NITECORE®
The New Benchmark in Intelligent Chargers

UGP4 User Manual

Intelligent USB charger for GoPro HERO4 batteries

Features

- Simultaneously charges two GoPro AHDBT-201/301/401 batteries and one device through USB
- Intelligently selects charging mode (CC, CV)
- Priority Mode offers either battery or USB charging based on users' preferences
- Automatically stops charging upon charging completion
- High definition LCD displays real time charging status
- Features over-charge prevention to protect batteries
- Intelligently distributes charging power
- Automatically switches between charging devices
- Features error alarms
- Rear USB plug dimple
- Constructed from ABS fire retardant materials
- Designed for optimal heat dissipation
- Certified by RoHS, CE, FCC and CEC
- Insured worldwide by Ping An Insurance (Group) Company of China, Ltd.

Specifications

Input voltage:	USB DC 5V
Output voltage:	4.2V±1%/4.35V±1%/ 5V
Input current:	≥1A
Output current:	800mA*2, USB 1500mA*1
Compatible with:	GoPro AHDBT-201/301/401
Input/output port:	USB
Dimensions:	3.30"×1.77"×1.06"(84mmx 45mmx 27mm)
Weight:	1.95oz (55.3g)

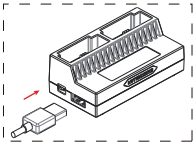
Standard Function

1. Connecting: Draw out the rear USB plug, and connect it to a power supply (USB adapter, PC, etc.). Upon connection, the UGP4's LCD will display two power level indicators and battery percentages (0%) before entering standby mode.
2. Battery Test: After battery installation, the UGP4 will run a quick battery test before charging. If a problem is detected, the UGP4 will stop charging and display "EE" on the LCD to remind the user.
3. Charging Progress: The UGP4 will indicate battery status and charging progress during charging. When batteries are fully charged, 5 power level indicator bars and "100%" will illuminate steadily on the LCD display.

Advanced Functions

USB Output

1. As illustrated, plug a USB cable to the charging port at the bottom.
2. Connect the USB cable with an external device (cell phone, tablet, etc.) that needs to be powered /recharged. (⏚) will start flashing on the LCD to indicate that the UGP4 is connected with a USB cable. When the device is fully charged, the (⏚) icon stops flashing and illuminates steadily.



Priority Mode

When both batteries and an external device are connected to UGP4 simultaneously, the UGP4 will prioritize the charging of the batteries or the device based on the user's preference.

When the side switch is set to BATTERY,

1. The UGP4 will detect input power, and charge the batteries first. The charging priority ranges from top to last is: right cradle->left cradle->USB device.
2. When the batteries are fully charged or disconnected, the UGP4 will charge the USB device automatically.

When the side switch is set to USB,

1. The UGP4 will recharge/power the USB device first. The charging priority ranges from top to last is: USB device->right cradle->left cradle.
2. When the external device is fully charged or disconnected, the UGP4 will charge the batteries automatically.

Adaptor Output Capacity Detection

1. When the adaptor's output capacity is not sufficient for battery or USB device, UGP4 terminates charging, and displays "EE" on LCD together with alarm flickers to indicate the adaptor's insufficiency.
2. When an additional device is connected, UGP4 automatically reevaluates the adaptor's output capacity. If the output capacity cannot meet the input requirement of all devices, UGP4 charges devices in customized priority order. If the adaptor's maximum output capacity cannot meet the priority device's input requirement, UGP4 displays "EE" on LCD to indicate the adaptor's insufficiency.

NOTE: A small electric current will keep passing through to the connected external device to maintain the device in its full power state.

Battery Activation

The UGP4 is capable of activating depleted protected Li-ion batteries. After battery installation, the UGP4 will test and activate the batteries before charging. Batteries detected as damaged cannot be activated by the UGP4 and "EE" will be displayed on the LCD to indicate an error.

Precautions

1. The UGP4 is restricted to charging AHDBT-201/301/401 batteries only. Never use the UGP4 with other types of batteries as this could result in battery explosion, cracking or leaking, causing property damage and/or personal injury.
3. The UGP4 should only be used indoors or inside a motor vehicle and under no circumstances should it be exposed to water, high humidity and low or high ambient temperatures.
4. Do not disassemble or modify the UGP4.
5. Children under the age of 18 should be supervised by an adult when using the UGP4.
6. The UGP4's safe operating temperature is between 0-40ºC.
7. Do not use or store the UGP4 near open flames, direct sunlight, heating devices or other high-temperature environments.

Warranty Service

All NITECORE® products enjoy a comprehensive after sales warranty service. A malfunctioning NITECORE® UGP4 charger may be exchanged for a replacement by a local authorized distributor/dealer within the first 15 days of receipt by the end user. After 15 days and up to 12 months, the UGP4 may be sent to an authorized distributor/dealer for repair. Beyond 12 months, the warranty covers labor costs and maintenance with the exclusion of accessories or replacement parts.

The warranty is nullified in any of the following situations:

1. The product(s) is/are broken down, reconstructed and/or modified under unauthorized conditions.
2. The product(s) is/are damaged through improper use.
3. The product(s) is/are damaged by leakage of batteries.

For further details of Nitecore's warranty service, please contact a regional distributor/dealer or send an email to service@nitecore.com.

Validation code and QR code on package can be verified on Nitecore website.

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Please find us on facebook: NITECORE Flashlights

CE 20150819

Worldwide Warranty Service

Model number _____ *Serial number* _____

Date of purchase _____ *Store Stamp* _____

This is the certificate of authenticity of this item and we confirm that it has been subjected to the most exacting quality controls by SYSMAX Industry Co.,Ltd.

NOTE: Please ensure this warranty card is fully completed by the distributor or retailer when purchasing the product. Should the product fail to operate correctly during the warranty period, it may be returned with the completed warranty card and original sales receipt to the retailer or local distributor for replacement or repair.