

## **Updating i4 charger user guide**

The i4 is a universal, automatic smart-charger. Its innovative design and convenience making it become popular among users. However, recently, we have got some feedback from end users and flashaholics who have tested this product. Those problems/ usage limitations have not been mentioned in our official website and user manual. To avoid the inconvenience for majority of users, we would like to specify the problems and the solutions as follows.

**Question 1**, when charging a single 10440 Li-ion or AAA rechargeable battery, it discharges large sum of current. Thus, the charger becomes very hot.

Reasons: the i4 charger cannot identify the battery capacity. So when charge one single 10440 Li-ion battery or AAA rechargeable battery, the i4 still emits about 1A current for charging, causing the battery to become hot.

Solutions:

1. Please do not use the i4 to charge one single 10440 Li-ion or one single AAA rechargeable battery.
2. When charging two 10440 Li-ion or two AAA batteries, please set them in slot 1 and 3 or slot 2 and 4.

3. There is no problem in charging four 10440 Li-ion batteries or four AAA batteries at the same time.

**Question 2**, the i4 did not work properly when charging different types of batteries (Ni-MH or Li-ion) in different slots.

Reasons: In this charger, slot 1, 3 and slot 2, 4 are in the same set of power supply. The built-in power management microprocessor may make wrong judgment when placing different types of batteries in the same set of power supply. Therefore, the output current will flow from the high voltage slot (Li-ion battery) to the low-voltage slot (Ni-MH batteries). The Li-ion battery cannot be charged until the Ni-MH battery is fully charged. This problem may damage the Li-ion battery without protection circuit because of over-discharge.

Solutions:

1. Please do not use the i4 to charge different types of batteries (Ni-MH or Li-ion) simultaneously.
2. If users must have to charge different types of batteries (Ni-MH or Li-ion), please ensure to place the same types of batteries in slot 1, 3 or slot 2, 4.

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