

# **GB Jupio All-in-One Charger JBC0070**

## **Introduction**

Jupio introduces the first All-in-One Charger which features 4 individual charger channels that can charge four different chemistry batteries at the same time!

The Jupio All-in-One Charger can charge Alkaline, Ni-Cd, Ni-Mh and Lithium batteries. The following formats are supported: 1.2V Ni-Cd/1.2V Ni-Mh/1.5V Alkaline/4.2V Lithium AA/AAA/C/D/9V/18650/26650/18500.

The All-in-One Charger has an adjustable sliding contact for variables type of cylindrical cells, (with a length from 40mm to 67mm) . The All-in-One Charger is suitable with consumer batteries as well as industrial batteries.

For your convenience we have also added 2x 2.1A USB ports to make this charger even more versatile.

## **Important safety instructions**

**Before using the All-in-One Charger, please read and follow these rules carefully**

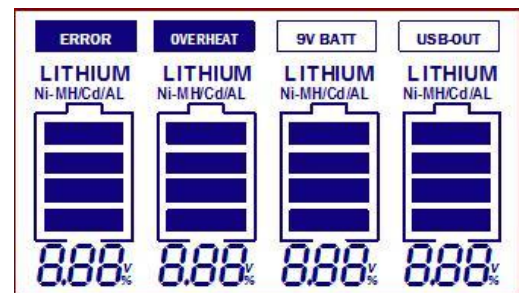
1. The All-in-One Charger should always be used in a spacious environment, high or low temperature can impact the batteries performance.
2. Don't put this product into water.
3. Don't throw, beat strongly or shake this product, otherwise it may damage the internal parts and its whole structure.
4. Don't move the All-in-One Charger close to fire or other sources of heat, in order to avoid damaging the product.
5. Don't use sharp metal objects near the All-in-One Charger's charging and discharging ports and sliders, otherwise it will cause short circuiting, which will damage the product.



## Features of the Jupio All-in-One Charger

The Jupio All-in-One Charger has the following features:

- 1: Automatic Battery detection: The All-in-One Charger automatically recognizes the chemistry of a battery.
- 2: Short-circuit protection: When the All-in-One Charger detects a wrongly inserted battery the ERROR indicator will start flashing.
- 3: Defective battery detection: When the battery voltage is too high or too low, the battery ERROR indicator will start flashing.
- 4: Slow-Fast Charging: the All-in-One Charger never immediately starts with fast charging. When the battery has low voltage left the All-in-One Charger starts slowly and then increases its power gradually. Thus to increase the battery life.
- 5: Over Voltage detection: the All-in-One Charger makes sure the battery is never overcharged.
- 6: Temperature protection: When the All-in-One Charger detects the temperature of the battery is getting too high it will automatically reduce its power to lower the temperature. The OVERHEAT sign will light between 40C and 50C for Lithium batteries and between 50C and 70C for other chemistries. When the temperature rises above the maximum temperatures the charging process will be stopped automatically.
- 7: Overcharge time protection: the maximum time allowed for fast charging is: 1 ~ 2 batteries 5Hrs, 3 batteries 7Hrs, 4 batteries 9Hrs .
8. Charging of alkaline batteries. Even though normal alkaline batteries are not rechargeable the Jupio All-in-One Charger restores these batteries by charging them with a little bit of electricity.
9. The full charging process of the All-in-One Charger will be displayed in percentages and voltage on the LCD screen.



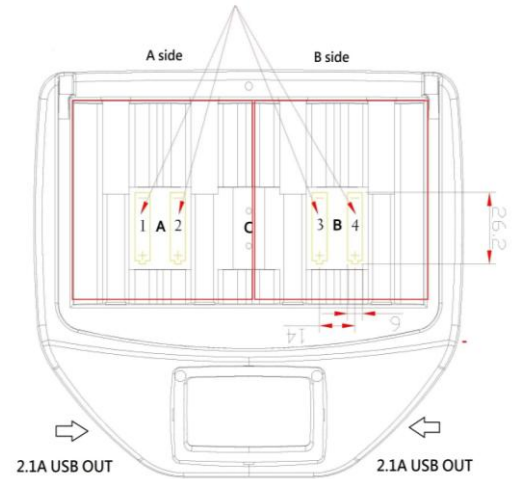
## How to use the All-in-One Charger:

You can use the All-in-One charger with these chemistries:  
Alkaline, Nickel-Cadmium, Nickel-Metalhydrid, Lithium batteries.

The following battery types can be used:  
AA/AAA/C/D/9V/18650/26650/18500

Insert the batteries in the positions of the A side or B side of All-in-One charger using the following scheme:

- 3.6 V- 4.2 V Lithium 2x 1400 mAh (A 1 or 2) and (B 3 or 4)
- 3.6 V- 4.2 V Lithium 4x 700 mAh (A 1-2) and (B 3-4)
- 1.2 V- 1.4 V Ni-Mh/Cd 2x 1000 mAh (A 1 or 2) and (B 3 or 4)
- 1.2 V- 1.4 V Ni-Mh/Cd 4x 900 mAh (A 1-2) and (B 3-4)
- 1.2 V- 1.5 V Alkaline 2x 400 mAh (A 1 or 2) and (B 3 or 4)
- 1.2 V- 1.5 V Alkaline 4x 350 mAh (A 1-2) and (B 3-4)
- 9 V Ni-Mh/Cd/Li-ion 200 mAh ( C )



## Package Contents

- All-in-One Charger - 1PCS
- 12 Volt Car Cable - 1PCS
- Manual - 1PCS
- AC Adapter - 1 PCS

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