

Passport™ Duo 400W Dual AC/DC Touch Charger Instruction Manual | Bedienungsanleitung | Manuel d'utilisation | Manuale di Istruzioni

ENGLISH NOTICE ABLE OF CONTENTS All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, LLC. For up-to-date product literature, visit Self Test and Program Select Screens 8 - Pb Charging izonhobby.com and click on the support tab for this product ithium (Li-Po/Li-Fe/Li-Ion/Li-HV) Charging 9 - Pb Dischargir A - Lithium High Voltage MEANING OF SPECIAL LANGUAGE 10 - Setup Lithium (Li-Po/Li-Fe/Li-Ion/Li-HV) Discharging The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product: 11 - View ithium (Li-Po/Li-Fe/Li-Ion/Li-HV) Storage Charging NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury. 12 - Balanc Nickel (Ni-MH/Ni-Cd) Charging CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury. 13 - Memor 14 - USB Device Charging VARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of - Nickel Discharging superficial injury. - Nickel Cycle Charging 15 - Troublesho WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correc Can result in damage to the product, personal property and cause serious injury. GETTING STARTED This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product INCLUDED ITEMS Using an AC Power Source: 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 (2) Banana plug to EC3[™] battery connector (DYNC0066) supervision. Do not attempt disassembly, use with incompatible components or augment product in any way without the approval of Horizon Hobby, LLC. This manual 1. Ensure the charger is powered OFF. ontains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or AC power cord (one region—US, EU, AU or UK) 2. Connect the AC power cord (D) to the AC power source. use, in order to operate correctly and avoid damage or serious injury. (2) JST_XH balance adapter (DYN5032) 3. Power ON the charger with the Power Switch (A). Age Recommendation: Not for children under 14 years. This is not a toy. 4. When the charger is powered ON, a message will appear on the LCD Touch Screens (E,F). OPTIONAL ITEMS NOTICE: This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been Using a DC Power Source: DC power cord (DYNC1103) given supervision or instruction concerning use of the appliance by a person responsible for their safety Connect the DC power cord to the charger DC Power Input Port (C) Banana to Traxxas® insulated charge adapter: male (DYNC0054) Connect the DC alligator clips to the DC power source. CHARGING WARNINGS Always monitor the charging area and have a fire extinguisher available at all Charger lead with receiver connector (DYNC0033) Power ON the charger with the Power Switch (A). Banana to Deans insulated charge adapter: male (DYNC0053) 4. When the charger is powered ON, a message will appear on the LCD Touch • Always end the charging process if the battery becomes hot to the touch or Screens (E,F). LiPo Charge Protection Bag, Small (DYN1400) trical issues, excessive heat, FIRE, and ultimately injury and pro starts to change form (swell) during the charge process. LiPo Charge Protection Bag, Large (DYN1405) Always connect the charge cable to the charger first, then connect the battery Connecting the Battery to the Charger: to avoid short circuit between the charge leads. Reverse the sequence when Temperature Sensor (DYN5033) **CAUTION:** Always power ON the charger bef damage to the charger and the battery can res • NEVER LEAVE CHARGING BATTERIES UNATTENDED. disconnecting. NEVER CHARGE BATTERIES OVERNIGHT Always connect the positive red leads (+) and negative black leads (-) correctly.
SPECIFICATIONS • Never attempt to charge dead, damaged or wet battery packs. 1. With charger powered on, select charging settings. Always disconnect the battery after charging, and let the charger cool between Input Voltage | 100-240V AC; 11-18V DC • Never attempt to charge a battery pack containing different types of batteries. Connect the battery to the charger charges Charging Capability 1–6S Li-Po/Li-Ion/Li-Fe; • Never allow children under 14 years of age to charge battery packs. Start battery charging. Always charge in a well-ventilated area. 1-10C Ni-Cd/Ni-MH; 2-24V Pb Never charge batteries in extremely hot or cold places or place in direct **CAUTION:** Before charging, always ensure you have chosen the correct battery chemistry type for the battery you are charging. Always terminate all processes and contact Horizon Hobby if the product Battery Capacities 50–10000 mAh sunlight malfunctions • Never charge a battery if the cable has been pinched or shorted. MARNING: Never leave charger unattended, exceed maximum charger rate, charge with non-approved batteries or charge batteries in the work Charge Current 0.01–10.0A (in 0.1A increments/200W max per channel) • Never connect the charger if the power cable has been pinched or shorted. rate, charge with non-approved batteries or charge batteries in the mode. Failure to comply may result in excessive heat, fire and serior PROGRAMMING QUICK GUIDE Discharge Current 0.01–5A (in 0.1A increments/200W max per channel) • Never connect the charger to an automobile 12V battery while the vehicle is Press the Left and Right Arrows on the LCD Touch Screen to scroll through Operating Temperature 0°C to + 40°C the main menu screen Charging Mode Ni-Cd/Ni-MH: Peak; Li-Po/Li-Ion/Li-Fe/Pb: CC/CV Never attempt to dismantle the charger or use a damaged charger. . Press the action at the bottom of the LCD Touch Screen to enter that menu. Protection Short-circuit, over-current, reverse polarity, low input • Never attach your charger to both an AC and a DC power source at the same Press a parameter to highlight that parameter. specifications of this charger and that the charger settings are con Not doing so can result in excessive heat and other related produc voltage, over-temperature time. 4. Press the Up and Down Arrows to edit the parameter. • Never connect the input jack (DC input) to AC power. malfunctions, which can lead to user injury or property damage. Plea contact Horizon Hobby or an authorized retailer with compatibility 5. Press Select to save the parameter. • Always use only rechargeable batteries designed for use with this type of 6. If there is more than one screen of parameters, press the top right corner of the charger. LCD Touch Screen to scroll through the parameter screens. Always inspect the battery before charging 7. Press Back to return to the main menu screens. Always keep the battery away from any material that could be affected by VOLTAGE MUST BE SET TO THE CORRECT VALUE BEFORE THE CHARGER IS POWERED ON. CAUTION: Only use 4.35V capable Li-Po batteries when using the Li-HV charge mode. Charging other Li-Po batteries in this mode can lead to property dam 1 - SELF TEST AND PROGRAM SELECT SCREENS 1. Press the Left and Right Arrows on the LCD Touch Screen to scroll through the main menu screens until you reach Program Select=Li-HV WARNING When the charger is powered ON, there is a series of self tests and the screen will Battery must be 4.35 V/Cell compatible. If not property damage dunamite Program select=LiHV show the charger brand name and model number. DYNC3005 LiHU fire or serious injury USER_NAME could result. || N || BACK) AUTION: If at any time during the charge process the battery pack becomes hot or begins to puff disconnect the battery immediately and discontinue the CHG) **DCHG** STOR) ess as batteries can cause fire, collateral damage and inju 4. Press **Select** to continue to charging. 5. Follow Lithium (Li-Po/Li-Fe/Li-Ion/LI-HV) Charging, Dishcharging and Storage CAUTION: Using a charge rate that is not compatible with the battery capacity may result in damage or malfunction of the charger or battery. ress CHG insturctions 6. Press **Back** to exit warning and choose another charging method. he following **WARNING** screen appears. You must be sure you are using The Lithium charge program menus are to be used ONLY for the charging and discharging of Lithium battery packs. Charging other battery type the the text of the charger. High Voltage cells capable of being charged to 4.35 Volts. 🏼 Only Li-Po is shown in the following three sections. Li-Ion/Li-Fe/Li-HV menus differ ONLY in Cell and Pack Voltage values. 1. Connect the JST_XH balance adapter to the **Balance Circuit Adapter** 12.Press Unit to see the voltages for each cell. Press Back to return to the 1. Connect the JST_XH balance adapter to the **Balance Circuit Adapter Board** 12. Press **Unit** to see the voltages for each cell. Press **Back** to return to the Board Connector (6) discharging screen. Connector (6). charging screen. Connect the battery connector to the device connector. Connect the battery connector to the device connector. DATA LiPo-CELLS DATA LiPo-CELLS Connect the balance connector of the battery to the JST XH balance adapter 3. Connect the balance connector of the battery to the JST_XH balance adapter. Press the Left and Right Arrows on the LCD Touch Screen to scroll 4. Press the Left and Right Arrows on the LCD Touch Screen to scroll through through the main menu screens until you reach Program Select=Li-Po/Li-Ion/ the main menu screens until you reach Program Select=Li-Po/Li-Ion/Li-Fe/Li-HV. Li-Fe/Li-HV Program select=LiPo Program select=LiPo 3.80 3.80 3.80 0.00 0.00 0.00 4.08 4.07 4.06 0.00 0.00 0.00 LiPo 13. Press RES. to see the cell resistance screen. Press Back to return to the 13. Press RES. to see the cell resistance screen. Press Back to return to the LiPo // N// voltage screen. voltage screen. || N || - Resistance -- Resistance -CHG) DCHG) (STOR) (STOR) BACK CHG) (DCHG) Main:320MΩ Main:320MΩ 5. Press CHG 5. Press DCHG. 114MΩ 04MΩ LiPo CHARGE > --04MO Pack.Volt. 11.10/35 100MΩ 7> -- MO LiPo DISCHARGE Capacity 4> -- MΩ 8> -- MΩ MΩ – MO 11.1V/3S 2100mAh Pack.Volt. Current Capacity End Cell Volt 14. Press **Graph** to see the battery voltage graph. Press **Back** to return to the 14. Press Graph to see the battery voltage graph. Press Back to return to the 2.1A 3.80V Press&Hold CHARG discharging screen. End Cell Volt charging screen. SELECT BACK DISCHRG Press&Hold Data LiPo = Graph Data LiPo = Graph BACK) 🔼 💌 SELECT Press a parameter to highlight that paramete 7. Press the Up and Down Arrows to edit the parameter. 6. Press a parameter to highlight that parameter. 8. Press Select to save the parameter. 7. Press the **Up** and **Down Arrows** to edit the parameter. 9. Once the parameters are at the desired settings, press and hold CHARGE. 8.03V 000:345 8. Press Select to save the parameter. 7.91V 001:25S 10. The charger will check the battery and charger settings and charging will begin. 15. Press **STOP** at any time to stop charging. 9. Once the parameters are at the desired settings, press and hold **DISCHRG**. The charger will beep and display the following screen: 15. Press **STOP** at any time to stop discharging. 10. The charger will check the battery and charger settings and discharging will 16. When charging is complete, the charger will sound a series of beeps and LiPo CHG 000:115 display the following screen: begin. The charger will beep and display the following screen: 11mAh 4.0A display the following screen: Çapacity. Current 000:305 🖡 LiPo DCHG 001:155 NiMH DON 8.00V 392mΩ LiPo DONE Volta9e Capacity Input Vol Capacity Resistance Current. 1.4 Delta Peak 8mU/ Current Peak Temp. No sens Volta9e 11.39 nt. Teme. ĸа Volta9e 369m Resistance STOP Unit [Graph] Safety Timer 240min Resistance Peak Temp. No sens 3300mAh Capacity Lim. Peak Temp. 11. Press the arrow in the top right of the LCD Touch Screen to see the rest of STOP Unit (Graph) BACK Cycle (Graph) STOP Unit the Charging information. 11. Press the **arrow** in the top right of the **LCD Touch Screen** to see the rest of 17. Press the **arrow** in the top right of the **LCD Touch Screen** to see the rest of LiPo CHG 010:305 17. Press the **arrow** in the top right of the **LCD Touch Screen** to see the rest of Input Volt the Discharging information. the Charging information. 12.22V 12.60V End Volt. the Charging information. Int Temp -21°C LiPo DONE LiPo DONE 010:305 240min 2100mAh Safety Timer Input Volt Input Volt End Volt. 000:305₽ LiPo DONE Capacity Lim End Volt. Int Temp 12.22V 12.60V Input Volt STOP (Unit) Graph nt Temp 11.400 End Volt. Safety Timer Safety Timer 240mir Int Temp Capacity Lim 2100mAh 2100mAh Safety Timer Capacity Lim 240min 2100mAh STOP (Unit) Capacity Lim STOP Unit (Graph) STOP Unit Graph

Disconnect the battery from the charger.

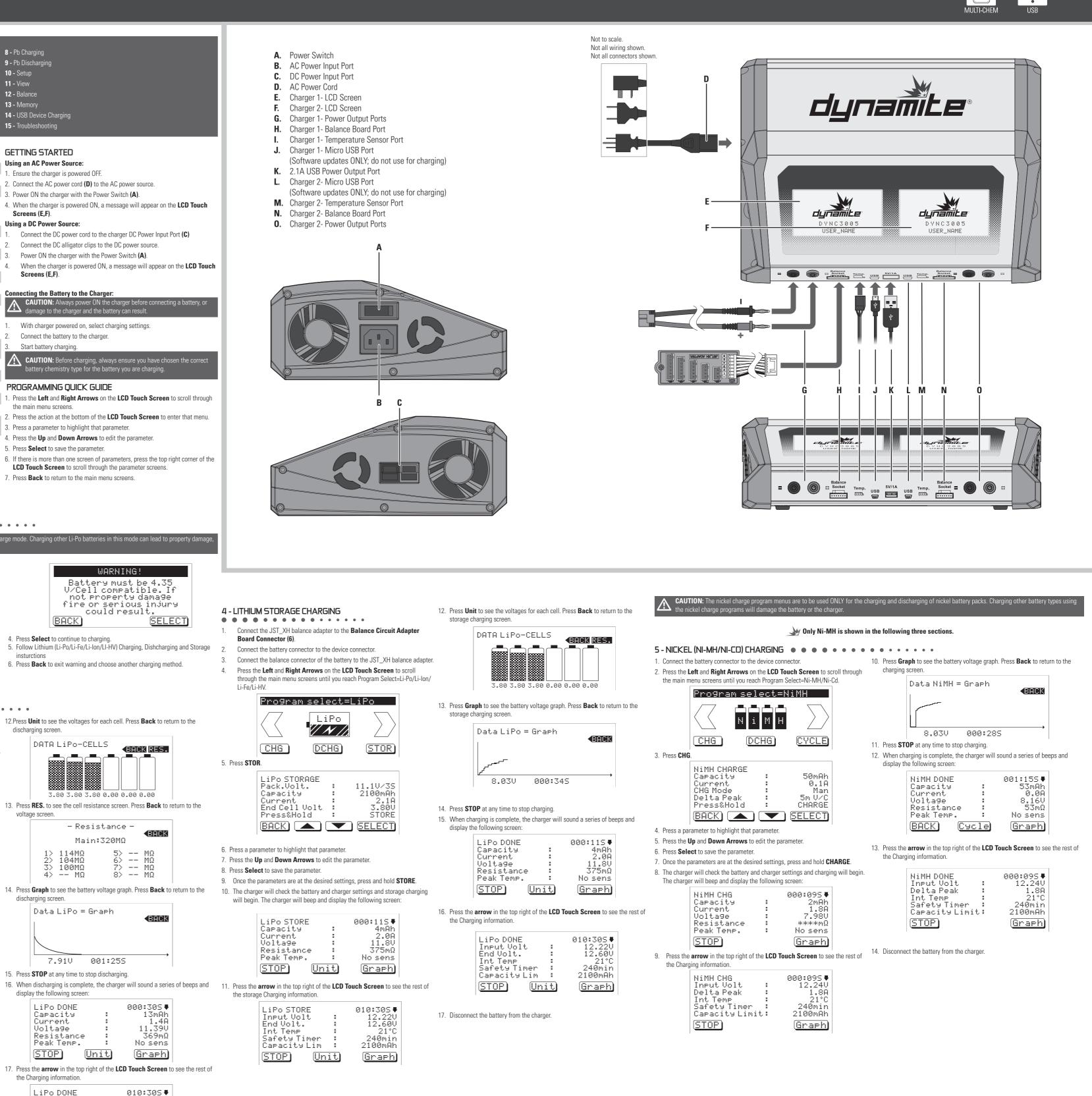
12.22V 12.60V

240min

Graph

18. Disconnect the battery from the charger

21°0



8.03V	000:285

NiMH DONE		001:155 🗣
Capacity	8	53mAh
Current	8	0.0A
Voltage	:	8.16V
Resistance	:	53mΩ
Peak Temp.	8	No sens
BACK) Cyc	le	Graph

NiMH DONE	
Input Volt	8
Delta Peak	2
Int Temp	2
Safety Timer	5
Capacity Limit	5
STOP	

00:095 ↓ 12.24V
1.8A 21°C
240min 2100mAh
Graph

13 - MEMORY • • • • • • • • • • • • • • • • NON-US LIMITED WARRANTY Inspection or Services - If this Product needs to be inspected or serviced and What this Warranty Covers - Horizon Hobby, LLC ("Horizon") warrants to the is compliant in the country you live and use the Product in, please use the Horizon 9. Press **START**. The charger will beep and display the following screen: 1 Press the Left and Right Arrows on the LCD Touch Screen to scroll through 10. Choose an empty memory profile and press it Connect the battery connector to the battery adapter cable. original purchaser that the product purchased (the "Product") will be free from Online Service Request submission process found on our website or call Horizon to the main menu screens until you reach the battery program you would like to Press the Left and Right Arrows on the LCD Touch Screen to scroll obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely 9. Press the arrow in the top right of the LCD Touch Screen to see the rest of Connect the battery connector to the device connector. USER SETUP [1/4]♥ defects in materials and workmanship at the date of purchase. Pb DCHG 000:195 through the main menu screens until you reach Program Select=Pb. save: Program Select=Li-Po/Li-Fe/Li-Ion/Ni-MH/Ni-Cd/Pb. What is Not Covered - This warranty is not transferable and does not cover (i) cosmetic using a shipping carton. Please note that original boxes may be included, but are the Discharging information. Capacity NULL 2. Press the Left and Right Arrows on the LCD Touch Screen to scroll through damage, (ii) damage due to acts of God, accident, misuse, abuse, negligence, not designed to withstand the rigors of shipping without additional protection. Ship 2. Press the action at the bottom of the LCD Touch Screen to enter that menu. NULL M02 M03 Program select=Pb Current the main menu screens until you reach Program Select=Ni-MH/Ni-Cd. 11.60 commercial use, or due to improper use, installation, operation or maintenance, (iii) via a carrier that provides tracking and insurance for lost or damaged parcels, as Voltage 000:095 3. Press a parameter to highlight that parameter. NiMH DCHG Resistance MØ4 NULI ****m(modification of or to any part of the Product, (iv) attempted service by anyone other Horizon is not responsible for merchandise until it arrives and is accepted at our Program select=NiMH End Volt 12.24 4. Press the Up and Down Arrows to edit the parameter. M05 NULL Peak Temp. No sens than a Horizon Hobby authorized service center, (v) Product not purchased from an facility. An Online Service Request is available at http://www.horizonhobby.com/ nt Temp Pb authorized Horizon dealer, or (vi) Product not compliant with applicable technical content/_service-center_render-service-center. If you do not have internet access, 5. Press Select to save the parameter Safety Timer 240min (STOP) BACK) DEL LOAD SAVE Graph Capacity Limit: 2100mAh please contact Horizon Product Support to obtain a RMA number along with 6. If there is more than one screen of parameters, press the top right corner of CHG DCHG 10. Press the arrow in the top right of the LCD Touch Screen to see the rest of OTHER THAN THE EXPRESS WARRANTY ABOVE, HORIZON MAKES NO OTHER instructions for submitting your product for service. When calling Horizon, you will 11. Press SAVE. The charging parameters you just entered will be saved in that the LCD Touch Screen to scroll through the parameter screens. WARRANTY OR REPRESENTATION, AND HEREBY DISCLAIMS ANY AND ALL be asked to provide your complete name, street address, email address and phone (STOP) Graph the discharging information memory profile 7. Once the parameters are at the desired settings, press **Back** to return to the CYCLE IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED number where you can be reached during business hours. When sending product into CHG DCHG 3. Press DCHG 11. Press Graph to see the battery voltage graph. Press Back to return to the 12. To use a memory profile, press it, then press LOAD. main menu screens WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR Horizon, please include your RMA number, a list of the included items, and a brief Discharging screen. 10. Press Graph to see the battery voltage graph. Press Back to return to the Pb DISCHARGE 13. To delete a memory profile, press it, then hold DEL. 3. Press DCHG. 8. Press the Left and Right Arrows on the LCD Touch Screen to scroll through A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE summary of the problem. A copy of your original sales receipt must be included for Pack. Volt. 20/11 14. Press the top right of the LCD Touch Screen to scroll through all 20 memory HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS warranty consideration. Be sure your name, address, and RMA number are clearly Data Pb = Graph discharging screen. the main menu screens until you reach Program Select=Memory 50mAl NiMH DISCHARGE Capacity ROCK OF THE PURCHASER'S INTENDED USE. written on the outside of the shipping carton. profiles Data NiMH = Graph Program select=Memory End Vol Purchaser's Remedy - Horizon's sole obligation and purchaser's sole and exclusive NOTICE: Do not ship LiPo batteries to Horizon. If you have any issue with a Capacity remedy shall be that Horizon will, at its option, either (i) service, or (ii) replace, any LiPo battery, please contact the appropriate Horizon Product Support office. Press&Hold DISCHRG 0.10 : Current Product determined by Horizon to be defective. Horizon reserves the right to inspect Warranty Requirements - For Warranty consideration, you must include BACK) 🔺 💌 SELECT any and all Product(s) involved in a warranty claim. Service or replacement decisions your original sales receipt verifying the proof-of-purchase date. Provided Press&Hold DISCHRG . are at the sole discretion of Horizon. Proof of purchase is required for all warranty warranty conditions have been met, your Product will be serviced or 11.54V 000:325 BACK) 🔼 🔽 SELECT) 4. Press a parameter to highlight that parameter. claims. SERVICE OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE replaced free of charge. Service or replacement decisions are at the sole 12. Press **STOP** at any time to stop discharging. MEMORY 8.39V 000:47S PURCHASER'S SOLE AND EXCLUSIVE REMEDY. discretion of Horizon 5. Press the Up and Down Arrows to edit the parameter 4. Press a parameter to highlight that paramete Limitation of Liability - HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, Non-Warranty Service - Should your service not be covered by warranty, service 13. When discharging is complete, the charger will sound a series of beeps and Press STOP at any time to stop discharging. 6. Press Select to save the parameter. 5. Press the Up and Down Arrows to edit the parameter. 9 Press MEMORY INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION will be completed and payment will be required without notification or estimate display the following screen: 12. When discharging is complete, the charger will sound a series of beeps and 7. Once the parameters are at the desired settings, press and hold **DISCHRG** OR COMMERCIAL LOSS IN ANY WAY, REGARDLESS OF WHETHER SUCH CLAIM of the expense unless the expense exceeds 50% of the retail purchase cost. By 6. Press **Select** to save the parameter. Pb DONE 000:195♥ display the following screen: IS BASED IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR submitting the item for service you are agreeing to payment of the service without 8. The charger will check the battery and charger settings and display the Once the parameters are at the desired settings, press and hold **DISCHRG** Capacity. ANY OTHER THEORY OF LIABILITY, EVEN IF HORIZON HAS BEEN ADVISED OF THE notification. Service estimates are available upon request. You must include this following screen NiMH DONE 001:155₽ urrent 8. The charger will check the battery and charger settings and discharging will begin. The POSSIBILITY OF SUCH DAMAGES. Further, in no event shall the liability of Horizon request with your item submitted for service. Non-warranty service estimates will be Volta9e 11.60V Capacity charger will beep and display the following screen: Pb DCHG Confirm exceed the individual price of the Product on which liability is asserted. As Horizon billed a minimum of ½ hour of labor. In addition you will be billed for return freight. 0.0A Resistance ****m0 Current has no control over use, setup, final assembly, modification or misuse, no liability Horizon accepts money orders and cashier's checks, as well as Visa, MasterCard, Peak Temp. No sens Voltage 8.16V 53m0 shall be assumed nor accepted for any resulting damage or injury. By the act of use, American Express, and Discover cards. By submitting any item to Horizon for service, Resistance -Connect--Check-BACK Graph 000:345 NiMH DCHG Input•••• setup or assembly, the user accepts all resulting liability. If you as the purchaser or you are agreeing to Horizon's Terms and Conditions found on our website http:// Peak Temp. No sens Set: 6P Capacity 16mAk BATT. - - - OK Read: 5P user are not prepared to accept the liability associated with the use of the Product, www.horizonhobby.com/content/_service-center_render-service-cente BACK Graph Cycle 14. Press the **arrow** in the top right of the **LCD Touch Screen** to see the rest of urrent purchaser is advised to return the Product immediately in new and unused condition ATTENTION: Horizon service is limited to Product compliant in the country Volta9e 8.431 START) the Charging information The charger has the capability to charge any USB-compatible device with the 2.1A USB Power Output Port (F). To use the charging function, simply connect a (BACK) of use and ownership. If received, a non-compliant Product will not be to the place of purchase. Resistance ****m(13. Press the arrow in the top right of the LCD Touch Screen to see the rest of 15. Disconnect the battery from the charger compatible charging device or cord into the charge port while the charger is powered ON. The charger provides up to 2.1A current at 5V DC. Law - These terms are governed by Illinois law (without regard to conflict of law serviced. Further, the sender will be responsible for arranging return Peak Temp. No sens the Charging information. principals). This warranty gives you specific legal rights, and you may also have shipment of the un-serviced Product, through a carrier of the sender's choice (STOP) Graph other rights which vary from state to state. Horizon reserves the right to change or and at the sender's expense. Horizon will hold non-compliant Product for a NiMH DONE 000:095 period of 60 days from notification, after which it will be discarded End Volt modify this warranty at any time without notice. 12.24 WARRANTY SERVICES Int Temp Safety Timer 240min Questions, Assistance, and Services - our local hobby store and/or place of purchase 2100mAh Capacity Limit: cannot provide warranty support or service. Once assembly, setup or use of the Product has been started, you must contact your local distributor or Horizon directly (STOP) This will enable Horizon to better answer your questions and service you in the (Graph) event that you may need any assistance. For questions or assistance, please visit 14. Disconnect the battery from the charger. our website at www.horizonhobby.com, submit a Product Support Inquiry at https:// horizonhobby quickbase com/db/bghi7ev8c?a=GenNewBecord or call the toll free telephone number referenced in the Warranty and Service Contact Information 10 - SETUP • • • • • • • • • • • • • • • section to speak with a Product Support representative 1. Connect the battery connector to the device connector. 11. Press **CYCLE** to see the voltage and amperage applied to each cycle. 1. Press the Left and Right Arrows on the LCD Touch Screen to scroll through 2. Press the Left and Right Arrows on the LCD Touch Screen to scroll the main menu screens until you reach Program Select=Setur Data NiMH = Cycle 1/1 Temperature | °C/°F JN through the main menu screens until you reach Program Select=Ni-MH, Program select=Setup Ni-Co Temperature Cutoff | 68–176°F (20–80°C) --CHG----DISCHG-ormation 00.00Vp 00000mA 00.00Va 00000mAh Input Power Low Voltage Cutoff 10.0V–17.5V Pro9ram select=NiMH nhobby.com/RequestForm/ Input Limited 1.0–16,5A $\sqrt{\sqrt{2}}$ @horizonhobby.com. UP 4105 Fieldstone Rd Back Down DCHG Mode CC-CV -504-0233 Champaign, Illinois, 61822 USA SETUP Balance Voltage 0.01V-0.03V 12. Press Graph to see the battery voltage graph. Press Back to return to the orizonhobby.com Balance Force -0.01-7.00V 2. Press SETUP. charging screen. CHG CYCLE DCHG)-338-4639 MH/Cd Trickle 50mA-200mA Data NiMH = Graph USER SETUP [1/4]♥ rizonhobby.co.uk Units 1-4. Ployters Rd. Staple Tve Press CYCLE. Teme (°C/°F) Harlow, Essex, CM18 7NS, United Safety Timer | 1–255 minutes 1279 641 097 60°Č Temp Cutt-Off Kingdom NiMH CYCLE [1/2]♥ Back Light | OFF-100% 10.0V Input Low Volt Capacity orizonhobby.de Christian-Junge-Straße 1 Input Limited DCHG Mode Auto Melody 1–5 CHG Curr. 25337 Elmshorn, Germany 4121 2655 100 Button Sound ON/OF BACK) norizonhobby.com DCHG End Volt 11 Rue Georges Charpak CYCLE 8.03V 000:285 Press&Hold Buzzer Sound ON/OFF 60 18 34 90 77127 Lieusaint, France Press STOP at any time to stop charging 3. Press a parameter to highlight that parameter. (SELECT) Buzzer Volume 0–100% 14. When cycle charging is complete, the charger will sound a series of beeps and 4. Press the Up and Down Arrows to edit the parameter. Username Enter your name here 4. Press a parameter to highlight that parameter display the following screen: 5. Press Select to save the parameter **C € EU Compliance Statement:** Horizon Hobby, LLC hereby declares that this product is in compliance with the essential requirements and other relevant Instructions for disposal of WEEE by users in the European Union Version 1.0 5. Press the Up and Down Arrows to edit the parameter 6. Press the top right of the LCD Touch Screen to get to the next set of Factory Reset Press and hold FCTY RST to 001:155 🖡 This product must not be disposed of with other waste. Instead, it is the user's NiMH DONE 6. Press Select to save the parameter. provisions of the EMC and LVD Directives parameters responsibility to dispose of their waste equipment by handing it over to a desig Capacity charger to default factory settings. 7. Press the top right of the LCD Touch Screen to get to the next set of nated collections point for the recycling of waste electrical and electronic equipment. The A copy of the EU Declaration of Conformity is available online at separate collection and recycling of your waste equipment at the time of disposal will help Joltage 8.16V 53mΩ parameters USER SETUR [2/4]♥ http://www.horizonhobby.com/content/support-render-compliance o conserve natural resources and ensure that it is recycled in a manner that protects hu Balance Volt Resistance Auto 8. Once the parameters are at the desired settings, press and hold CYCLI DYNAMITE 5-YEAR US LIMITED CHARGER WARRANTY INFORMATION man health and the environment. For more information about where you can drop off your Peak Temp. No sens Balance Force Auto waste equipment for recycling, please contact your local city office, your household waste 9. The charger will check the battery and charger settings and cycle charging will Horizon Hobby is so confident about the quality of our Dynamite chargers we offer a 5-year replacement plan on all of our Dynamite® Prophet[™] and Passport[™] chargers. Our Full Force MH/Cd Trickle Auto BACK (Graph) Cycle disposal service or where you purchased the product begin. The charger will beep and display the following screen: 5-year replacement plan requires proof of purchase (copy of the receipt), and we do reserve the right to deny replacement to any abusers of our plan. See below for full 240min Safety Timer details. Contact the appropriate Horizon Service Department for instructions on warranty claims. NiMH CYCLE 000:065 15. Press the arrow in the top right of the LCD Touch Screen to see the rest of SELECT BACK) 🔼 💌 Capacity the Charging information 777 Current 5-YEAR US LIMITED WARRANTY Inspection or Services - If this Product needs to be inspected or serviced and Voltage 7.97U 53mΩ [3/4] Warranty Period - Exclusive Warranty - Horizon Hobby, LLC., ("Horizon") warrants is compliant in the country you live and use the Product in, please use the Horizon USER SETUR Resistance that the included Dynamite Prophet, or Passport charger ("Product") will be free from Online Service Request submission process found on our website or call Horizon to No sens Back Light 100% Peak Temp. FCC INFORMATION 001:155-NiMH DONE defects in materials and workmanship for a period of five (5) years after the date of obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to (STOP) CYCLE) (Graph**)** (nput Volt using a shipping carton. Please note that original boxes may be included, but are provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not But.t.on Sound - OK Delta Peak purchase ("Warranty Period") What is Not Covered - This warranty is not transferable and does not cover not designed to withstand the rigors of shipping without additional protection. Ship installed and used in accordance with the instructions, may cause harmful interference to radio communications. Buzzer Sound Int Temp. 6.04 10. Press the arrow in the top right of the LCD Touch Screen to see the rest of 1003 Buzzer Vol (i) cosmetic damage, (ii) damage due to acts of God, accident, misuse, abuse, via a carrier that provides tracking and insurance for lost or damaged parcels, as 5afety Timer 240min 3300mAh the Cycle information BACK) 🔺 💌 SELECT negligence, commercial use, or due to improper use, installation, operation Horizon is not responsible for merchandise until it arrives and is accepted at our Capacity Lim. or maintenance, (iii) modification of or to any part of the Product, (iv) attempted facility. An Online Service Request is available at http://www.horizonhobby.com/ NiMH DONE 001:155♥ BACK Cycle Graph USER SETUP service by anyone other than a Horizon Hobby authorized service center. (v) Product content/ service-center render-service-center. If you do not have internet acces [4/4] Delta Peak 8mV/(60F not purchased from an authorized Horizon dealer, (vi) Product not compliant with please contact Horizon Product Support to obtain a RMA number along with Int Temp. 16. Disconnect the battery from the charger. applicable technical regulations, or (vii) use that violates any applicable laws, rules, instructions for submitting your product for service. When calling Horizon, you will 1.00 Safety Timer 240min be asked to provide your complete name, street address, email address and phone Capacity Lim. : 3300mAk OTHER THAN THE EXPRESS WARRANTY ABOVE. HORIZON MAKES NO OTHER number where you can be reached during business hours. When sending product into ВАСК Press&Hold -→ FCTY_RST Cycle (Graph) WARRANTY OR REPRESENTATION, AND HEREBY DISCLAIMS ANY AND ALL Horizon, please include your RMA number, a list of the included items, and a brief IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED summary of the problem. A copy of your original sales receipt must be included for BACK SELECT WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR warranty consideration. Be sure your name, address, and RMA number are clearly A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE written on the outside of the shipping carton. HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS Provided warranty conditions have been met, your Product will be serviced or 1) - VIEW • • • • • • • • • • • • • • • • CAUTION: The Pb charge program menus are to be used ONLY for the charging and discharging of Pb battery packs. Charging other battery types using the Pi charge programs will damage the battery or the charger. OF THE PURCHASER'S INTENDED USE. replaced free of charge. Service or replacement decisions are at the sole discretion Press the Left and Right Arrows on the LCD Touch Screen to scroll through 3. Press CELLS to view the connected lithium battery's individual cell voltage. Horizon's sole obligation and purchaser's sole and exclusive remedy shall be that of Horizon the main menu screens until you reach Program Select=View. Horizon will, at its option, either (i) service, or (ii) replace, any Product determined by NOTICE: Do not ship LiPo batteries to Horizon. If you have any issue with a DATA View-CELLS BACK RES. Horizon to be defective. Horizon reserves the right to inspect any and all Product(s) LiPo battery, please contact the appropriate Horizon Product Support office. Program select=View 9. Press **START**. The charger will beep and display the following screen: involved in a warranty claim. Service or replacement decisions are at the sole Warranty Requirements - For Warranty consideration, you must include 1. Connect the battery connector to the battery adapter cable. 2. Press the Left and Right Arrows on the LCD Touch Screen to scroll through discretion of Horizon. Proof of purchase is required for all warranty claims. SERVICE your original sales receipt verifying the proof-of-purchase date. 000:165♥ Pb CHG OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE PURCHASER'S Non-Warranty Service - Should your service not be covered by warranty, service the main menu screens until you reach Program Select=Pb. Capacity 8mAh SOLE AND EXCLUSIVE REMEDY will be completed and payment will be required without notification or estimate Program select=Pb Current Limitation of Liability - HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, of the expense unless the expense exceeds 50% of the retail purchase cost. By Volta9e 14.69V 0.00 0.00 0.00 0.00 0.00 0.00 VIEW BALANCE INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION submitting the item for service you are agreeing to payment of the service without Resistance ****mQ OR COMMERCIAL LOSS IN ANY WAY, REGARDLESS OF WHETHER SUCH CLAIM notification. Service estimates are available upon request. You must include this No sens Peak Temp. 2. Press VIEW. The screen will display the current charger status. IS BASED IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR request with your item submitted for service. Non-warranty service estimates will be (STOP) Graph ANY OTHER THEORY OF LIABILITY, EVEN IF HORIZON HAS BEEN ADVISED OF THE billed a minimum of ½ hour of labor. In addition you will be billed for return freight. DATA VIEW POSSIBILITY OF SUCH DAMAGES. Further, in no event shall the liability of Horizon Horizon accepts money orders and cashier's checks, as well as Visa, MasterCard, 10. Press the arrow in the top right of the LCD Touch Screen to see the rest of CHG (DCHG) 15.30U 0.02U Input Volt exceed the individual price of the Product on which liability is asserted. As Horizon American Express, and Discover cards. By submitting any item to Horizon for service, Output Volt the charging info. has no control over use, setup, final assembly, modification or misuse, no liability you are agreeing to Horizon's Terms and Conditions found on our website http:// 11. Press **Graph** to see the battery voltage graph. Press **Back** to return to the Int Temp. 29°0 3. Press CHG. shall be assumed nor accepted for any resulting damage or injury. By the act of use, www.horizonhobby.com/content/_service-center_render-service-center No sens Ext Temp. setup or assembly, the user accepts all resulting liability. If you as the purchaser or ATTENTION: Horizon service is limited to Product compliant in the country charging screen. ****mΩ Resistance Pb CHARGE user are not prepared to accept the liability associated with the use of the Product, of use and ownership. If received, a non-compliant Product will not be Pack. Volt. (BACK) CELLS Data Pb 🛛 = Graph purchaser is advised to return the Product immediately in new and unused condition serviced. Further, the sender will be responsible for arranging return Capacity BACK shipment of the un-serviced Product, through a carrier of the sender's choice Current 0.1A to the place of purchase. Law - These terms are governed by Illinois law (without regard to conflict of law and at the sender's expense. Horizon will hold non-compliant Product for a principals). This warranty gives you specific legal rights, and you may also have period of 60 days from notification, after which it will be discarded. Press&Hold : CHARGE 1. Press the Left and Right Arrows on the LCD Touch Screen to scroll through 5. Press STOP at any time to stop balancing. BACK) 🔺 💌 SELECT other rights which vary from state to state. Horizon reserves the right to change or the main menu screens until you reach Program Select=View. 6. When balancing is complete, the charger will beep and display the following 5-14-2015 modify this warranty at any time without notice. 14.68V 000:125 Program select=View screen WARRANTY SERVICES 4. Press a parameter to highlight that parameter. 12. Press **STOP** at any time to stop charging. Questions, Assistance, and Services - Your local hobby store and/or place of -Balancin9 Complete-BACK RES. 5. Press the Up and Down Arrows to edit the parameter. purchase cannot provide warranty support or service. Once assembly, setup or use 13. When charging is complete, the charger will sound a series of beeps and 6. Press **Select** to save the parameter. of the Product has been started, you must contact your local distributor or Horizon display the following screen: 7. Once the parameters are at the desired settings, press and hold CHARGE. directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please visit 000:195₽ 8. The charger will check the battery and charger settings and display the Ph DONE BALANCE **VIEW** our website at www.horizonhobby.com. submit a Product Support Inquiry at https:// Capacity following screen: horizonhobby.guickbase.com/db/bghi7ey8c?a=GenNewBecord, or call the toll free Current 1.7A 11.60V 2. Press BALANCE. telephone number referenced in the Warranty and Service Contact Information Pb Charge Confirm Uolt.age 3.94 3.94 0.00 0.00 0.00 0.00 ****mΩ Resistance section to speak with a Product Support representative. 3. Press the type of battery you want to balance: Li-Po/Li-Ion/Li-Fe. Peak Temp. No sens -Connect--Check-4. Press START. The charger will begin balancing the cells. BACK Input • • • • OK Set: 6 Graph BATT. - - - OK Read: 5P BATTERY 14. Disconnect the battery from the charger. START) Back

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START





	During charger operation, circuits monitor battery and charger functions. If the following messages show on the charger's LCD screen, make the recommended responses. If the message continues after you respond as recommended, contact your nearest Horizon Hobby customer service center for assistance.			
	REVERSE POLARITY	Make sure each connection polarity is correct between the power source and the charger, then between the charger and the battery.	e	
	PROCESS INTERRUPTED	Make sure the power connections are correct for charging.	ł	
	OUTPUT SHORT CIRCUIT	Make sure there are no short circuits between the poles of the battery or the battery and the charger. Replace damaged wires.	t	
	INPUT VOLTAGE ERROR	Input voltage to the charger fell below the default or adjusted input voltage setting. Make sure the power source for the charger provides correct input voltage.		
	CHARGER FAILURE	Charger electronics require repair.	١	
	BATTERY LOW VOLTAGE	Battery voltage is lower than the value setting in the charger. Adjust settings, then make sure the battery is not damaged or replace the battery.		
	BATTERY HIGH VOLTAGE	Battery voltage is higher than the value setting in the charger. Adjust settings, then make sure the battery is not damaged or replace the battery.		
	CELL LOW VOLTAGE	Cell voltage is lower than the value setting in the charger. Adjust settings, then make sure the battery is not damaged or replace the battery.		
	CELL HIGH VOLTAGE	Cell voltage is higher than the value setting in the charger. Adjust settings, then make sure the battery is not damaged or replace the battery.		
	CELL CONNECT ERROR	Make sure the balance connection is correct for charging.		
	CHARGER OVERHEATING	Charger temperature is too high. Power OFF the charger and let it cool.		
	OVER POWER	Input voltage to the charger exceeded the default or adjusted input voltage setting. Make sure the power source for the charger provides the correct input voltage.		
	MAX CURRENT	Current is higher than the value setting in the charger. Adjust settings, then make sure the battery is not damaged or replace the battery.	L	
	SAFETY TIMER	Maximum safe time limit has been reached.		
	MAX CAPACITY	Maximum capacity limit has been reached.	(
to return the	MAX EXT. TEMP	External temperature is too high. Let charger and battery cool.	ľ	



WARRANTY AND SERVICE CONTACT INFORMATION
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	Country of Purchase	Horizon Hobby	Contact I
		Horizon Service Center (Repairs and Repair Requests)	servicecenter.horizonh
		Horizon Product Support	productsupport@
	United States of America	(Product Technical Assistance)	877-5
		Sales	websales@ho
			800-3
	United Kingdom	Service/Parts/Sales: Horizon Hobby Limited	sales@horiz
			+44 (0) 12
	Germany	Horizon Technischer Service	service@hc
		Sales: Horizon Hobby GmbH	+49 (0) 41
	Franco	Service/Parts/Sales:	infofrance@h
	France	Horizon Hobby SAS	+33 (0) 1
		HUHZUH HUDDY SAS	+33 (0) 1

