resistors and a change of the 12V-zener to 7-8V. That will draw less power from the portable device.

Regards

Roger Gustavsson

Huskvarna

Sweden