Valve Heater delay Drake L-4B PA

By G8MNY (Update Dec 18)
(8 Bit ASCII graphics use code page 437 or 850, Terminal Font)

This USA made Drake PA as a pair of expensive (RCA=$750 ea) 3-500Z valves in it. These have a separate heater transformer in the PA unit.

To reduce the heater inrush current, that can eventually blow the bright direct cathode filament, I added a 400R NTC 5W Thermistor (ex Valve TV heater chain) instead of the 220V bridging strap of the 2x 110V windings. The thermistor is put in a heat proof silicon sleeving & heatshring on leads, as it is on mains circuit & hot.

Results is, the heaters now take 4 sec rather than 0.5 sec to warm up now, & the filament volts have dropped a bit from 4.9V to 4.6V. But RF power still 900W max on low power HT tune setting. So the heaters are bright (hot) enough!

See my Tech bul on "ALC line for Drake L-4B PA", & "PTT Line for Drake L-4B PA".

Why Don't U send an interesting bul?

73 de John, G8MNY @ GB7CIP