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Ref: D. Agier

Department: R&D

Abstract

By using the 1st series of lamp heads with the lithium battery pack option, you can observe the following symptoms: power switches off or some faults occur by flashing. It happens particularly in the following conditions:

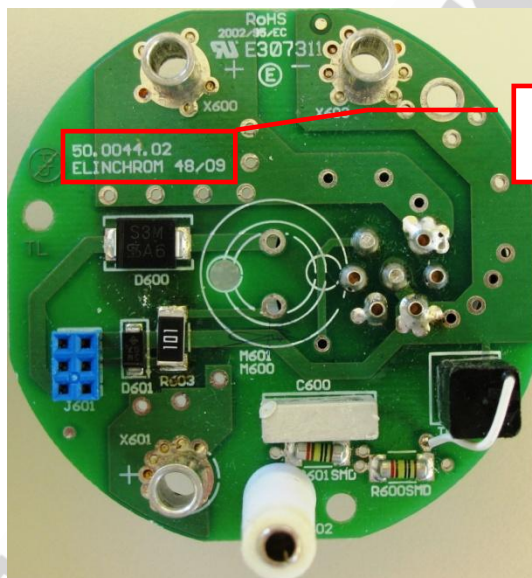
- By flashing at high power, about 5.0 to 6.0 f-stop
- by using a long lamp head cable such as connecting an extension cord

The fault can be reset simply by switching off than switching on again (eventually you need to remove the battery – switch on w/o battery – re-attach the battery and switch on)

To ensure operating without inconvenience of the 1st series of lamp heads with the lithium battery pack, you need to upgrade the head board inside the head body by following the below instructions.

How to check if the lamp head needs the upgrade and how to perform it?

1. Disconnect the lamp head from the power pack by removing the cable
2. Remove the flashtube from the body head. Have a look with a spot light (pocket lamp is well suited) through the flashtube holes to check the marking on the flashboard inside.
 - a. for S-lamps
 - i. if you see through the left hole the marking “50.0044.02” or “50.0044.03”, the lamp head is fully compatible → no upgrade, go to point 6.

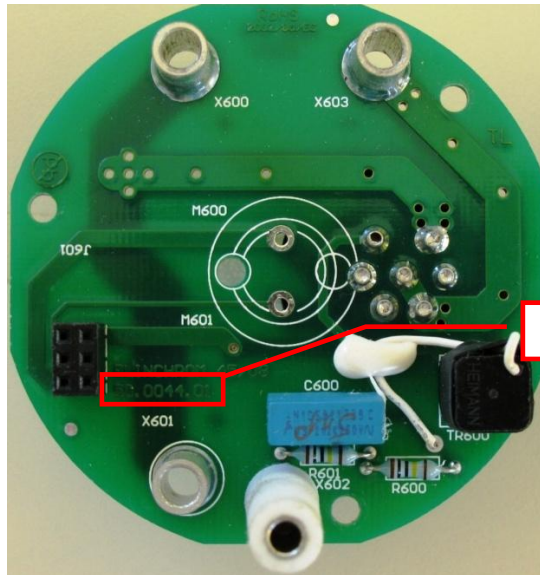


50.0044.02 compatible with Li-ion batt.
50.0044.03 compatible with Li-ion (future series)

- ii. if you do not see through the left hole any marking “50.0044.02” or “50.0044.03”, the lamp head is of 1st series → upgrade is necessary, go to point 3.

b. for A-lamps

- i. if you do not see through the bottom left hole any marking, the lamp head is fully compatible → no upgrade, go to point 6.
- ii. if you see through the bottom left hole the marking “50.0044.01”, the lamp head is of 1st series → upgrade is necessary, go to point 3.



50.0044.01 not compatible with Li-ion

3. Unscrew the 3 screws holding the inner reflector with LED and remove the reflector
4. Unscrew the 3 screws holding the board of version **01** (50.0044.**01**) in the bottom of the head body
5. Mount the board of the version **02** (50.0044.**02**) or higher by re-screwing the 3 screws (same board for S-head or A-head)
6. Re-assemble the inner reflector by tightening the 3 screws and re-plug the flashtube with the trigger contact.

Tests and checks

There are no further check to perform, all version 02 and higher are fully compatible with the lithium-ion battery.

How to get the up to date board

Please fill in the Warranty form by requesting the item **230.215** and mention as problem “Upgrade 1st heads series for Li-ion”

For any further question, please contact Elinchrom service dept. sav@elinchrom.ch