



D-48 / D-114 Charger Instructions

Congratulations with your purchase of the Team Orion D-48 charger.

This powerful and compact charger has been developed to charge 4 - 8 (1-14) cells with pulse current.

The input power is 12 to 13.8 Volts. Don't use a charger for a car battery as a power supply.

The D-48 (D-114) charger features a Delta Peak cut-off and a multifunctional LCD displays which shows capacity, voltage and charging current.



Warnings



- Charge only NiCD and NiMH batteries.
- Don't expose the charger to water and humidity.
- The housing can get very hot during the charging process.
- Charge only 4 to 8 cells with the D-48 (1 to 14 with D-114)
- Do not let the charger without supervision.
- Don't short-circuit the charging cables.
- The housing must not touch the accumulator.
- Don't stand the unit on a heat-sensitive surface. The case gets hot during the charge and could damage the surface beneath.
- Check the temperature of the pack with your hand from time to time. But be careful. If the battery gets hotter than about 50 ° Celsius disconnect it immediately.
- If you use a car battery as a power supply it could produce gases. A small spark can lit the gas. So we recommend to use the charge only in a well conditioned room.



Operation

Connect the cables with the crocodile clips to a 12 V power supply.

The LED should blink now.

Connect the battery with the charger.

Push the Start button to start charging.

MODUS	EXECUTE	BIP	FUNCTION
Slow charge	Connect the battery to the charger	1	Slow charge
Fast charge	Push the Start-button once	1	Fast charge Slow charge
1 cycle	Push the Start-button twice	2	Discharge Slow charge for 2 minutes Fast charge Slow charge
Discharge	Push the Start-button three times	3	Discharge Slow charge
3 cycles	Push the Start-button four times	4	Discharge Slow charge Fast charge Repeated 3 times Slow charge
Stop	Push the Start-button once during a charging process	1	Slow charge

Warranty

The charger is warranted to work when delivered. Any damage due to misuse by the user will be repaired at the user's cost. No liability will be taken for any damage to the pack or the environment.



Specifications D-48

Input voltage: 12-13.8 volts
Charging current: 0.5 - 5.5 amperes
Number of cells: 4-8 cells
Charging modus: Pulse
Cut-off: Delta Peak

Specifications D-114

Input voltage: 12-13.8 volts
Charging current: 0.5 - 5.5 amperes (1-10 cells), 0.5 - 3.0 amperes (10-14 cells)
Number of cells: 1-14 cells
Charging modus: Pulse
Cut-off: Delta Peak