HR33417-1

Panasonic

QUICK CHARGER

Model BQ-CC55A

OPERATING INSTRUCTIONS

Rechargeable Nickel Metal Hydride Batteries

• Thank you for purchasing the Panasonic Charger, MODEL BQ-CC55A.

- **IMPORTANT SAFETY INSTRUCTIONS –SAVE THESE INSTRUCTIONS.**
- **DANGER–TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**

Parts location

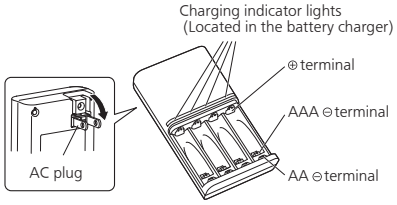


Fig. 1

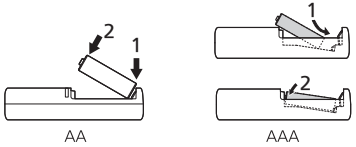
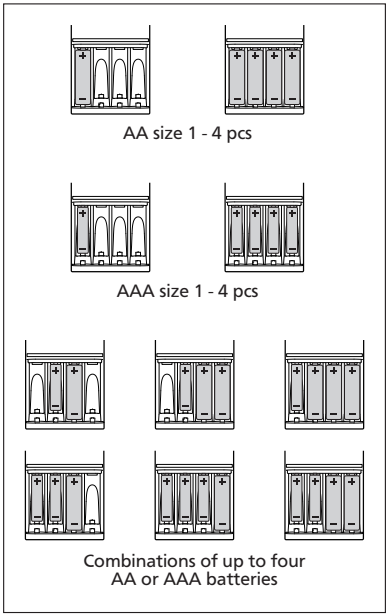


Fig. 2



SPECIFICATIONS			
Input	AC100-240 V ~ 50/60 Hz 0.3 A	**Size**	121 x 68 x 29 mm
Output	AA size DC 1.5 V - 750 mA x 4	**Weight**	117 g
	AAA size DC 1.5 V - 275 mA x 4	**Temp Range**	0°C - 35°C

Batteriy Size	**Capacity**	**Approximately Charge Time**	
		3-4 battery cells	**1-2 battery cells**
AA	2450 - 2550 mAh	4 hours	2 hours
	1900 - 2000 mAh	3 hours	1.5 hours
AAA	900 - 950 mAh	4 hours	2 hours
	750 - 800 mAh	3 hours	1.5 hours

"Charge Time" is the amount of time it takes to charge a fully discharged battery.
Actual charge time will depend on the remaining charge in the battery cell and the ambient temperature.

Table 1

ENGLISH

Please read these instructions and warnings before using this product, and save this manual for future use. In addition, be sure to read the warnings on the batteries.

CAUTION

1. To reduce the risk of injury, we recommend that Panasonic Ni-MH rechargeable batteries are used.
2. Do not use non-rechargeable batteries.
3. Do not open or disassemble the charger.
4. Do not get the charger wet or allow water or other liquids to enter the charger.
5. Only use the charger indoors, in a dry location.
6. Do not use the charger if its plug or the batteries are damaged.
7. Do not use the charger in direct sunlight.
8. For connection to a power supply located outside the U.S or Canada, use the proper plug adapter.
9. This charger is intended for use in a vertical, upright position.

Read and follow all instructions. Children should not use this charger without adult supervision.

OPERATING INSTRUCTIONS

FOR U.S.A. ONLY

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.

Warning: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This charger allows AA and AAA Ni-MH rechargeable batteries to be charged in multiple combinations; from one to four batteries at a time. (fig 3)

1) Observe the correct polarity by matching the positive (+) and negative (-) terminals on the batteries to the positive (+) and negative (-) on the charger. Insert the batteries from the negative (-) end first. (fig 2) If a AAA battery is inserted from the positive (+) end first, the negative (-) terminal on the charger may be damaged.
2) Plug the charger into a standard 100-240V AC outlet.
   * The green LED light moves from left to right for about 3 seconds before charging starts. Battery cell charge capacity is being performed during this time.
3) The charger LED lights will become solid indicating charging has begun.
   The LED lights will change color according to the charging progress.

	LED status	Remaining charge / battery status
Charging	Red LED light	20% or less
	Yellow LED light	20% to 80%
	Green LED light	80% or more
Charging complete	Off	100%
	Blinking yellow	Battery replacement recommended
Error	Blinking red	Invalid batteries (i.e., non-rechargeable) inserted

* The remaining charge indication should only be used as a rough estimate. Charging durations will vary depending on the state of the batteries and the charging environment. Therefore, be sure to charge the batteries until the LEDs are completely turned off.

If the indicator does not light or blinks:

a) Make sure that the batteries are inserted correctly and that proper contact is made with each terminal.
b) Check that the power plug is correctly inserted.
c) Check that the batteries are not damaged and are rechargeable.

4) Charging is complete when the LED turns off after lighting green. Disconnect the charger from the AC outlet, and remove the charged batteries.

MAINTENANCE, CARE AND CLEANING

- **Care and cleaning is essential.**
- **Unplug charger from AC outlet.**
- **If necessary clean with a dry cloth to remove dirt and grime.**
- **Never immerse the charger in water or in any other liquid.**

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Batteries made in Japan, charger made in China

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