

Safety Precautions

This is a sophisticated electronic product that must be operated with caution and common sense. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision.

Horizon Hobby shall not be liable for any loss or damages, whether direct, indirect, special, incidental, or consequential, arising from the use or misuse of this product or any product required for operating it. (See warranty and limits of liability)

- Carefully read and follow the directions and warnings associated with this charger and the batteries being charged
- Never charge a battery or connect the charger to an automobile 12V system while the vehicle is running.
- Do not attach your charger to AC and DC power sources simultaneously.
- Never leave the battery and charger unattended during use.
- Always charge a battery with the charger and battery on a heat resistant surface and clear of any other items. The charging process creates heat that may damage non-heat resistant objects.
- Always allow the charger to cool between charges.
- Carefully observe correct polarities at all times.
- Keep away from liquid, flammable chemicals and moisture.
- Keep all chemicals, small parts and anything electrical out of the reach of children.

Warranty & Limits of Liability

Horizon Hobby, Inc. guarantees this product to be free from defects in both material and workmanship for a period of 5 years from the date of purchase. This warranty is limited to the original purchaser and is not transferable. It does not cover any component parts damaged by use, modification, and improper installation or serviced by an unauthorized service center. In no case shall Horizon Hobby's liability exceed the original cost of the purchased product and will not cover consequential, incidental or collateral damage. Horizon Hobby, Inc. reserves the right to inspect any and all equipment involved in a warranty claim. Repair or replacement decisions are at the sole discretion of Horizon Hobby, Inc. Further, Horizon Hobby reserves the right to change or modify this warranty without notice.

As Horizon Hobby has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

Your local hobby shop and/or place of purchase cannot provide warranty support or repair. Once assembly, setup or use of the product has been started, you must contact Horizon Hobby, Inc. directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance.

If you as the purchaser or user are not prepared to accept the liability associated with the use of this product, you are advised to return this product immediately in new and unused condition to the place of purchase.

Questions or Assistance

For questions or assistance, please direct your email to productsupport@horizonhobby.com, or call 877.504.0233 toll free to speak to a service technician.

Inspection or Repairs

If your product needs to be inspected or repaired, please call for a Return Merchandise Authorization (RMA). Pack the product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. Include your complete name, address, phone number where you can be reached during business days, RMA number, and a brief summary of the problem. Be sure your name, address, and RMA number are clearly written on the shipping carton.

Warranty Inspection and Repairs

To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date. Providing warranty conditions have been met, your product will be repaired or replaced free of charge. Repair or replacement decisions are at the sole discretion of Horizon Hobby.

Non-Warranty Repairs

Should your repair not be covered by warranty and the expense exceed 50% of the retail purchase cost, you will be provided with an estimate advising you of your options. You will be billed for any return freight for non-warranty repairs. Please advise us your preferred method of payment. Horizon Hobby accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. If you choose to pay by credit card, please include your credit card number and expiration date. Any repair left unpaid or unclaimed after 90 days will be considered abandoned and will be disposed of accordingly.

Products requiring inspection or repair should be shipped to the following address (freight prepaid):

Horizon Product Support
4105 Fieldstone Road
Champaign, Illinois 61822

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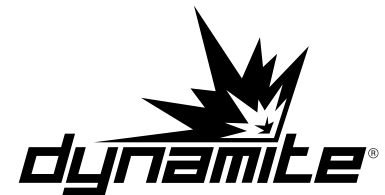
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PROPHET SPORT

AC/DC Powered Peak Detection Fast Charger for 4-8 Cell Ni-Cd & Ni-MH batteries



- AC/DC input power
- Ni-Cd and Ni-MH compatible
- Charge rates of 1, 2, or 4 amps
- Heavy duty alligator clips
- Advanced trickle charge
- LED and beeper indicate when charge is complete
- Charges 4- to 8-cell Ni-Cd or Ni-MH battery packs
- Receiver pack charge lead adapter included
- Tamiya-style connector
- Limited 1-year warranty



Introduction

Thank you for choosing the Prophet Sport AC/DC Peak Detection Charger. Charging 4-8 cell NiCd and NiMH battery packs safely and efficiently has never been so easy. Just select a charge rate of 1, 2, or 4 amps and press the start button. The charger will automatically stop fast charging when it senses that the pack is fully charged and enters a safe trickle charge mode to equalize cell voltage and maintain full charge.

Although this product is designed for ease of use it is not a toy and requires some basic mechanical ability and adult supervision. This Manual contains basic instructions for safety, operation and maintenance. It's essential to read and follow all the instructions and warnings in this manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or injury.

Features



1. 110V AC power cord
2. 12V DC power cord with alligator clips
3. Charge rates of 1, 2, or 4 amps
4. LED and beeper indicate when charge is complete
5. Tamiya-style connector

Additional Features

- Receiver pack charge lead adapter included
- Charges 4- to 8-cell Ni-Cd or Ni-MH battery packs
- Limited 1-year warranty
- Advanced trickle charge
- Advanced peak detection circuitry
- Ni-Cd and Ni-MH compatible

Supplying power to the charger

This charger can be powered by connecting it to a standard 110V wall outlet or by using the provided alligator clips to connect the charger to a 12V DC power source, such as a 12V hobby battery (HAN102), a 12 volt power supply or an automobile battery. Do not use both an AC & DC source at the same time.

If you power the charger by using DC power, connect the red (positive) end of the alligator clips to the red terminal of the DC power source and the black (negative) end of the alligator clips to the black terminal of the DC power source. If you choose to power the charger with an automobile battery, never do so with the automobile running!

Charging 6- & 8-Cell Ni-Cd or Ni-MH Battery Packs

1. When power is supplied to the charger, the charger will beep, and the LED will flash once.
2. Connect the battery pack to the charger, and the charger will beep again, The LED will repeatedly blink until you begin the charging process.

Note: For optimum performance, charge 6-8 cell packs using a DC power source. With AC power, the charger can only supply up to 2 amps of charge current.

3. Select the charge rate based on the batteries capacity rating. See "Charge Times" chart on the back page.
4. Push the **Start** button to begin the charging process. The LED will be solid red during the charging process.
5. Once the battery has peaked, the LED will flash, and the beeper will sound for 30 seconds. If the battery is left connected after 30 seconds, the LED will continue to flash, and the beeper will sound approximately every 90 seconds.

When the battery has peaked, the Prophet Plus II will automatically transition to Advanced Trickle Charge.

Charging 4- & 8-Cell Ni-Cd or Ni-MH Radio Packs

1. When power is supplied to the charger, the charger will beep, and the LED will flash once.
2. Connect the battery pack to the charger using the included RX charge adapter, and the charger will beep again, The LED will repeatedly blink until you begin the charging process.
3. Select a charge rate of either 1 or 2 amps, depending on the receiver pack you are going to charge. We recommend that you charge 600mAh or lower capacity receiver packs at 1 amp, while you may charge higher capacity packs at 2 amps.
4. Push the **Start** button to begin the charging process. The LED will be solid red during the charging process.
5. Once the battery has peaked, the LED will flash, and the beeper will sound for 30 seconds. If the battery is left connected after 30 seconds, the LED will continue to flash, and the beeper will sound approximately every 90 seconds.

When the battery has peaked, the Prophet Plus II will automatically transition to Advanced Trickle Charge.

Note: When you connect the charger to a power source, the charger will beep. The charger also beeps when a battery has been successfully connected. The LED will illuminate to indicate the battery is charging. Once the battery has peaked, the LED will flash, and the charger will beep repeatedly.

Advanced Trickle Charge

Once the batteries are fully charged, the charger will immediately enter a pulse trickle charge. This pulse trickle charge will condition the batteries, extend their life and make certain that they are fully charged when you are ready to use them. You will know that the charger has entered Advanced Trickle Charge when the charger beeps and the LED continuously flashes.

Re-Peak

Once the battery pack has peaked and is on Advanced Trickle Charge, you can re-peak the battery by simply pushing the **Start** button without disconnecting the battery from the charger. Do not re-peak the battery more than once during a charging process.

Charge Times

The following are approximate charge times necessary for a battery that is fully discharged. Please note these are estimated times only.

1 amp

600mAh TX/RX Pack: 36 minutes
700mAh TX/RX Pack: 42 minutes
1000mAh TX/RX Pack: 60 minutes

2 amp

1000mAh TX/RX Pack: 30 minutes

4 amp

1500mAh 6-Cell Sub-C Car Pack: 23 minutes
2000mAh 6-Cell Sub-C Car Pack: 30 minutes
3000mAh 6-Cell Sub-C Car Pack: 45 minutes
3300mAh 6-cell Sub-C Car Pack: 49 minutes
3800mAh 6-cell Sub-C Car Pack: 57 minutes