



User Guides

For
The Voyager Radio System

Voyager Radio Wand

1. Carry the Radio Wand on your belt or in your pocket.
2. Continuous red flashes of data light indicates logger is in vicinity of a pulsar.
3. An extra long red flash indicates a read.
4. Do not allow the Radio Wand to become flat.
5. Flat Radio Wands must be recharged for 12 hours minimum.
6. Flat Radio Wands must have their clocks reset with XL Unloader.
7. Reading capacity 4095 readings.
8. Battery life approximately 40 hours when new from a full charge.
9. No user serviceable parts inside, box screwed shut, battery glued in.

Recharging & Battery Care

1. Recharge Radio Wand each night after a shift.
2. Make sure the plug is fully plugged into rear of wand and red light will be on.
3. Fault light comes on when flat or clock has problem.
4. RED Led on charger indicates wand is charging.
5. Recharge overnight.
6. Do not allow Radio Wand to become flat – real time clock lost.

Testing

1. Short out Radio Wand probe with a coin.
2. Fault red led flickers.
3. Data red led light flashes in vicinity of Pulsar

Fault Indication

1. Fault led shows poor read of iButton TM or battery is flat or clock is faulty
2. If no leds flash, wand is flat, try charging. If this fails wand has other problems and needs to be returned for repair.

XL Memory Unloader

Switching On

1. Switch on.
2. Alternating LED and beeping indicates internal fault.
3. Diagnose faults with “Modem Unloader” PC program,
4. Switch off when not in use.

Charging & Battery Care

1. Connect XL Memory Unloader to plug pack & switch plug pack on.
2. Leave on charge for 12 hours (from flat).
3. Battery life from new full charged battery approx 10 hours.
4. Disconnect from charge after 12 hours.
5. Only charge when necessary (to reduce battery memory effect).
6. Periodically flatten battery and recharge (to reduce memory effect).

Unloading XL Data Wands

1. Switch on XL Memory Unloader.
2. Connect Radio Wand to front panel “can”.
3. Flickering Data led indicates data transfer.
4. XL Memory Unloader beeps every 16 readings unloaded.
5. Alternating red & green led flashes indicate empty XL Data Wand.
6. Failure to unload Radio Wand indicates Radio Wand fault..

Connecting To a PC

1. Direct connect (no null modem required).
2. Use the Unloader program supplied.
3. Only delete memory when XL Memory Unloader is on charge.

For All Repair and Maintenance Inquiries

Contact Elite-ID Electronic Systems

Elite Software CD contains all manuals and information sheets. Use Internet Explorer to display “Index.html”.

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