



HIGH PERFORMANCE LIGHTING EQUIPMENT

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FX2 USER INSTRUCTIONS

Your FX2 caving lamp battery is a very rugged piece of equipment and will give long service if a few, simple, guidelines are followed.

CHARGING

Your FX2 will normally have been supplied in a fully discharged condition and will require a 15 hour charge on an FX2 mains charger or any of our "Unichargers". Afterwards top-up charging with an occasional full discharge cycle is the preferred charging regime. The top-up charge should be 1 1/2 times the usage time (using the standard 2.8V 0.85A halogen bulb)

This does not need to be precise and no harm will be done to the battery by occasional moderate overcharging so it is advisable to err on the overcharging side to avoid running out of light in the cave. If the battery has not been used recently it is better to give a full 15 hr. charge to be on the safe side. This is especially true as your battery gets older. However consistent, heavy, overcharging is one of the very few ways in which it is possible to damage NiCd's.

DO NOT charge the battery below freezing without prior consultation with Speleo Technics.

PLEASE IGNORE anything you may have heard about memory effects and NiCd batteries which suggests you totally discharge the battery every time it is used. This may be excellent advice where camcorders, portable computers etc. are concerned because they have problems all of their own. The simple charging methods above will give the longest possible service life for your battery.

OBSERVE POLARITY - DO NOT SHORT-CIRCUIT

BULBS

The 2.8V 0.85A halogen main bulb will give approximately 10 hours duration but batteries and bulbs vary so carry out a simple discharge test if this is likely to be critical. The focus of the main bulb can be adjusted to your preference by screwing in or out of the bulb holder by a small amount. This is the most efficient bulb which is available for the FX2.

When used for any hazardous activity (caving etc.) not only spare bulbs but a separate backup lighting system should always be carried.

STORAGE

Short-term storage of the FX2 battery is simple. Just disconnect the cable from the battery, clean the contacts with plain water if dirty, dry and forget!. For longer term storage (months) a full charge is an advantage.

HEALTH & SAFETY INFORMATION

- **This equipment is not approved for flammable atmospheres**
- **Do not short-circuit the output contacts or charge with reversed polarity**
- **Use only accessories manufactured by Speleo Technics for use with this product**
- **Dispose of carefully. Do not cut open, puncture or incinerate**