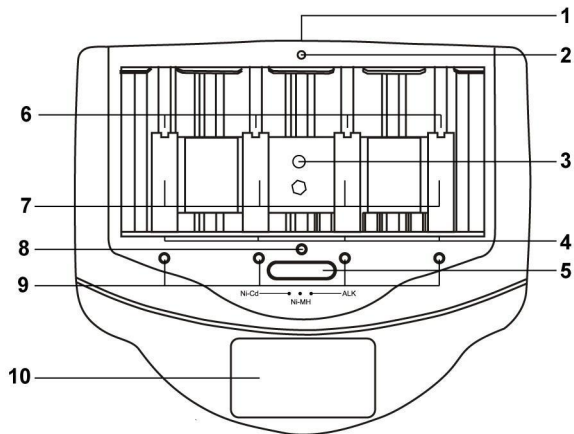


MaximalPower™

Universal Rapid Charger for AA/AAA/C/D/9V Battery



FC999 USER'S MANUAL



- | | |
|----------------------------|-----------------------|
| 1 DC SOCKET | 6 -POLE |
| 2 LED LIGHT (9V BATTERY) | 7 BATTERY CHARGER BAY |
| 3 CHARGING (9V BATTERY) | 8 POWER LIGHT |
| 4 +POLE | 9 LED INDICATORS |
| 5 BATTERY SELECTION SWITCH | 10 LCD DISPLAY |

LCD & LED Display

Battery TYPE	Function	LED Indication	LCD display word	LCD capacity Indication
Ni-Cd	Discharge	Yellow	DIS	Flashing downward
	Charging	Red	CHA	Flashing upward
	Fully charged	Green	OK	Fully charged
Ni-MH	Charging	Red	CHA	Flashing upward
	Fully charged	Green	OK	Fully charged
Alkaline	Charging	Red	CHA	Flashing upward
	Fully charged	Green	OK	Fully charged
Ni-Cd Ni-MH Alkaline	Battery voltage is very low short Battery can't recharge	Off	BAD	

~~Dear Customer,~~ Thank you for purchasing **MaximalPower™** universal battery charger. This product is an excellent choice for your needs and a versatile solution to keep your batteries fully charged, choice of high and low capacity batteries, waste

This product meets the European and USA safety requirements.

This charger has the following features:

- Easy to use
- Intelligent microprocessor controlled
- Negative delta V cut-off function
- Rechargeable batteries in all capacities 1-4 pcs size AAA ,AA ,C ,D& 1PCS 9V
- Recharges SINGLE or GROUPED batteries with microprocessor monitors each charging bay individually
- Short-circuit protection, heat sensor and reversed-polarity protection
- LED and LCD displays the status of each battery's charging cycle
- Individual maximum timer control for overcharge protection.
- Charges Ni-Cd (Nickel Cadmium), Ni-Mh(Nickel Metal Hydride), Alkaline *,
RAM(Rechargeable Alkaline Manganese)

Note on standard alkaline batteries:

The charger can charge most types of alkaline batteries. Please use the setting “ALK” on the sliding front panel of your charger. Please note due to the chemistry of standard alkaline batteries, they cannot be recharged nearly as many times as standard rechargeable type batteries like Ni-Cd or Ni-MH batteries. The charger can recharge most standard alkaline batteries 75-90% of their original capacity, up to 30+ times which is really depending on the quality and condition of the battery. Please make sure there's no dirt, rust or leakage on your standard alkaline battery and the

battery hasn't passed the expiration date before you charge them. To prevent battery leakage, please use the alkaline battery within 3 days after charging.

Please note that this charger is intended to charge rechargeable Ni-Cd, Ni-MH and RAM batteries AA, AAA, C, D and 9v block batteries. Not All Alkaline batteries can be recharged.

On an environmental note, the cost/performance comparison between standard alkaline batteries and rechargeable batteries such as Ni-Cd (Nickel Cadmium) and Ni-MH (Nickel Metal Hydride), rechargeable batteries are more cost efficient with better performance. Using rechargeable batteries can reduce the waste to our environment.

Warranty Disclaimer

- No part of the product may be modified or rebuilt and the housing must not be opened.
- Always observe the safety instructions.
- In case of any damages which are caused due to failure to observe these operating instructions, improper operation or the failure to observe the safety instructions, the guarantee will be voided. We do not assume liability for consequential damages nor for damages to property nor personal injury arising from improper use of the device.
- For safety reasons, the unauthorized conversion or opening of the device is prohibited.
- Never short-circuit the charging contacts or batteries. It is normal that batteries get warm during the charging procedure. But please unplug the charger if the battery gets too hot or there's leakage from battery. Please handle re-charged batteries with care.
- Do not leave the charger in moist or wet condition.
- Neither the device nor batteries are toys for children. Please keep them out of reach of children.

Important safety instruction

Before you use your new universal rapid charger, please pay attention to the user's manual and the safety instructions listed below.

- Never use the unit outdoors; it is designed for indoor use only.
- This charger is only suitable for the Ni-Cd (Nickel Cadmium) batteries and the Ni-MH (Nickel Metal Hydride) batteries and alkaline batteries. **This charger does NOT charge Lithium (Li-ion) battery.**
- Don't use an extension cord to connect the unit.
- Pay attention to the correct polarity during inserting the batteries.
- Use the unit only at ambient temperatures of 0-40°C.
- Always unplug the charger after each use and before cleaning.
- Protect the charger against humidity and heat.
- Never open the unit by yourself; otherwise the warranty will become invalid! Repair can be carried out only by our service branch or an authorized distributor. Improper disassemble and assemble can cause fires or electric shocks.
- Do not use damaged or corroded batteries.
- AAA batteries with a capacity of 300 mAh can never be charged for more than 0.5 hours.

- If the power cord of this unit is damaged, it must be replaced by the manufacturer, its service person or a similar qualified person, in order to avoid danger.

PRODUCT DESCRIPTION

1、 This charger can charge 4 kinds of batteries Ni-Cd, Ni-MH, RAM &Alkaline.

- Each charging bay functions independently
- Charge up to 4 batteries simultaneously.
- Note: Batteries must be the same type when charge them together (Ni-Cd, Ni-MH or alkaline)
- Accommodates both AA, AAA, C, D and 9V batteries.
Battery type is preselected, therefore only one type (Ni-Cd, Ni-MH, RAM or alkaline (Ram Setting)) battery can be charged at one time
- This charger uses the latest battery charging technology. It uses “Negative Delta V” deletion when charging Ni-Cd &Ni-MH battery first, followed by a quick charge. Once the battery is fully charged, a constant current trickle charge will keep the battery at optimum capacity.

2、 ***Discharging Ni-Cd only:***

Discharge times will very depend on capacity and charge state, typically the process could take up to one hour, before the charge cycle commences.

During the discharge process the indicator LED will glow amber

3、 ***Operation***

Please read the following instructions carefully before first use of the Charger.

- Connect the AC adaptor to the charger with the DC connector end.
- Insert the AC plug into the household power supply and make sure the power supply is normal. LED power indicator light will turn on after the charger is plugged in.
- Select the required battery type by moving the battery selector switch between Ni-Cd ,Ni-MH or ALK.

- Insert batteries into the charging bay and make sure to match the correct polarity(+ is near the LCD display)
- After approximately 2 seconds the charger will automatically detect the status of the battery.
- Once battery detection is complete, one of the following charging programs will commence.
- Ni-Cd batteries: A characteristic of a Ni-Cd battery is that it has memory which means after charging the battery repeatedly, the capacity of the battery will be significantly reduced. To improve the battery's condition, the charger will discharge the battery first (LCD linking "DIS" & energy LCD indicator flashing downward) while LED indicator is illuminated yellow. Once the discharge cycle is completed, the charger will begin the quick charge program (LCD blinking "CHA" & energy level indicator flashing upward) while the LED indicator illuminates red.

When the battery is fully charged, the LCD will show "OK" & energy level indicator showing full. The LED indicator turns green.

- Ni-MH & Alkaline batteries: Since neither Ni-MH nor Alkaline battery has memory, the charger will automatically start the quick charging program. Both LCD & LED will have the same display as for charging Ni-Cd battery.
- When charge 9V battery, the LED light on top will light up in Red color. The LED light will turn Green when 9V battery is fully charged.
- We suggest you to use the fully charged batteries within 3 days. If you forgot to remove the battery from the charger after it's fully charged, the charger will automatically trickle charge the battery keeping it at its optimum capacity. But for Alkaline battery, please remove the battery from the charger and use it within 3 days to prevent leakage.

CHARGING TIME

In order to determine the approximate charge time, the formula as below can be used as reference.

Capacity of the battery x 1.4 = charge time of the battery

Current of the charger

Battery Type	Battery size	Battery capacity	Charge time
Ni-Cd	AAA	400mAh	0.7Hours
	AA	800mAh	1.4Hours
	C	2200mAh	3.9Hours
	D	4400mAh	7.7Hours
Ni-MH	AAA	800mAh	1.4Hours
	AA	2300mAh	4Hours
	C	3300mAh	5-8Hours
	D	5000mAh	8Hours
Alkaline	AAA	1.5V	<1.4V 2.5Hours
	AA	1.5V	<1.4V 5Hours
	C	1.5V	<1.4V 6Hours
	D	1.5V	<1.4V 10Hours
9V block		200mAh	7 Hours

Warranty Information

SATISFACTION GUARANTEED

Thank you and we appreciate your recent purchase. Our products are unconditionally guaranteed during the initial 30-day home trial period. During the home trial period, if you are not completely satisfied for any reason, you may return the merchandise for exchange.

We provide a 1-year warranty from the date of purchasing. This product is protected for the first year of purchase from manufacture defects and does not include any kind of misuse or mistreatment.

If the product is found to be defective under the conditions stated above AFTER the 30-day home trial period, but within first year of purchase, please contact our customer service for return and exchange instruction. Please note we'll need charge shipping and processing fee of US\$9.95 after 30-day home trial period.

For payment refund, please return the defective unit to the retailer where you purchased the product.

Customer service:

E-mail: service@maximalpower.com

Manufactured by:

America Digital Accessories Corp

www.maximalpower.com

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