

FROM: Neil Rosenberg N1DMA
TO: Ernie Mills
Date: 08:46PM 1/3/2000

OK Ernie, I dug out the manual, here goes nuthin...

(Preamble: the 850 DOES have a true FSK input, it's a digital binary input, on and off. Obviously I don't use that for PSK.)

For audio output from the rig to the PC, I go from the speaker jack of the rig to the input of my Timewave 599ZX. The Timewave has a "line out" jack; that's what I send to the input of the sound card, since it's attenuated by the Timewave, a better match for the mic input on my PC.

For audio (mic) input into the rig from the PC, I take the speaker out from the PC sound card, to a 50K padding pot, then through a Radio Shack 1:1 isolation transformer, then into pins 3(signal) and 4(ground) on ACC 2 on the rig.

As I said earlier, I DON'T use the PTT lines [pins 9(signal) and 8(ground)] on ACCY 2, I use software commands to the rig via the serial connection. Logger(and others) know how to control my Kenwood (and yours) just fine via serial commands. The only downside of this is that the front panel mic jack is still active, and must be disconnected/grounded manually during PSIU 1 operations.

One note: the use of pin 13 (standby) on ACC2 is less desirable than pin 9 (PKS), since pin 9 also disables the front panel mic, and (I believe) 13 does not. This may also be true on your TS440.

I hope this is useful.

Neil P.S. I gave a real short talk last night to our local radio club, and will be doing a full program in May, about PC assisted digital communications. There's some significant interest out there!

From: NeilRosenbern To: Emie Mills AM
Sent: Monday, January 03, 2000 8:15