

Before we start...

I can understand if you have concerns building tube gear as there are serious voltages involved. So as always when dealing with electronic circuits and with tube gear in particular, you have to work carefully.

PRECAUTIONS

There are some essential rules which, if followed, should make building your own tube gear a safe ride.

1. ALWAYS unplug the unit from the mains before touching the circuit.

2. BE AWARE:

Capacitors act pretty much like a battery - they can hold their voltages for a pretty long time - longer than you might expect.

3. SO IF YOU'RE NOT SURE:

Go measure with a digital multimeter (DMM).

4. IF THERE IS VOLTAGE:

Use your DMM and a capacitor discharger/ bleed resistor to discharge the cap.

There's more info on this on the next page.

5. IF IT SHOULD BE REQUIRED

to measure a live unit, use a crocodile clip, at least for one probe so you don't have to fumble around inside the box with both hands.

6. ALWAYS DOUBLE CHECK

your components before soldering them in - this can save you a lot of trouble later...

