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
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+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.

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MATRIX BOARD LAYOUT
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DIAGRAM VIEWED FROM COMPONENT SIDE, COPPER STRIP ON OPPOSITE SIDE

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

Why don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP