

CW Interface Guide

First of all, thank you for purchasing a XGGCOMMS CW interface cable. Hopefully, this guide will allow you to get your PC connected to your Radio with the minimum of effort. Your Interface comes with a 30 Day No Questions Satisfaction Guarantee and full 12 Month warrantee against material failure.

Please note: Although I have never had any interface damage a Radio or associated Computer, you use this item entirely at your own risk. I will not be responsible for any damage caused to your equipment through use of this product. You should always follow the manufacturer's instructions when connecting items to your equipment.

To use this interface you will need a PC with a standard RS-232 9-pin serial port and suitable PTT Keying software. If your PC does not have an RS-232 port, the cable will work well in conjunction with USB to RS-232 converters. I do not sell these but they are readily available from Computer outlets or Ebay. The interface connects directly between the 9-Pin RS-232 port of your PC and the Key Jack of your radio.

This Interface is compatible with all Radio's that have a CW Key Jack.

You will have purchased either the CW-Cable-1 with the 3.5mm plug or the CW-Cable-2 with the 1/4" plug. Most radios are equipped with a 1/4" key jack. If you need to use the IC-Cable-1 on a radio with a 1/4" key jack, you will need to purchase a 1/4" to 3.5mm adapter.

Also note that many radios with the 1/4" Key Jack can be configured for paddle use by using a stereo jack socket with the additional "ring" contact. If you plug the 1/4" mono plug into a key jack configured for paddle use, the radio will send a stream of dots or dashes depending on the "normal" or "reverse" paddle settings in the radio configuration. You will need to set your radio configuration to accept a "straight key" in the key jack. Please refer to your radio user guide.

Software

There is plenty of suitable CW software available for download on The Net. Visit sites such as DXZone's software pages to see the latest software available. Alternatively, some of the digi-mode software have CW sending features such as MultiPSK.

<http://www.dxzone.com/catalog/Software/>

http://f6cte.free.fr/index_anglais.htm

Here is a simple guide to ensure you get your interface up and running 1st time.

Important: You will need to configure your preferred software to use the RS-232 port RTS signal as the CW keying line.

- Although I have never had a reported problem, I suggest that you turn your PC and radio off when first connecting the PC to Key jack on your radio.
- If your PC has an RS-232 port, ensure it has been turned on in the BIOS
- You may run into connection problems if you have another application running that also needs to access your serial port. Ensure these applications are closed when using this interface.
- Ensure your software of choice is set for the correct Com Port and you have enabled the RTS line to do the CW keying.
- Many modern transceivers Key Jacks operate an internal electronic keyer. You will also need to operate the transceiver PTT line with a foot switch or similar to allow your PC to operating the CW Keying line. Also, your transceivers may be configured to expect a CW Paddle as the default keying device. You will need to alter the radio configuration to enable the Key Jack to be used with a straight CW key for correct operation of this interface.

For more products, contact details or Help, please visit

www.xggcomms.com