

IF output for Kenwood TS 2000 X transceiver.

**The following article is Inspired by the work of LA8OKA
MARTIN**

Original reference on:

http://www.arcticpeak.com/radiopages/kenwood_ts-2000_12_khz_if_output.htm

WARNING!

Do not try this if you don't have experience on soldering small parts.
Use only a soldering iron of max 30W.

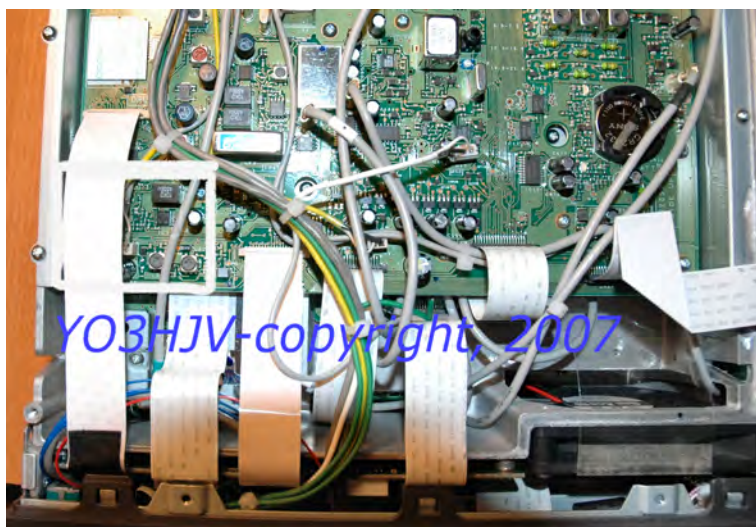
Be prepared with:

- Soldering iron 30W;
- Hot glue;
- Double sided adhesive tape;
- 1 m of shielded audio cable;
- Philipps Screw-driver
- Clams.

1. LOCALIZATION OF WORKING SECTOR

Carefully remove the panels of the radio.

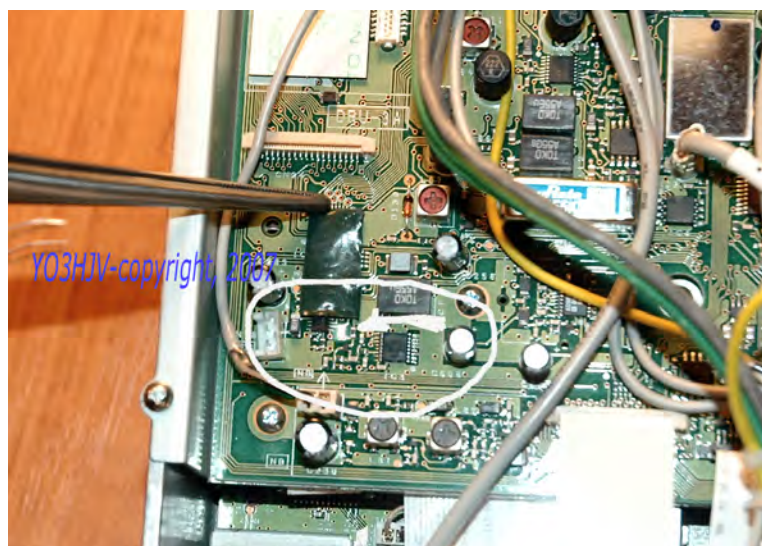
Place the radio with the upside down and the front to you.



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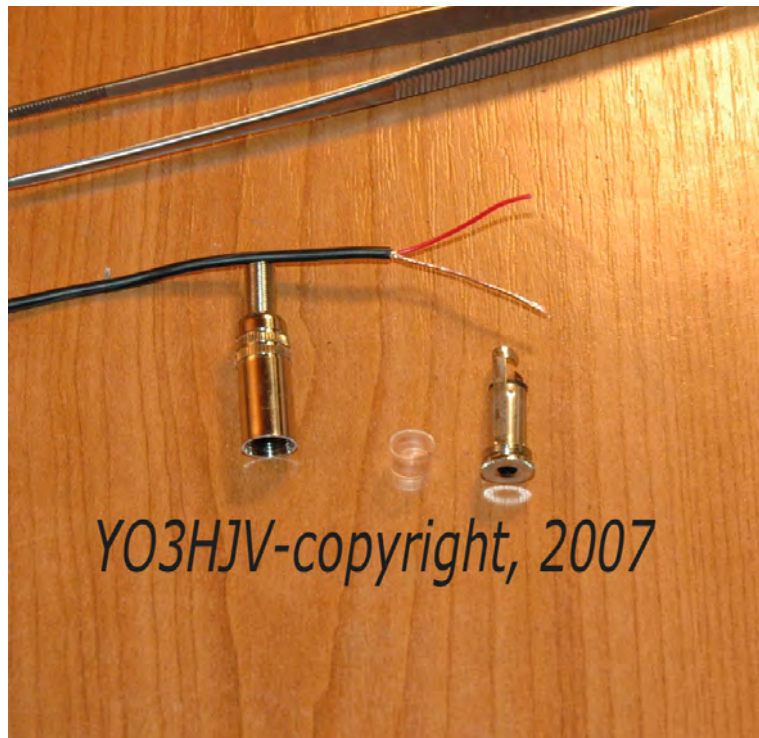
2. PLACE A DOUBLE ADHESIVE TAPE.
Leave the protection foil on the tape.



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2. PREPARE THE PIGTAIL CABLE.

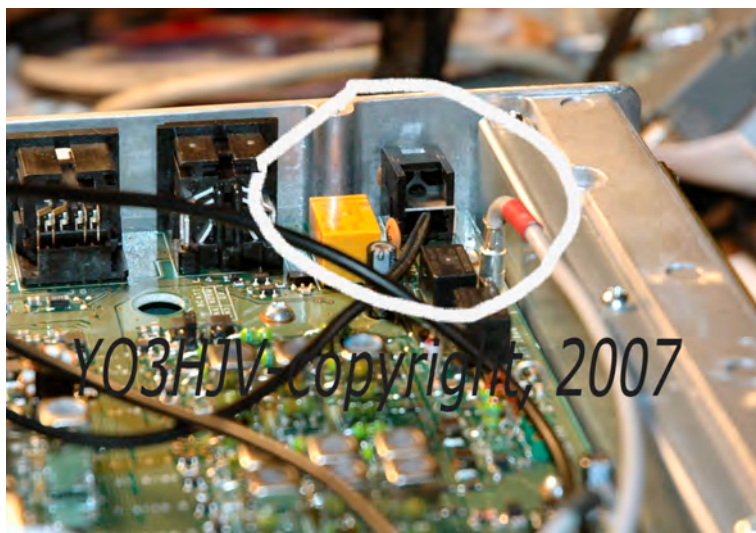
I decided to use a small stereo 3.5 mm female headphone connector.



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3. USE THE RCA CONNECTOR TO ROUTE OUTSIDE THE PIGTAIL CABLE

It's hard to find a opening to route the cable outside from the radio. I use the inner hole of the receiving HF antenna RCA.



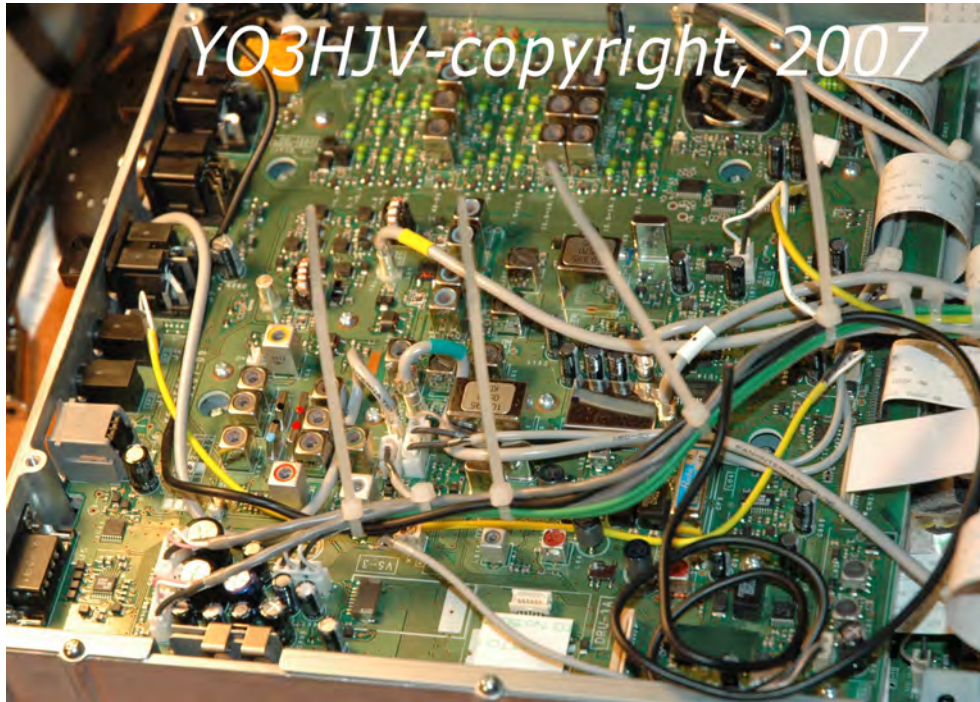
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4. SOME RE-ROUTING WORK WITH THE CABLES INSIDE THE RADIO.

I do some re-routing work on the cables because it looks to me that the cables put some mechanical stress on the radio components.

I used a few tyre-up's for this work

It is not necessary.



5. MECHANICAL FIXING THE CABLE WITH SOME HOT GLUE.

I fix the cable with hot glue.



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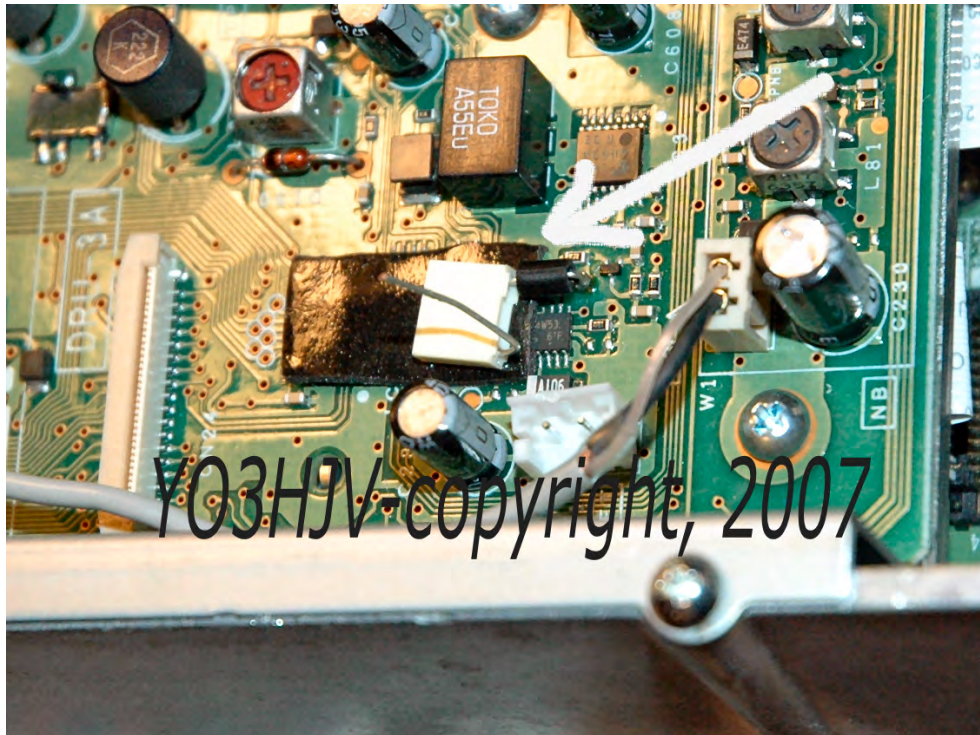


6. PLACE THE CAPACITOR (0.1 microF) AS SHOWN, ON THE DOUBLE ADHESIVE TAPE.

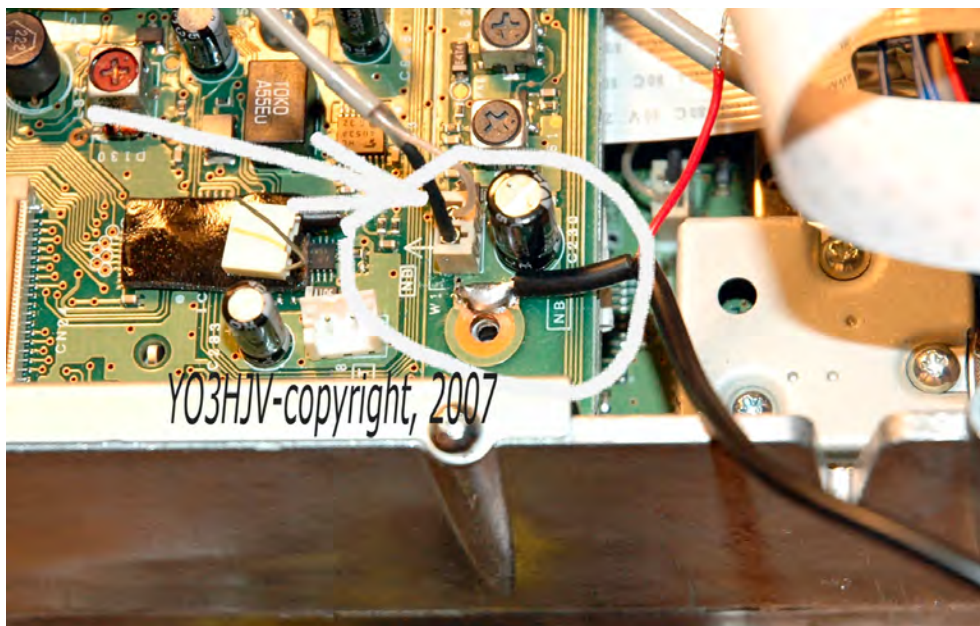
But first, you have to do some preparations as shown.



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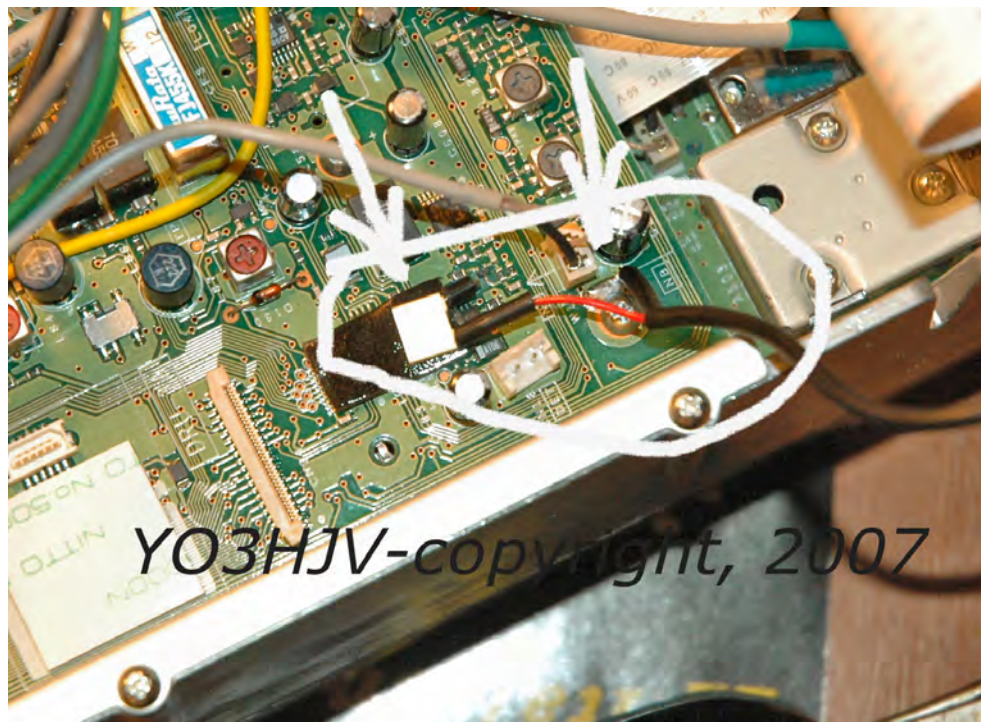


8. REMOVE THE SCREW, SOLDER THE GROUND OF THE PIGTAIL CABLE. CAREFUL NOT TO MELT THE CAPACITOR AND THE BOARD CONNECTOR.

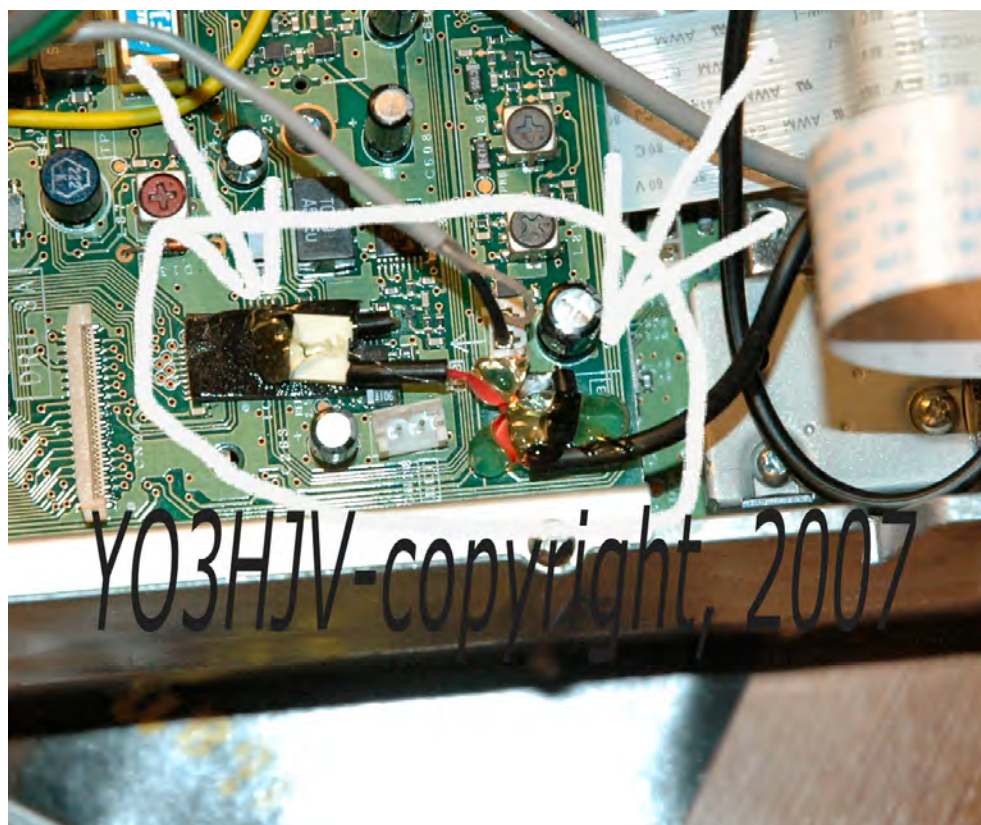


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9. SOLDER THE PIGTAIL CENTER CABLE ON THE CAPACITOR.



10. SOME MECHANICAL FIXING OF THE PIGTAIL CABLE WITH HOT GLUE.



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11. RECEIVE WHATEVER YOU WANT!

