

Model: UT2000B - 10 to 160 Meters
Installation and Operation Instructions
Please Read Instructions Carefully Before Using The Unit



Connect transmitter to input of Transmatch with suitable lengths of 52 ohm coax. Connect coax fed antennas to fitting marked COAX. Connect random wire antennas, or any antenna with a single wire feed, to connection marked Random Wire. If balanced line is used connect balanced line to connection marked Balanced Line with Jumper as indicated on back panel. Attach ground wire to lug marked Ground. If dummy load is used connect to Dummy Load fitting.

Function Switch

IN - The unit is in the circuitry to output

OUT - The unit is out of the circuitry, input is directed to output

DL - Transmitter is direct to dummy load and unit is disconnected

- Antenna system is grounded

Do not switch under load.

Initial Tune-Up - 75-80 Meter Band

1 - Set function switch to "in"

2 - Set inductor to #0 - Do not force stops at 0 and 38 turns.

3 - Set input capacitor to mid-scale

4 - Set output capacitor to mid-scale

5 - Apply reduced power. Meter should read about half scale. Meter adjustment may be necessary.

6 - Increase inductor until meter shows maximum dip. Do not go beyond this point.

7 - Adjust input capacitor for further dip

8 - Adjust output capacitor for further dip

9 - Follow this procedure with input and output capacitors until satisfactory match is obtained (near zero on meter).

Note 1: If input capacitor reaches full scale and a match is not obtained, increase inductor by one or two positions.

Note 2: Tune-up on other bands similar.

Note 3: When using balanced line, set input capacitor full scale and set output capacitor full scale. If a meter dip is not obtained when adjusting inductor, reduce capacitor readings by like amounts until dip is observed.

Note 4: A dummy load is desirable but not mandatory. If a dummy load is used, the function switch may be tuned to DL and the transmitter tuned directly to the dummy load in the usual manner.

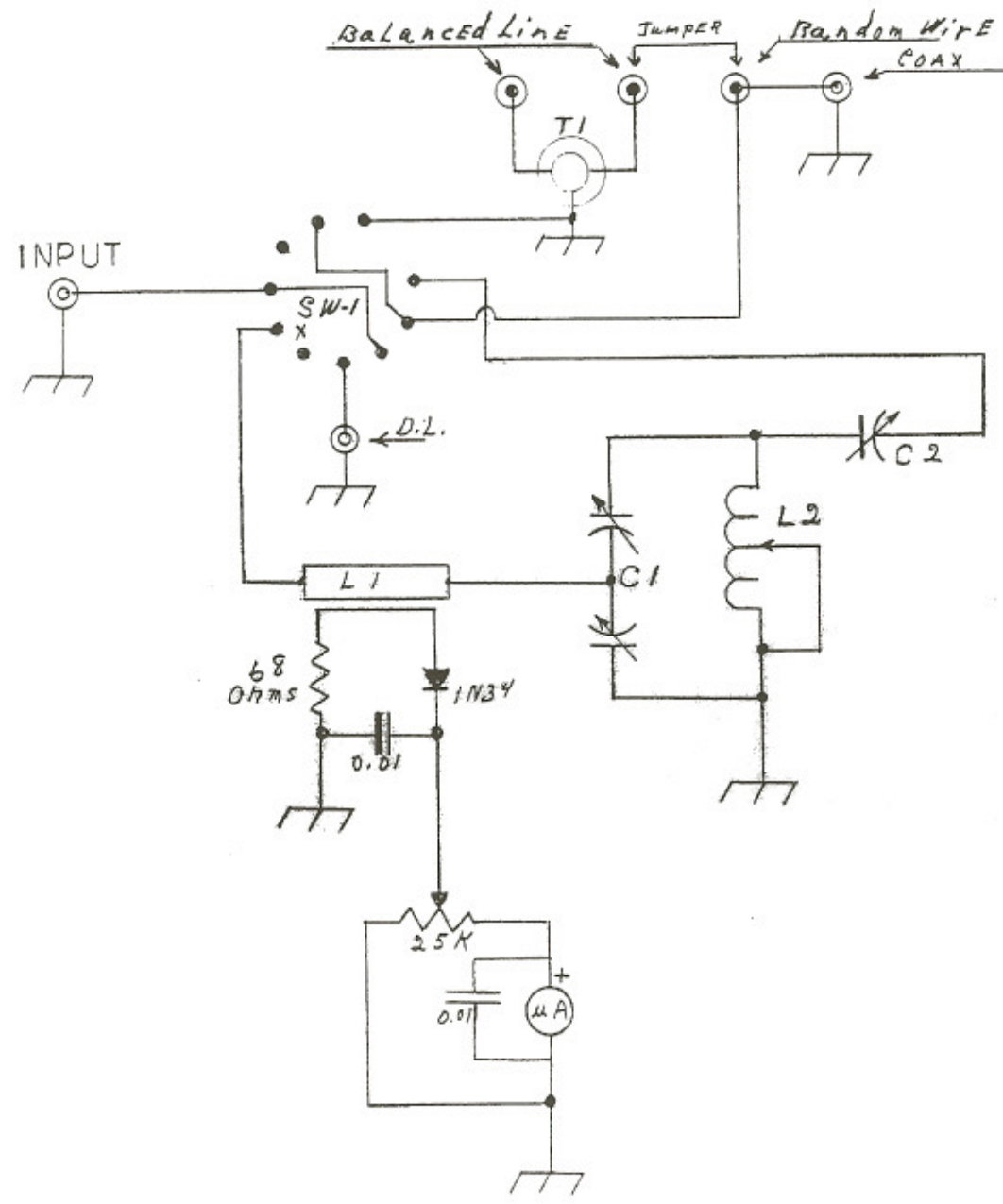
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INSTRUCTIONS FOR MODEL UT2000B with ANTENNA SWITCH

General operating instructions for model UT2000B with antenna switch are the same. Please follow diagram on back panel for proper antenna sequence with indicator marks on front panel, such as coax antenna (1, 2, 3) then random and open wire line. Jumper cable is no longer necessary on UT2000B with antenna switch.

WARNING

Do not switch antenna switch or function switch while under load conditions. Switch damage or failure may occur.



SCHEMATIC FOR
UT2000B