

# ZLP Electronics

A Ham Radio Deluxe Sponsor

[www.g4zlp.co.uk](http://www.g4zlp.co.uk)

## DigiMaster TS 50 CAT Interface instructions

Avoid putting too much any stress on the supplied CAT connector. These are small and fragile. Replacements are available should you need one.

[1] Remove / unplug the CAT lead from the interface.

[2] You remove the casing of the radio. (Bottom).

NOTE: You can access the "CN6" CAT socket without removing the lower cover, however you will not be able to secure the cable to the inside of the radio and instead you would then secure the cable to the radios "grill".

[3] Remove the "plug" on the lower case to reveal the hole in the case.

[4] Thread the lead through the hole in the case.

[5] Locate the radios CAT connector "CN6".

[6] Plug the CAT lead into CN6, be careful NOT to stress the plug which is relatively fragile.

[7] Use a tie wrap or any other convenient method to secure the CAT cable so as to avoid stress / strain on the CAT plug.

[8] Fit the radios covers.

[9] Turn the PC off.

[10] Plug the CAT lead into the interface.

[11] Turn PC on.

[12] Plug the USB lead into the interface.

[13] Plug the other end of the USB cable into the PC.

[14] Turn the interface on.

[15] Install drivers and identify the virtual comport provided (see instruction page on website / device manager guide if you are not familiar with pc's).

Installing drivers may be done automatically by your pc, if your pc asks for driver then simply allow your PC to search the net to obtain latest version.

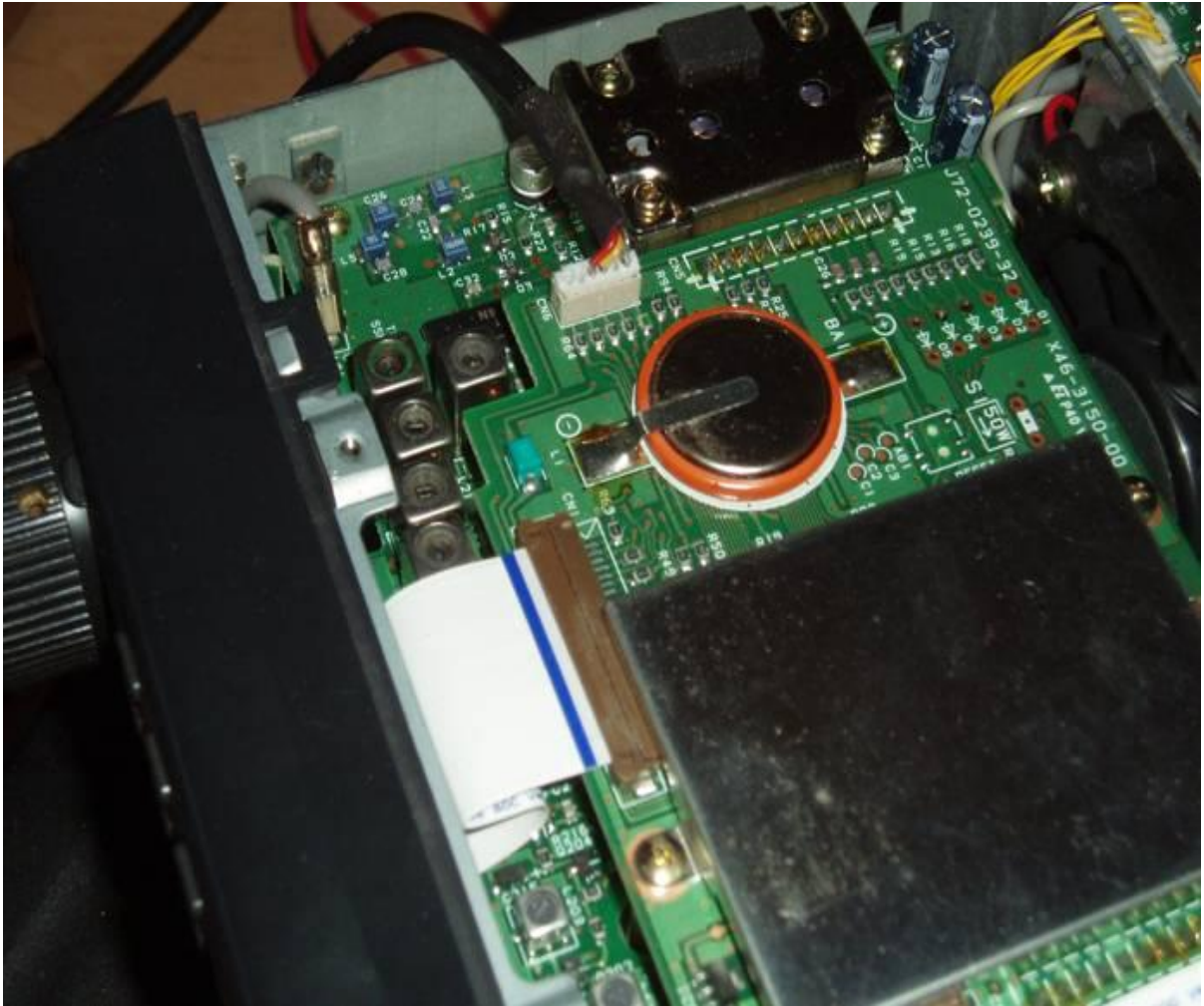
[16] Start HRD (or your own CAT software).

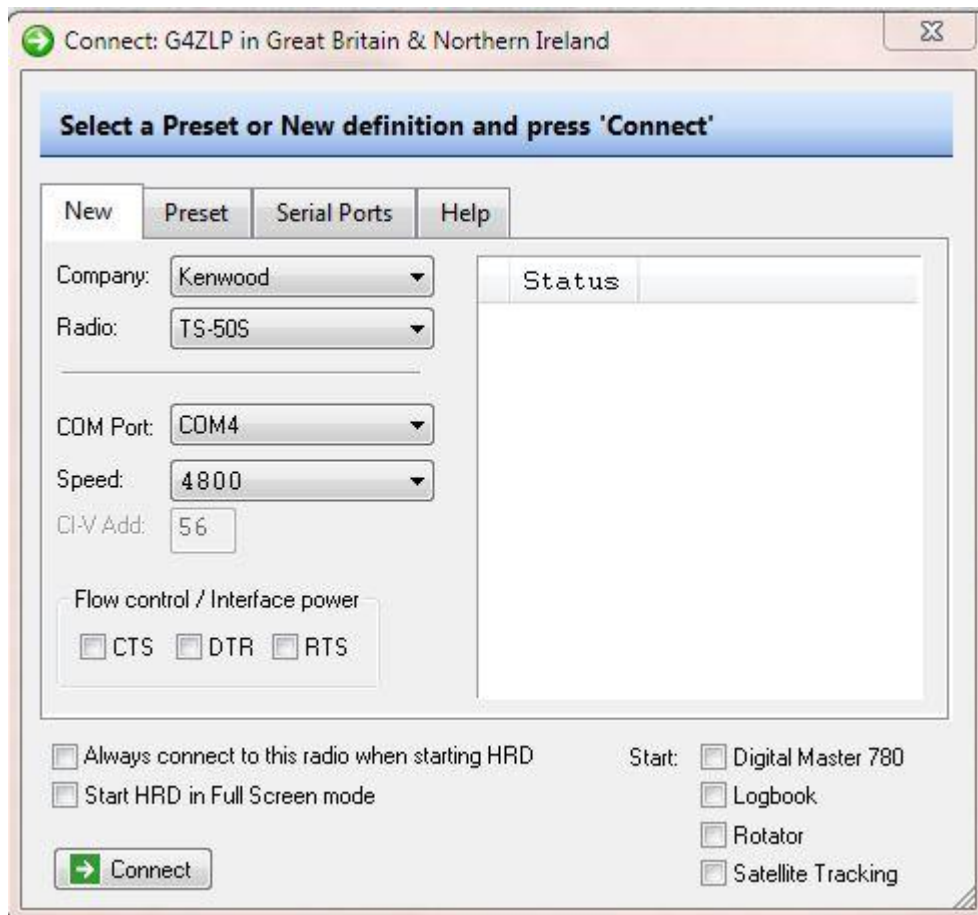
You should turn on the interface before starting the software.

If you turn the interface off, you MUST restart HRD (otherwise a bug in HRD will prevent any connection).

[17] Set parameters (radio / baudrate 4800 / comport) and click connect.

For WIN-EQF parameters see lower down.





In the "COM Port" drop down (in the above configuration window), you enter the comport provided by Windows on your machine, which may or may not be "4". If you are not sure then run the test described below and the program will tell you the comport assigned. The Flow control box's must be left "un-ticked".

In WIN-EQF

The parameters are;-

Port : Com[x] Where [x] = the comport assigned by Windows.

Baud rate : 4800

Data Bits : 8

Parity : None

Stop Bits : 2

RTS : Always On

DTR : Always On

See interface test program below.

To fully test the interface;-

[1] Disconnect all leads from the Interface.

[2] Connect only the USB lead to the interface.

[3] Turn interface on – green led = ON, red and yellow led's flicker then go OFF.

If green led is not on, use another (powered) USB port on the PC.

If red and yellow led's do not flicker then drivers are not installed, not installed correctly, or there is a conflict.

[4] Run the test program;- <http://www.g4zlp.co.uk/Downloads/findzlp.ZIP>

[5] Success = "Comport [x] appears to be a ZLP cable".

Plug the CAT cable back into the 3.5mm jack socket and use the virtual comport number [x] as provided by the test program.

If your problem persists then you should first check the CAT lead for damage, then your PC for USB conflicts.