



NO MEM PRO

Model PRO32 2-3 Hour AA & AAA Nickel Metal-Hydride Charger and Batteries

**Important Safety Instructions are included.
Please read the entire manual before use.**

Owner's Manual

Thank you for purchasing the NoMEM PRO Battery System. Please read this manual carefully. It contains important operating instructions for your NoMEM PRO Rechargeable Battery System. This PRO32 charger will quickly and efficiently charge all AA or AAA Nickel Metal-Hydride (NiMH) batteries. Some of the charger's features are:

- Recharge 2 or 4 high capacity cells, up to 2300mAh, in as little as 2 hours.
- Controlled by an intelligent microprocessor to supply the optimal charge current for prolonged battery life and accelerated charging speed.
- Fast charge and "trickle charge" modes.
- Automatic selection of the proper charge current for AA and AAA batteries.
- Flexible power input allows you to use the PRO32 from home or on the road using the included 12V DC Cigarette Lighter Adapter.
- LED Indicators show charging status.
- Multiple built-in safety features.

Warranty

NoMEM PRO chargers are warranted to be free of manufacturing defects for two years from the original date of purchase. If, during the warranty period, any part fails to function properly under normal use because of manufacturing defects or workmanship, it will be repaired at no charge for parts and labor or, at our option, the product will be replaced. The following is excluded: damages from delay or loss of use of equipment, or damaged batteries, malfunctions resulting from misuse, tampering, unauthorized repairs, modifications, or accident. To obtain warranty service, package the unit and its accessories carefully using ample padding material to prevent damage in transit and ship it prepaid and insured to:

LENMAR ENTERPRISES INC. USA
4035 VIA PESCADOR
CAMARILLO, CA 93012

When sending in product for service, your package should include evidence of date and place of purchase. Enclose \$7.50 for shipping and handling for addresses in the U.S. For outside the U.S. and Canada, freight will vary depending upon ship to address.

The following statement is required in the state of California pursuant to the settlement of an action brought by the Mateel Environmental Justice Foundation against multiple electronics and appliance manufacturers:

WARNING: Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

For further information contact

Lenmar Enterprises, Inc.
Product Service Department
Phone: 805/384-9600
E-mail: sales@lenmar.com
Visit Our Web Site at: www.lenmar.com

202-676

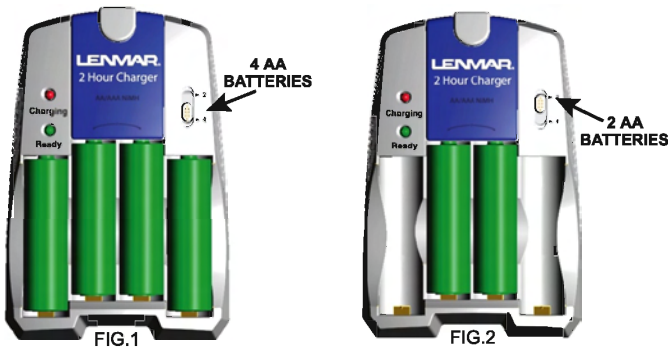
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Charging Instructions

1. Insert 2 or 4 AA or 2 AAA Ni-MH batteries into each cell location, as indicated.

a. If you want to charge 4 AA batteries, insert the 4 batteries and slide the battery selector switch to the "4" position, as shown in (figure 1).

b. If you want to charge 2 AA or AAA batteries, install the batteries in the middle two locations and slide the battery selector switch to the "2" position as shown in (figure 2).



2. Select the AC adapter or DC/Auto Cord adapter, depending on whether you are using the charger at home or in the car. Be aware that when using the DC/Auto cord, many cars do not supply power to the cigarette lighter while the key is in the off position. Plug the selected power adapter into the power source available, and plug the connector, at the end of the adapter cord, into the power input jack on the top of the charger unit. The red "Charging" indicator LED will light to show Fast charging is taking place.

3. When the "Charging" LED turns off and the green "Ready" LED comes on, the batteries are fully charged, and the charger is in "trickle charge" mode to maintain the batteries at full. You may continue to leave the batteries in the charger for several hours or even a day or two, but leaving the batteries in the charger continuously is not recommended. It is best to remove the battery as soon as it is practical after charge is complete.

Note: The LED will be off if batteries are installed in the wrong position or one or more of the batteries is defective, installed in reverse or incompatible battery types are installed.

4. After removing the batteries from the charger, disconnect the DC power connector plug. Repeat the process from Step 1 if you want to charge more batteries.

Note: This charger is not designed to be operated in environments above room temperature!

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Caution:

- Batteries are not charged as shipped. Must be charged prior to first use.
- This charger is designed for indoor use only, do not expose to moisture or rain.
- This charger is intended to charge AA/AAA Nickel-metal-hydride rechargeable batteries only. Attempting to charge any other types of batteries may cause personal injury and damage.
- Do not mix AA/AAA, or Alkaline/Ni-MH, or batteries with different capacities.
- Recharge only one size or capacity of battery at each time.
- Use only NoMEM PRO or other proper NiMH compatible charger to recharge NoMEM PRO batteries.
- Batteries may leak or explode causing personal injury if inserted improperly, disposed of in fire, mixed with other battery types, or short circuited.
- Remove the AC adaptor from AC outlet when not in use.
- Do not operate the charger if it has been subjected to shock or damage. Take it to a qualified service-center for repair. Not recommended for use by children.
- Do not disassemble the charger. No user serviceable parts inside. Improper repair attempts may result in a risk of electric shock or fire.
- Unplug the charger from outlet before attempting any maintenance or cleaning.

Specifications:

Charging Specifications Compatibility

: 2/4 AA or AAA size NiMH Cells
(2300mAh max. AA, 850mAh max. AAA)

Number of Channels

: 2 Independent Charging Channels

Charge Time

: Approx. <2 Hour (2x 2000mAh AA)
Approx. <3 Hour (4x 2000mAh AA)
Approx. <2 Hour (2x 700mAh AAA)

Charge Current (Max.)

: 2x AA Cells – 2000mA
4x AA Cells – 700mA
2x AAA Cells – 350mA

Charge Current (Trickle)

: 20-25mA constant

Charge Termination

: -DV 9mV/cell (2 cells), 18mV/cell (4 cells)
Max. V (7.2V / 4 cells, 3.6V / 2 cells)
Max. Time (240 min.)

Safety Mechanisms

: Detection and Prevention of Charging of:
•Alkaline Cells
•Mixing of AA and AAA Cells
•Wrong Polarity

Indicators

: 1 Red LED – Indicates "Charging"
1 Green LED - Indicates "Ready", Trickle Charge
•Off – Error or Faulty Cell(s)

Power Supply

: Wall Type Linear AC Adapter
Input - 120 VAC, 50-60 Hz
Output - 12VDC / 500mA,
Cord Length ~ 5 Ft. (1.8M)
or

Operating Temperature

: Car Cigarette Lighter Adapter (12V)
: 68-78°F Optimal, 100°F max.

* Specifications subject to change

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