



# VECTOR NX81



## OPERATING INSTRUCTIONS

Please keep for future reference

### SPECIFICATIONS

Input Voltage	110~240V AC
Output	4-8 Cell Ni-Cd/NiMH Charge Rate 0.5, 1, 2, 3.5 or 5 Amps Delta Peak Cut-off

[www.LOGICRC.COM](http://www.LOGICRC.COM)

Logic RC Limited, 14 Hartham Lane, Hertford, SG14 1QN, UK

## FEATURES

- Adjustable charge rates.
- Reverse Polarity Protection on Output.
- Delta Peak cut-off.

## OPERATION

- Connect the battery charge leads to the charger by clamping the bare ends of the lead into the output. Please ensure correct polarity (+ = red, - = black).
- Connect the input power lead into the socket on the back of the charger and connect the mains plug into the supply.
- Select the correct charge rate for the battery pack being charged.
- Connect the battery to be charged to the output. When connected, the Red LED will glow to indicate fast charging.
- When the battery is fully charged, the peak circuitry will terminate the fast charge and the Green LED will glow to indicate that the battery is now fully charged.

The charging time for a discharged pack can be calculated by:-

$$\text{Time (hours)} = \text{Battery Capacity (mAh)} / \text{Charge Rate (mA)} \times 1.2$$

## SAFETY PRECAUTIONS

- Do not charge packs that cannot accept fast charging at the selected rate.
- Always monitor the battery pack being charged and disconnect from the charger if the pack becomes excessively hot.
- **NEVER** leave the charger unattended whilst charging.
- **DO NOT** fast charge batteries immediately after use while they are still warm. Allow to cool to ambient temperature before charging.