

Yaesu FT-847

Pactor-III / Pactor-4 Modem Configuration Parameters

Under TOOLS/OPTIONS/CONNECTION TAB, enter the following:	
Modem type:	PTC-IIusb
COM port:	Choose Com port assigned by Windows
Baud rate:	115,200 (Default)
Reset Modem:	Check the box
Center frequency:	1500 (Default)
Set modem tones:	Check the box (Default)
Amplitudes FSK:	210*
Amplitudes PSK:	150*
USB (Upper Sideband):	Dot in the circle in front of "USB" (Default)
TxDelay (ms):	20 (Default)
Radio connection:	Direct using PTC-II control port
RS-232:	Check the box
Radio type	Yaesu 8x7
Baud Rate:	4800 (Default)

*Drive level setting can vary between modem models.

Yaesu FT-847 Radio Settings

(Refer to Yaesu Operating Manual, page 82 & 90)

1	Menu 24: Toggle between PO and ALC while adjusting drive out of mode. No ALC should show, and PO should be no more than 59 watts.
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The following fixed the issue I was having:

Mode set to Digital

Menu 20 set to CAT

Menu 38 set to User-U

Menu 59 set to CAT

Menu 85 set to Tuner

Menu 75 set to 50

Menu 37 set to 10

It would lose the connection to the modem when I started transmitting, I replaced the USB cable and added additional RF chokes and the connection started working again.

Also it appeared that RF was getting into my USB Hub, so I added more choke beads to it and the problems went away.

Thanks for your help.

Andrew