

# You Too, can work the world with 5 to 25 watts with **JT-65/HF**

By Frank K4ICT

You can pay some big bucks for some PC sound card to transceivers and still have to purchase a separate cable for the radio. The interfaces shown in this document are supplied with the RASCAL to Radio cable included.

There is lots of activity on 6 meters on JT-65 on 50.276 mhz. I have a dear friend that was a great CW buff he worked all countries plus the ones that have been removed. A great CW operator; However, he now has Parkinson's and can't control the trembling so he can't use the key or paddle anymore.

One good friend uses the USB port out of his TS-590-S without any type of device. You may have that on your radio. We are really enjoying JT-65. One local ham has worked all but 2 states in 3 weeks along with 30 + countries. Most any type interface will work.

**The RASCAL GLX Mk V shown below does JT-65 and many of the more than 100 HAM Radio Digital modes.**



The RASCAL GLX is found at: [www.BUXCOMM.com](http://www.BUXCOMM.com)

He was very depressed until he was introduced to JT-65. This is really the neat thing about the mode, you do not have to type to have a QSO, just use the mouse to navigate and click. Great stuff.

A typical QSO takes from 3 to 4 minutes, (That includes the one click logging.) Anyway my friend is now a JT Junkie like the rest of us and enjoying it very much. The 80 meter band is good for late night and early morning, I was up at 4 AM and stations were plentiful from everywhere. ZS6, KL7, VK,ZL, all kind of VE's and U S stations were on. A settled thing though, you can tell when the Gray line crosses, it's like throwing a switch. Poof and it's gone.

No problem, just jump up to 7076 kHz on 40 meters and never miss a beat. Fifteen (15) meters is another hot JT-65 band, so try them all. *The fun is just beginning.*

One of many SoundCard to Radio interfaces available for use with JT-65, and more than 100 HAM Radio digital modes.



FREE RASCAL III to Radio Cable is included. System is complete; RASCAL III, Free Cables, Free Software CD, and EZ setup instructions

The RASCAL III shown here can be found at: <http://www.packetradio.com/catalog> For more information about JT-65 and other HAM Radio Digital modes, Go To: [www.HamRadio101.net](http://www.HamRadio101.net) or [www.HamQRP.com](http://www.HamQRP.com)

Running at full output power is seldom necessary or desirable due to the incredible sensitivity of JT65. Most users find 5 to 10 watts (or less) highly effective and 25 watts is considered 'high power'.

There is a segment on almost every HAM band for the JT-65 mode. No fancy antennas needed and 5 watts is enough to cover the world, or *globe hop*. I know that you will really enjoy this great mode of communications. Just think, it will work on almost any radio, no big linear amplifier or huge array of beams. I have worked many stations with antennas in the attic or hanging from a balcony in an apartment complex.

There are more in-depth instructions in the JT-65 *Setup Handbook*, it's complete with screen images, and related photos. It's a free download link at: "*Bucks Qwik Links*" bottom of the left column at: [www.PacketRadio.com](http://www.PacketRadio.com)

I hope this document answers a few of your questions about JT-65. *Hey; I am perhaps a bit biased, because I am a JT-Junkie, too... and I love it.*

73 de Frank K4ICT.