

Subject: Another Mic Preamp

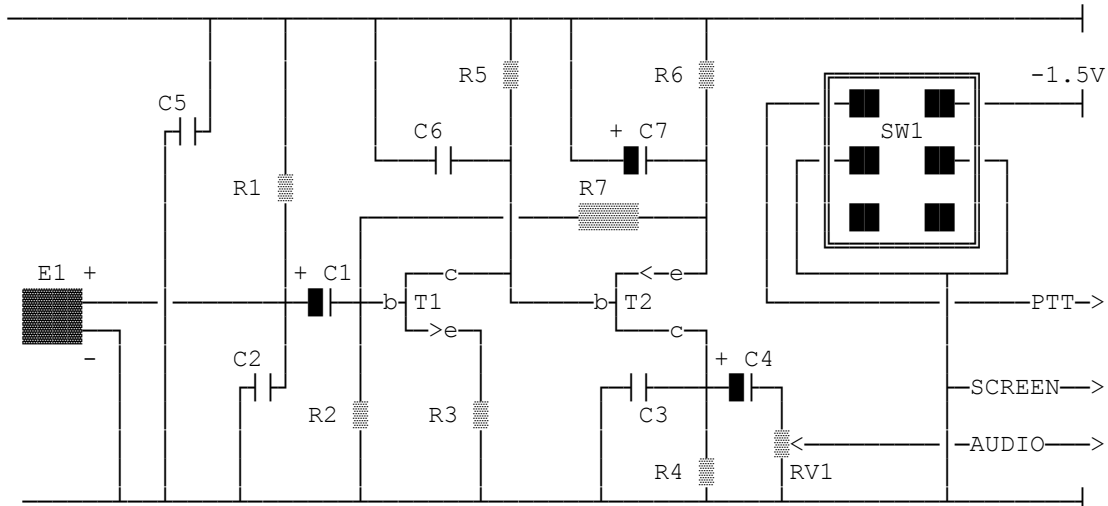
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The microphone below I have made and used now for around 15 years, it has lots of gain and a very small current drain, the 1.5V battery will last for over a year with daily use.

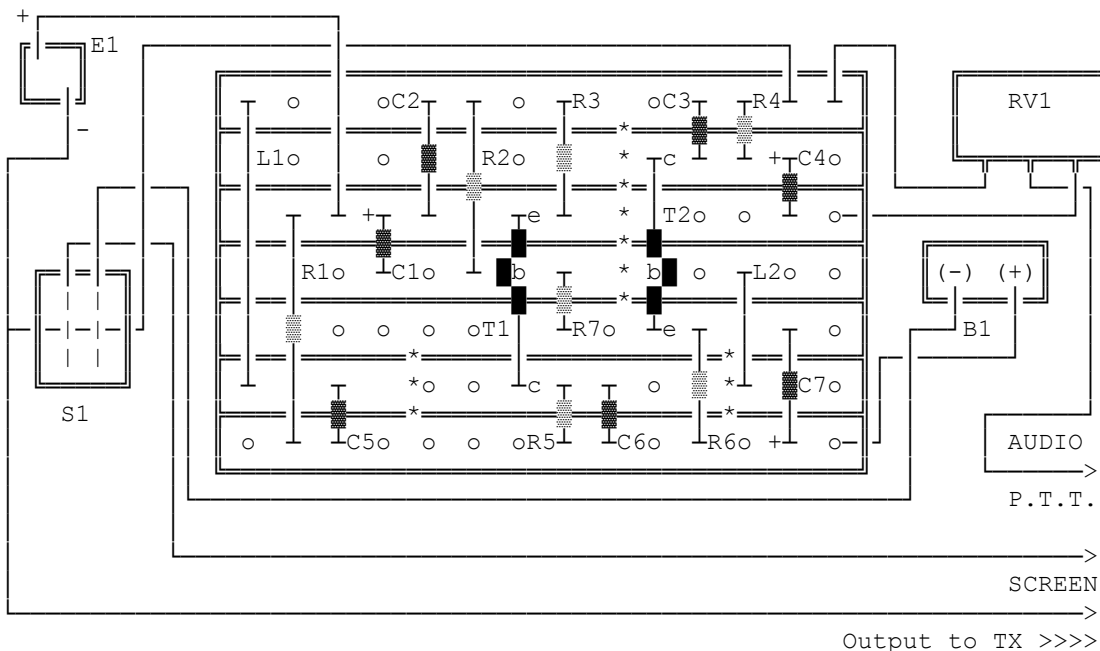
Pre-Amp Microphone



+1.5V

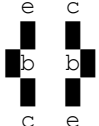


Resistors:- R1,R4=1K. R2,R7=100K. R3=470ohm. R5=10K. R6=510ohm. RV1=5K lin pot.
 Capacitors:- C1,C4,C7=1mf mini electrolytic capacitor. C2=1nf disc capacitor
 C3,C5,C6=4.7nf disc capacitor.
 Transistors:- T1=BC549C. T2=BC559C.
 E1=Electret Mic Element. SW1=D.P.D.T. Switch.

MATRIX BOARD LAYOUT



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 DIAGRAM VIEWED FROM COMPONENT SIDE, COPPER STRIP ON OPPOSITE SIDE  
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 Diagram Symbols:-  = Resistors.  = Capacitors. o = Vero board holes

 = Transistors. * = Breaks in Copper track.

+ = Marked on diagram for the positive connection on electrolytic capacitors
 L=Link Wire. B1=1.5V AA Cell Battery

 || | 73 de Alan | ||
 2E1ESY @GB7NND.#23.GBR.EU

Why don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP