Baofeng CHIRP FDTI USB adaptor cable

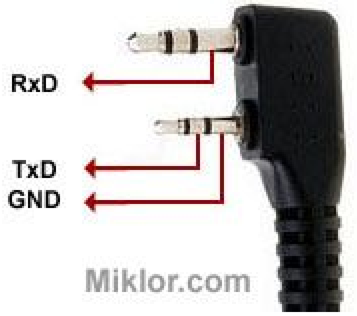
With inspriation from:
https://hamgear.wordpress.com/2015/08/21/build-your-own-programming-cable/

CHIRP site:
http://chirp.danplanet.com/projects/chirp/wiki/Home

There are many cheap USB to program Baofeng radios including one from Baofeng itself. However as of early 2017 the cheap cables that included a FDTI clone chip no longer work, CHIRP will present an error “Radio is not responding” will be presented even though it works on older Baofeng radios.

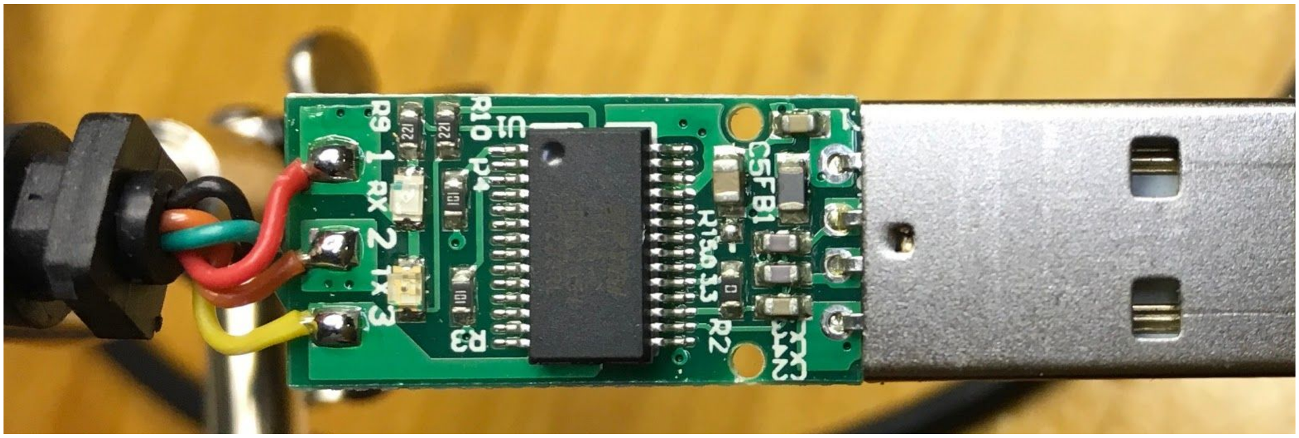
It appears that you must use a genuine but expensive FDTI chip cable.
This all sounds familiar to Arduino programmers and we have been through the same issue. If so, and you have an Arduino FDTI programming cable, then I will describe how to use the Arduino cable with Baofeng without destroying your Arduino cable.

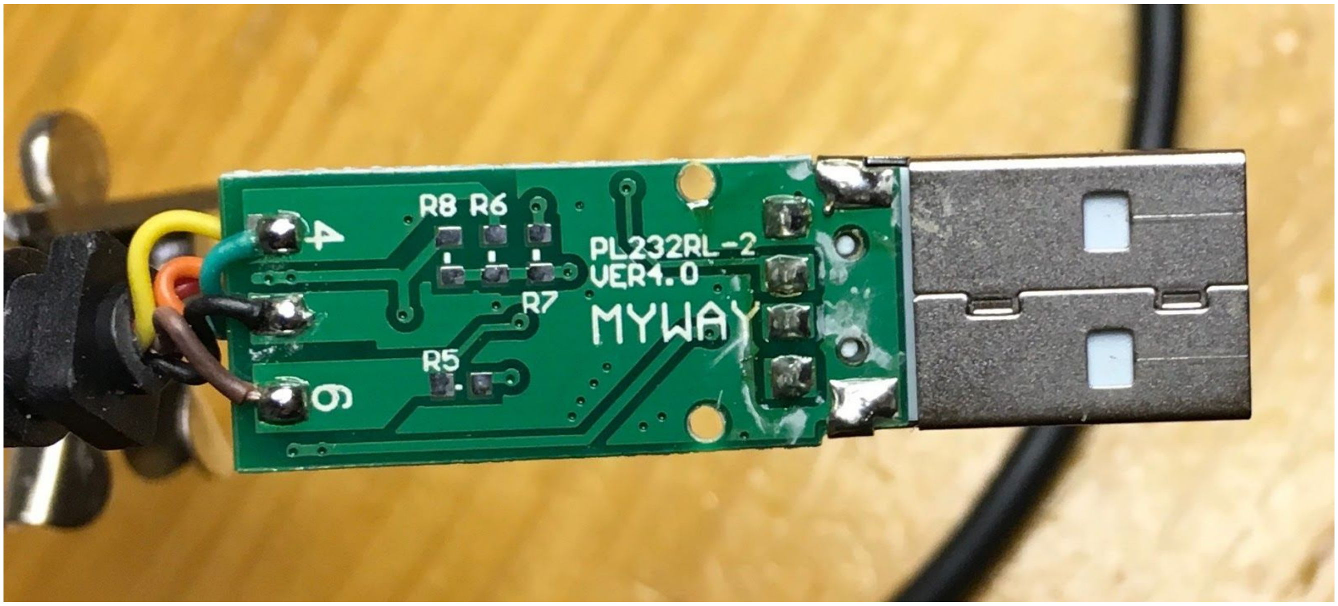
It is simply a matter of cutting the useless Baofeng cable and soldering male jumper wires to the Rx, Tx and Gnd wires. This adaptor is then connected to the Arduino cable.



The wire colors and pin placement may vary with your adaptors and the Baofeng cable. Just be sure there is continuity as shown for each of the three pins.

This is both sides of my Arduino FDTI connector. Under a magnifier be sure “FDTI” is marked on the rectangular black chip.


R9
1
RX
2
TX
3
R10
U1
R4
R3
R2
C5
FB1


4
6
R8
R6
R7
R5
PL232RL-2
VER4.0
MYWAY