

2.7 Wiring Diagram

The drawing below shows how the boards are connected together and how the external components should be connected to the main PCB. The polarity of the external power adapter may be important (only if it is a DC adapter; refer to paragraph 2.6.2). The polarity of the battery is very important. The **red** wire should go to the **leftmost** terminal (marked +) and the **black** wire should go to the **rightmost** terminal (marked -). The power switch is used to switch between the battery and the external power supply. Only three contacts of the power switch are used.

If you want to use the serial port, please use a sub-D 9-pin female connector or socket and connect it in the way described below. The TXD line should go to pin 2, RXD is connected to pin 3 and GND is connected to pin 5. To avoid damage to your PC, it is advised to connect pin 5 to the metal house of the sub-D connector.

