

The problem

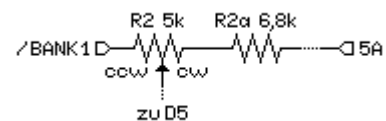
I looked a simple way to reduce the maximal output power of my K2. I wound the final transformer with an 1-to-1 ratio. This modification is pictured in the manual. But when I not pay attention, so I turn the power taper after tuning over the 5-watt-position to the maximum position (and the "HIGH CUR" message will displayed).

The wish

I wanted to become with this modification a maximum power of 5 watts (or a little bit more than this) displayed when I turn the power taper at the maximum end.

The way

I have insert a new resistor (named R2a with 6.8 kOhm) on one side (labeled cw) of the power taper R2 on the front panel board.



The modification

The modification is easy (I thinking it). ;-)

1. Put the front panel board in such a direction so you can read the writing on it.
2. Separate the right pin of R2 as closely as possible over the board. It is confined between the potentiometer and the diode. Use small shears for fingernails for it.
3. Move the cuted pin parallel to the board.
4. Remove the remainder of the pin of R2 on the printed circuit board.
5. Solder one side of the new resistor into the free hole.
6. The other side connects with the cuted pin of the potentiometer.
7. Notes that the pin of the potentiometer and the resistor do not touch other sections of the board or the front panel. A place on the left side of U3 is a good place or it.
8. That's all!

The result

After these modification as final value 5.2 watts are displayed.

The note

Something other values for R2a and R2 (by the tolerances) can take something other results for the power.

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