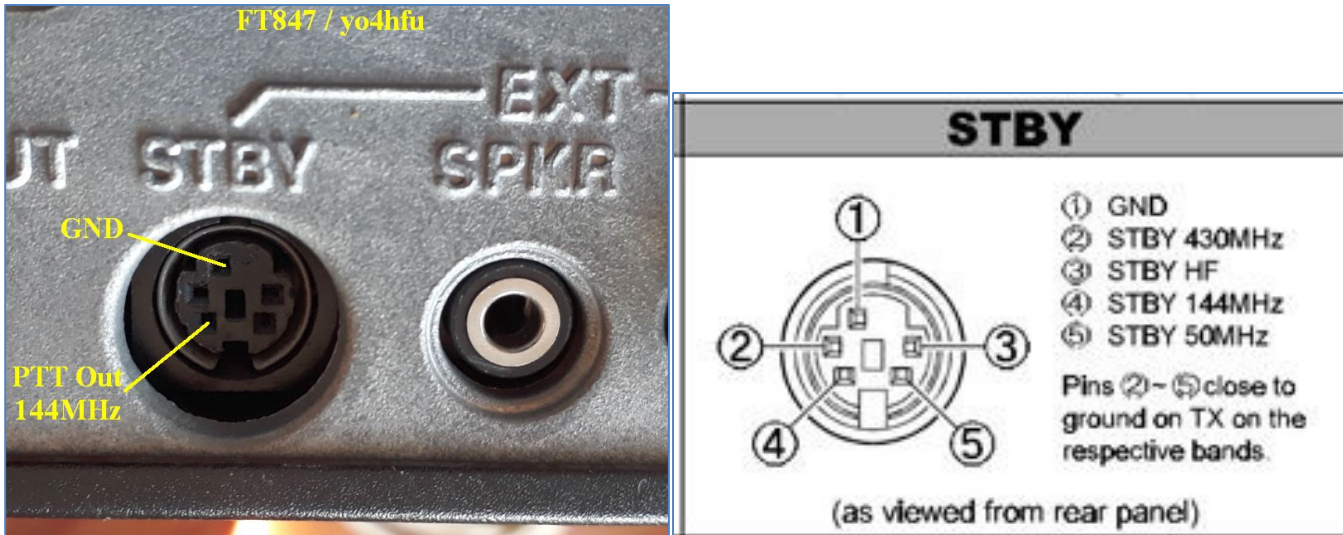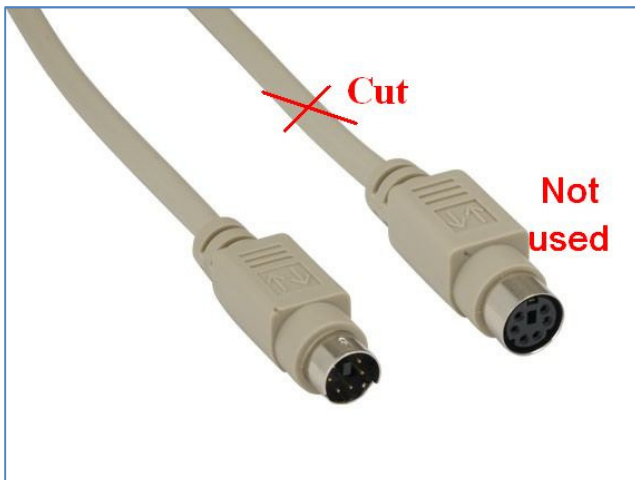# DIY FT847 CABLE FOR 144MHz QRO CONTROL
yo4hfu – 2018

Below I will explain how is possible to build a cheap "STBY" cable for FT847, cable used to control any external QRO for 144MHz. Of course, same cable can be used for HF/50MHz/432MHz, configuration according "STBY" connector pinout. STBY PTT pin is pulled down to GND when FT847 is transmitting.
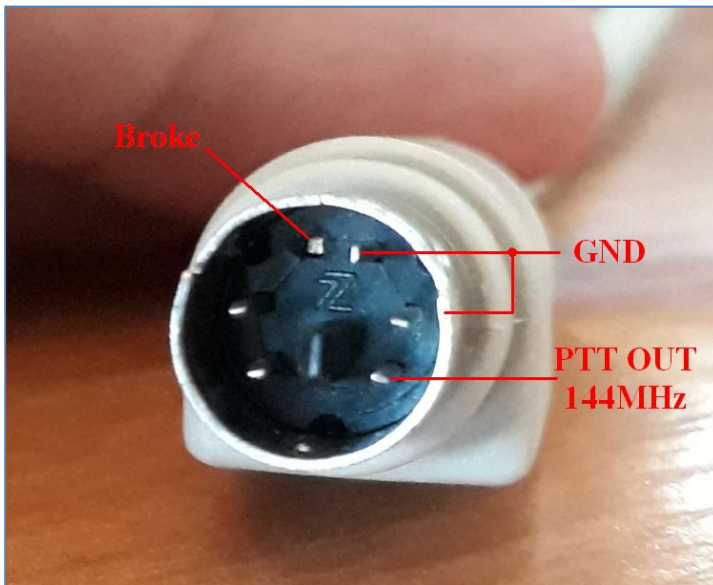

STBY connector *Mini DIN5 Male* is not used too often, but is almost same like Mini DIN6, has one more pin. Mini DIN6 was found many years between keyboard and PC, known as *PS2 connector.* I have a spare PS2 extension, so I can modify the cable for my purpose. Also you can use PS2 cable from an old keyboard.

First step is to cut *Female* connector and and throw it away. GND pin and PTT Out can be identify using the ohmmeter. My cable has blue wire for GND and red wire for PTT 144MHz, but this isn't a rule.

Use screwdriver/pliers to break the extra pin.

For better EMI immunity, connect shield wire to GND.

My QROs are using RCA connector for PTT control.

73's de Robert