

RECOVERY OF A EXHAUSTED MICA BATTERY

If the NiCd batteries are suffering from so called "memory effect" i.e. the battery won't charge fully due to a long time storage etc., and then it must be recovered.

In order to recover the battery, please follow these steps:

A. First discharge: Take the lamp from the charger and switch it on. Let it discharge until the lamp turns off. When the battery is almost discharged, the lamp's electronics will automatically turn the lamp off. Switch the lamp on until the battery is totally discharged.

B. First charge: Place the lamp back to the charger and let it charge at least *12 hours*. Take the lamp out of the charger and place it back immediately. This turns on the forced charging cycle. When the LED-light of the charger shows that battery is charged, pick up the lamp and place it back immediately.

C. Second discharge: After this, when the LED-light of the charger shows that the battery is charged, take the lamp out of the charger and switch it on. Switch the lamp on until the battery is totally discharged.

D. Second charge: Repeat step **B**.

E. Third discharge: Repeat step **C**.

F. Third charge: Repeat step **B**.

G. Fourth discharge: Repeat step **C**.

H. Fourth charge: Do as in step **B**. but now do not take the lamp out of the charger to prevent the forced charging cycle. Charging time as before: *12 hours*.

I. Fifth discharge: Do as in step **C**. but this time does not switch the lamp again.

J. Fifth charge: Repeat step **H**.

K. Sixth discharge: Repeat step **I**.

Continue repeating steps **H**. and **I**. until the lamp is charged and *discharged 10 times*.

If after all the lamp doesn't work no longer than *one hour* with 10 W bulb (IL-80 ATEX 5 hours) then please contact our service personnel.

The battery must always be recovered in MICA charger!

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