

Care of the Archery NZ Chronotir Lights

Chronotir light sets are extremely expensive (replacement value \$7000) .
With care, they can last upwards of 4 years without giving trouble.
However, they are deceptively tricky to repair and spare parts are not
officially available.

Basic Care of the Lights.

The following care instructions are essential for avoiding well-known issues:

Lights:

- Always dry the lights in a ventilated space after use in rain.
- Take extra care when removing the lights' cover; try to only let trained people take the cover off.
- Never, under any circumstances, attempt to remove the light (LED) panel.

Water inside the lights starts to cause corrosion that is difficult to fix, and the lid is very easily broken by enthusiastic but untrained helpers. The LED connections are easily fractured when the panel is disassembled by an untrained person.

Remote:

- Always remove the batteries from the remote, especially overnight or between events.

The remote has a high power drain, and batteries very easily leak. Battery leaks can destroy the remote e.g the contacts and LCD screen, and spare remotes are not available.

Repair of the Lights.

If there is an issue with the lights and/or the remote, contact the Tournament Officials Committee and we will organise the repair.

It far, far is cheaper to courier the light sets to Auckland than purchase a new set. Please contact officials@archery.org.nz to arrange a repair and any reimbursement for freight.

Damage can and does happen, and this will not be held against the custodian if this guidance is followed and any issues are reported quickly so they can be resolved.

Removing the light panel inside the case is tricky and it is easy to permanently damage the lights. We have worked extensively with an expert technician on how to maintain and repair these lights; past, well intentioned, battery replacement and repair attempts have significantly increased costs and downtime.

January 2026 – Tournament Officials Committee