

## Starcom Hub and Software



**Figure 2.7 Starcom Hub and Software**

The Starcom Hub comes complete with everything you need to interface the Starzone 4000 system to a Microsoft PC computer. This package includes the Starcom Hub, power adaptor, and software CD with the Starcom Building Software and the drivers required for the USB port. For more information on installing the software please refer to the communication section in our manual.

### Wiring

Communication between the Master Controllers and Starcom Hub is accomplished by an RS-485 bus. The A, B, and C terminals of the Hub are daisy chained to each of the A, B, and C terminals on each Master Control panel.

### Installing USB Drivers

1. Ensure that the USB cable is unplugged from the computer before installing the USB drivers located on our installation CD.
2. Double-click the Driver Install icon and follow the on-screen instruction.
3. Once the drivers have been successfully installed, plug the Starcom Hub into the computer. There should be a quick flicker of the send and transmit LED's indicating that the PC has recognized the Starcom Hub.
4. From the Starcom software main menu select 'SETUP' and from the sub-menu select 'STARCOM SETUP'.

5. Under the section 'Local Hub Port' a drop down box lists the available Comm. ports.
6. Select the one just installed by the USB adaptor and you should be ready to communicate with the Starzone system.
7. If the comm. port installed by the USB driver is out of range of the ports available through software, the USB driver's comm. port assignment can be changed through Windows. Select Control Panel, followed by System, then select Hardware Device Manager. In the list of hardware properties you should see the USB comm. port driver. Right click and select properties followed by the advanced button. From there you will be able to change the comm. port assignment to a channel within the range of the Starcom Software. The exact path differs between different versions of Windows. If you are unfamiliar with the your computers operating system contact Zone All Technical support for assistance.

## **LED's**

Three LED's on the Starcom Hub indicate Power, TX, and RX. The TX and RX LED's are useful for troubleshooting communication problems. The TX LED flickers when the software polls the Master controller for information. If the Master controller recognizes the data and responds you will see the RX LED flicker. Normal communication appears as successive TX and RX pulses.