PB80_EU Manual

15 Min with Clock

VROOC

GP PowerBank

Instruction Manual

AC Adapter

Charging Time

Size	Capacity (mAh) / series	Capacity (mAh) / parallel	Charging Time (mins)
AA	2100 series (min 1900mAh)	2600 series (min 2400mAh)	15 ~ 40
AAA	850 series (min 800mAh)	950 series (min 900mAh)	17 ~ 19

Specifications

Input Voltage	Output Voltage	Charging Current (mA)			Trickle Charge Current (mA)
		1Hr	1-2 hrs	3-4 hrs	
AC100-240V	12V	1.2 pcs AA	2 pcs AA	3-4 pcs AA	160
		2 pcs AAA	3-4 pcs AAA	3-4 pcs AAA	80

LED Indications (Refer to Fig. 5)

Condition	Indication
• Adapter connected	• Power (green) LED on
• Standby switch pressed on	• Charge (battery icon and charging icon)
• GP NiMH batteries inserted in charger and charging in progress	• Charge (battery icon and charging icon) slow pulsing
• Wrong / damaged battery inserted	• Charge battery icon and red warning icon fast blinking
• Full charge or trickle charge	• Green check mark icon on
• All batteries fully charged	• Green check mark icon on

Clock Function

- LED clock is operated by the GP264 button cell.
- Remove the plastic insulation sheet to activate the clock.
- Press the "mode" button to set the "hour" and "minute" switches at the rear side of the charger.
- Clock can be replaced by opening the battery compartment cover at the rear side of the charger with a clip.
- Electrostatic discharge may cause the reset of the clock. Please reset the clock to resume operation.

Fig. 5

Charging Icon / Check Mark Icon / Warning Icon / Battery Location Dot / Battery Icon / Digital Clock / Power LED / Standby Switch / mode / set (incremental adjustment)

Fig. 5a

Battery Location Dot / Battery Icon / Digital Clock / Power LED / Standby Switch / mode / set (incremental adjustment)

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Charger Features

- Control-type charger with ACTIVE-DRO adapter
- Charges 1 to 4 AA or AAA NiMH batteries in any combinations. Each charging slot can only charge one battery (either AA or AAA).
- Intelligent charging: Each battery is charged according to the chargement plug-it into the power source. Plug-in (Fig.1). Insert GP NiMH batteries into GP CC for adapter's red plug-it into the cigarette lighter jack. DC car adapter is only included in selected models.
- Eject the battery door by pressing the door button. Insert AA or AAA NiMH batteries into the charging slots according to the polarity indications (+/-) (Fig.2).When inserting batteries into the charging slots, ensure that the batteries to ensure smooth contact with the plates. (Fig.3).
- Close the door - ensure the door is securely closed, otherwise the charging process will not commence. Charging commences as soon as the door is closed. (Fig.4).
- If the door is opened during the charging process, the charger will cease operation immediately.
- Charging and Charging Icon will pulse slowly when charging is in process.
- If alkaline, carbon zinc, lithium, rechargeable alkaline or damaged batteries are mistakenly inserted into the charging slots, the corresponding Battery Icon and the Warning Icon will flash rapidly to alert the user. Remove the batteries from the charging slots.
- When one of the Battery Location Dot flashes, the charging slots corresponding to the battery icons on the main screen, which are correlated with the icons on the silkscreen on the charger, are malfunctioning.
- The charger does not work properly, if the Standby Switch is pressed on. Switch it off. The Warning Icon and Power LED will blink. The charger will stop charging.
- Remove the batteries when the charger is in a fully charged and in trickle charge mode. The Check Mark Icon will be on when all batteries are fully charged.
- The charging is constantly turn off if the battery is fully charged and the batteries for up.
- The digital clock is powered by a specific button battery. Please refer to Fig.5 for detailed information.

For best performance and optimal safety, charge GP NiMH batteries with GP PowerBank.

Attention

- It is normal for batteries to become hot during charging and they will gradually cool down after the charging process is completed. Do not touch batteries.
- The ventilation fan will automatically turn on during charging. When the temperature is too high, the charging will be switched to the cool down mode for 5 minutes cool down the batteries.
- Even batteries for emergencies, even if the charger is subjected 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.

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