

O-Lynx battery charging and monitoring.

Charging

The standard O-Lynx radios contain a lightweight rechargeable battery that can usually power the units for at least 16 hours continuously. To recharge the battery, the radios should be plugged into a suitable USB charger using the USB to O-Lynx charging cables as shown.

A blue light will be on while the charging is taking place and go off when complete.

The master radios blue charging light may turn on during an event as it has been designed to charge up via the computers USB port when connected. This uses a low power charging circuit to ensure it is compatible with all USB ports.



O-Lynx radios with higher capacity batteries have also been used on adventure races. These provide the ability to run continuously for at least 48 hours.

Monitoring

The O-Lynx radios indicate their state of charge when they are tuned on. The 5 status lights initially light up one after another to indicate the unit is powered up and working. Immediately after this they will show the battery level on the 5 status lights and give a beep. 5 lights means fully charged while 1 light means nearly empty. Ideally when setting up an event you should have at least 3 or 4 lights showing.

While the radios should be able to be used over 2 or more successive days at a multiday event, it is recommended they be recharged each night if possible. Alternatively setup a roster so that some radios are charged one night and the others on the following night.



The radios battery level can also be checked remotely from the O-Lynx event software. From the main screen, open the O-Lynx Settings window by clicking on the hammer and wrench icon shown on the left edge of the screen. Choose the "Test" tab to see a screen as shown.

Press the "Check Battery Voltages" to show current battery voltages. 4 volts or higher is fully charged, while less than 3 volts should be considered low.

