

# GP<sup>®</sup> *PowerBank* <sup>UNIVERSAL</sup>

## Instruction Manual

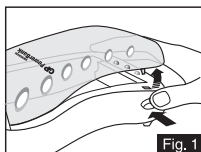


Fig. 1

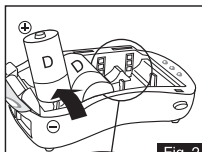


Fig. 2

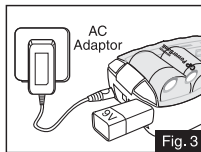
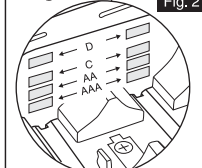


Fig. 3



## Charging Time

GP NiMH	Size	Capacity (mAh / series)	Charging Time (hrs)
	AA	2100 series ~ 2700 series (min.2000mAh) ~ (min.2600mAh)	10 - 13
	AAA	1300 series ~ 1800 series (min.1300mAh) ~ (min.1800mAh)	5 - 9
	AAA	650 series ~ 1000 series (min.650mAh) ~ (min.950mAh)	6.5 - 10.5
	D	2200mAh ~ 9000mAh (min.2200mAh) ~ (min.9000mAh)	5 - 21
	C	2200mAh ~ 3500mAh (min.2200mAh) ~ (min.3500mAh)	5 - 10
	9V	170mAh (min.170mAh)	16

## Specifications

Plug Type	Input Voltage	Output Voltage	Rated Charging Current (mA)
GS	AC 100-240V ~50/60Hz	D/C/AA/AAA - 2 x 2.8V DC 9V - 2 x 9V DC	D size 560mA
BS			C size 440mA
UL			AA size 260mA
			AAA size 120mA
			9V size 14mA

## Charger Features

- \* Corded type charger with AC adaptor
- \* Automatic charging current selection
- \* Charge 2 or 4 pieces of NiMH AA/AAA/C/D batteries and 1 to 2 pieces of 9V batteries
- \* Equipped with 2 individual charging channels for AA/AAA/C/D batteries & 1 channel for 9V batteries
- \* 3 LED indicators (2 for AA/AAA/C/D batteries, 1 for 9V batteries)
- \* Safety guaranteed

## Charging Instructions

1. Charge 2 or 4 pieces of NiMH AA/AAA/C/D batteries and 1 to 2 pieces of 9V batteries.
2. Press the charger button to open the safety cover (Fig.1).
3. Insert 2 or 4 pieces of AA/AAA/C/D batteries in the charging channel(s) under the safety cover (Fig.2), and insert 1 to 2 pieces of 9V batteries into the charging slots next to the AC adaptor slot according to the polarity indications (+/-) (Fig.3). Please follow the battery placement shown. Do not mix batteries of different sizes or capacities in the same channel (Fig.4).

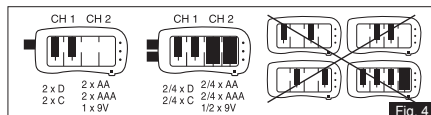


Fig. 4

4. Connect the provided adaptor to the charger and plug it into the AC power source (Fig.3).
5. The LED indicator(s) will light up in green when charging is in progress. Please refer to the charging time table to ensure the batteries are fully charged.
6. Unplug the charger from the power source and remove the batteries when they are fully charged.

**For the best performance and safety, charge only GP NiMH batteries with GP PowerBank.**

## Attention

1. For brand new batteries, 2 to 3 times of charging and usage cycles are required to optimize the batteries' performance. If batteries are stored for more than one week, always recharge them before use.
2. It is normal for batteries to become warm during charging and they will gradually cool down to room temperature after fully charged.
3. Charging time may vary based on different battery capacities. (Refer to the Charging Time Table)
4. Remove batteries from the electrical device if the device is not going to be used for a long time.
5. Battery storage temperature: -20°C to 35°C.  
Charger operation temperature: 0°C to 45°C.

## Caution

1. Charge GP Nickel Metal Hydride (NiMH) batteries only.
2. Do not charge other types of batteries such as alkaline, rechargeable alkaline or any other kind of batteries not specified as they may leak or burst, causing personal injury and damage.
3. Never use an extension cord or any attachment not recommended by GP, otherwise may lead to a risk of fire, electric shock or personal injury.
4. Unplug the charger from the outlet before attempting cleaning or when not in use.
5. Do not short circuit batteries.
6. Do not wet, incinerate or disassemble the charger and batteries.
7. Indoor and dry location use only. Do not expose the charger to rain, snow or extreme conditions.

## For charging conventional GP NiMH rechargeable batteries



1. For brand new batteries, 2 to 3 times of charging and usage cycles are required to optimize the batteries' performance.
2. If batteries are stored for more than one week, always recharge them before use.

## For charging new generation NiMH rechargeable batteries (GP ReCyko<sup>®</sup> or GP EkoPower<sup>®</sup> batteries)



1. GP ReCyko<sup>®</sup> batteries are pre-charged. No need to recharge prior to first use. Please recharge if the batteries cannot power up your devices.
2. GP ReCyko<sup>®</sup> and GP EkoPower<sup>®</sup> batteries come with good capacity retention. Remove the batteries and unplug the charger once the charging is complete. Do not leave batteries in the charger for extended periods. Always unplug the charger when it is not in use.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.