

Initially there is no need to change any of the internal setting of the system. Before an attempt is made to alter the parameters make sure everything is idling correctly.

Step 1. Connect the hx19ms to your USB port

The computer will respond with new hardware found drivers installed, this is a common FTDI driver and should be on most computers.

Step 2. Here you need to find out which com port has been assigned to the hx19ms. So you must find your "Device Manager", using XP you right click on My Computer and click on the hardware tab, you will see a selection option called Device Manager. In Win 7 this is slightly different you find your "Device Manager" by going through the control panel.

Once you have open Device Manager, go down to the "Ports (COM & LPT)", unplug your hx19ms, and one of the comports will disappear, plug the hx19ms back in and a the port will reappear, this is the comport that has been assigned to the hx19ms. You need to open a file in your hx19 directory called port.txt and type the number associated with the port over the existing number in the first line.

Step 3. Run a program called hx19access, it will look for port.txt and connect to the hx19ms through the port specified in the file.

Step 4. Power up your tags, by either supplying 3-4.5Vdc or installing the battery, your LED should flash as power comes on twice, and then flash every time a signal is emitted. As the LED flashes the tag should register in the hx19access display window.

Step 5. Power up your receivers, your receivers have an internal direction diode, so if you reverse polarize nothing will happen, in this case reattach the wires with the opposite polarization. When power is applied the blue LED in the receiver box should flash once, and every time it receives data from the tags it should flash in sync with the tag. Once the receiver is correctly powered and within range of both transmitter and the synchronizer, its results will register in the hx19access window as the tag LED flashes