

WSJT ON LEO SATELLITES

WSJT may only work with fast modes like FT4 due to doppler, but I have not done enough testing yet to confirm what modes may work. The IC-9700 has one USB connector but actually has two com ports. You can see this in devices manager on Windows when you plug the Radio into the PC USB. One is used mainly for CIV Radio control and probably the audio. The other can be allocated as a PTT function for WSJT. The main com port is normally used by the satellite tracking software either PSTRotator or SATPC32 software.

1/ Configure a new WSJT window by copying a desktop shortcut and then rename the shortcut to something like (WSJT\wsjtx\bin\wsjt.exe –rig-name=IC-9700-FT4) just for Satellite use. Open WSJT and select the radio menu and leave it as (NONE) as we don't require this software to drive the Radio CIV

2/ Select PTT Method DTR Com5, this is the other com port not used by the Satellite tracking software and may be different in you device manager.

3/ Then in the IC-9700 Menu Set Connectors USB SEND/Keying, select USB SEND, and then select, USB (B) DTR. Then in the same menu select Inhibit Timer at USB connection, and set to OFF.