Using a U232/HamLinkUSB/PK232USB with a Mac or Linux.

If you are using a PK232SC or AntennaSmith, the device does not need to be modified. It will work directly with Macs and Linux.

The U232/HamLinkUSB/PK232USB will hereafter be referred to as a U232.

The standard Timewave U232 uses Timewave U232 Driver for Windows. Unfortunately, this driver is unavailable for both Linux and Mac computers. It is necessary to modify the device so that the USB will then appear to be the base CP210x Silicon Labs device which DOES have Linux and Mac drivers available.

1. Use Windows XP/Vista/7 temporarily.

2. Download the matching version of the AN144SW utilities from Silicon Labs. Note that the utilities that match the Timewave U232 are available on the Timewave site at:
   http://www.timewave.com/support/U232/CP210xSetIDs_54240.zip
   Please use the matching utilities from the Timewave site.

3. Unzip the DLL and EXE. Run the utility CP210xSetIDs.exe.

4. Make sure that all the boxes are filled in. VID should say 10C4. PID should say 815F. Product String should say "Timewave U232 USB to UART Bridge" or something similar. If these do not appear, Try the alternate version of CP210xSetIDs.exe at:
   http://www.timewave.com/support/U232/CP210xSetIDs_6300.zip
   If they still do not appear, try rebooting, if they still don't appear, call Timewave.

5. Check the box next to the PID of 815F, then highlight the 815F and change it to **EA60**. Click on "Program Device".

6. The settings will disappear. They may reappear or may not reappear. Exit CP210xSetIDs.exe.

7. Reboot if the device is to be used for Windows.

8. Linux has the CP210x drivers built in.

9. Download the Mac drivers from the Timewave site: http://www.timewave.com/download.html

10. Get the latest Mac and Linux drivers from Silicon Labs: http://www.silabs.com