

Product Information Guide

This important Product Information Guide contains safety, handling, disposal, recycling, and regulatory information, as well as a limited warranty for the Sphero® BOLT™ robot (“BOLT”) and its charging case the Sphero® BOLT™ Power Pack (“BOLT Power Pack”), including all current and future models of the BOLT Power Pack PP02 series. Read all safety information and operating instructions before using BOLT and the BOLT Power Pack to avoid injury or harm. For a downloadable version of the BOLT and BOLT Power Pack User and Product Guides, visit www.sphero.com/manuals.

IMPORTANT SAFETY AND HANDLING INFORMATION

Read the following warning before you or your child play with BOLT. Failing to do so may cause injury.

Health Considerations

CAUTION: To reduce the risk of damage or injury, do not attempt to remove the BOLT shell or internal components from BOLT Power Pack; refer all non-routine servicing questions to Sphero, Inc. (“Sphero”). No user-serviceable parts are inside the BOLT Power Pack.

General

- Read all safety and operating instructions before operating BOLT and the BOLT Power Pack.
- Retain the safety and operating instructions for future reference.
- Follow all operating and use instructions.
- Do not attempt to service BOLT or BOLT Power Pack yourself. Refer all non-routine servicing to Sphero.

Seizure, Blackouts and Eyestrain

A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, you should consult a physician before playing games or watching videos. Discontinue use of BOLT and your smart device controller and consult a physician if you experience headaches, blackouts, seizures, convulsion, eye or muscle twitching, loss of awareness, involuntary movement, or disorientation. To reduce risk of headaches, blackouts, seizures, and eyestrain, avoid prolonged use, hold your smart device controller some distance from your eyes, use BOLT in a well-lit room, and take frequent breaks.

WARNING: Choking Hazards

BOLT and BOLT Power Pack have small internal components that may present a choking hazard to small children and pets. Keep BOLT, BOLT Power Pack, and any accessories away from small children.

Keeping BOLT Power Pack Within Acceptable Temperatures

Operate and store BOLT and BOLT Power Pack in a place where the temperature is between 0° C - 40° C (32° C - 104° F). Low or high-temperature conditions might temporarily shorten battery life of BOLT or cause BOLT Power Pack to temporarily stop working. Avoid dramatic changes in temperature or humidity when using BOLT, as condensation may form on or within BOLT. When you’re using BOLT Power Pack for charging, it is normal for BOLT to get warm. Maintain clearance around the BOLT Power Pack case when in use to ensure proper airflow for temperature regulation. If the temperature limit of BOLT Power Pack is exceeded, the charging of the BOLT robots will pause and the charging status light on BOLT Power Pack will turn red.

Use and Maintenance

WARNING: BOLT is not suitable for use by children under 8 years of age. BOLT Power Pack must be operated by adults only.

Never:

- Abuse, throw, drop, puncture, violently kick, or step on BOLT or BOLT Power Pack. This can damage the robot and/or the charging system and compromise safe operation.
- Operate BOLT or BOLT Power Pack in dangerous, hazardous, or public areas where use is not permitted (high voltage power lines, train stations, airports, trains, etc.). Check whether use of BOLT is permitted before using it in public areas or public transport.
- Use the Sphero supplied charger or USB cord to charge any device other than Sphero BOLT.

Always:

- Keep BOLT in sight during operation to avoid injuries or damages to people, animals, or property. Keep a safe distance between the robot and people, animals, and property.
- Periodically examine BOLT and BOLT Power Pack and its contents for potential hazards such as cracked, damaged, or otherwise broken parts. In the event of such damage, do not use BOLT or BOLT Power Pack until it can be replaced or repaired.
- Operate BOLT Power Pack in the horizontal position to ensure proper charging of the BOLT robots.

Battery Warning

- Each BOLT contains a single cell 3.7V 1.25Ah lithium polymer rechargeable battery that is charged by use of the BOLT Power Pack. Do not attempt to charge BOLT batteries with any charger other than the BOLT charging cradle and BOLT Power Pack.
- The lithium polymer batteries in the BOLT are extremely hazardous and liable to cause serious injuries to persons or property. The user accepts liability for the use of a lithium polymer battery. As the manufacturer and the distributor cannot ensure the battery is used correctly (charging, discharging, storage, etc.), neither can be held liable for damages caused to persons or property by improperly used batteries.
- In the event of battery leakage, avoid the liquid coming into contact with skin and eyes. In case of contact with the skin, wash copiously with soap and water. In case of contact with the eyes, rinse copiously with cold water and consult a doctor. If you notice a suspicious smell or noise, or observe smoke around the charger, disconnect it immediately.
- Non-compliance with the instructions below could result in gas being given off, fire, electric shock, or an explosion.

Charging

- Examine the BOLT Power Pack regularly for damage to the cord, plug, enclosure, or other parts. Never use a damaged BOLT cradle charger or power adapter. Use only the supplied power adapter rated at 12VDC 5A for BOLT Power Pack. Misuse can cause electrical shock or cause the BOLT Power Pack to seize operation.
- Never charge a leaky battery or one that has been damaged. Do not use the BOLT Power Pack or any of the BOLT charging cradles to charge any other battery or product than BOLT. Never attempt to recharge a non-rechargeable battery.
- Do not charge near flammable materials or on a flammable surface (carpet, wooden flooring, wooden furniture, etc.) or conductive surface (metal table, metal shelf, etc.). Do not leave BOLT Power Pack unattended during charging.
- Never charge BOLT immediately after use while it is still hot. Let it cool down to room temperature before charging in the BOLT Power Pack.
- Children should be supervised to ensure that they do not play with the appliance.
- BOLT is only to be charged under adult supervision. BOLT Power Pack should only be operated by an adult.
- Do not cover BOLT Power Pack during charging as airflow to the cooling fans may be compromised. Operate BOLT Power Pack in an ambient temperature between 0°C - 40°C (32°F - 104°F).
- If BOLT Power Pack temperature exceeds its charging operation limit, the charging cycle will pause and the BOLT Power Pack status light will turn red. Keep the unit plugged in with the fans running until the status light turns green and the charging cycle automatically begins. There is no reset necessary for BOLT Power Pack after an overtemperature condition has been reached.

Use and storage

- Do not use BOLT if its shell has been broken and the battery's plastic cover has been cracked or compromised in any way.
- Do not expose the BOLT battery to excessive physical shock.
- Do not expose BOLT and its battery to heat or dispose of it in a fire.
- Do not put the battery in a microwave oven or in a pressurized container.
- Do not attempt to dismantle, pierce, distort, or cut the battery and do not attempt to repair the battery. Do not place any heavy objects on or in the BOLT Power Pack or BOLT.
- Do not clean the BOLT Power Pack with a solvent, denatured alcohol, or other inflammable solvents. When cleaning, be sure to unplug the power adapter and charger.
- Keep the BOLT Power Pack turned off and unplugged when not in use.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

End of Life Product Disposal

At the end of this product's life, do not dispose of this product in your general household waste. Instead, in order to prevent possible harm to the environment or human health from uncontrolled waste disposal, please dispose of this product separately in accordance with your local laws and regulations. For more information on the separate collection systems for waste electrical and electronic equipment that are available for consumers near your home free of charge, please contact your local municipality. You can also contact the retailer from which you purchased your BOLT as they may have recycling services or may be part of a specific recycling program.

If disposed of properly, this product will be treated in an environmentally sound manner at a licensed recycling plant and its components will be recovered, recycled or reused in the most efficient manner in compliance with the requirements of the Directive on Waste Electrical and Electronic Equipment (2012/19/EU) of 14 February, 2014 (as subsequently amended or replaced) ("2012/19/EU").

WEEE



The trash can symbol on BOLT or on its packaging indicates that it must not be disposed of with your other household waste, pursuant to 2012/19/EU. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service, or the shop where you purchased the product.

Warranty

Limited Warranty to Original Purchaser

This Sphero BOLT Power Pack product, as supplied and distributed by Sphero, Inc. or its authorized distributor or reseller, and delivered new, in the original carton to the original purchaser, is warranted by Sphero, Inc. against manufacturing defects in materials and workmanship for a period of 1 year, or such longer period as applicable local law requires. If purchased directly from Sphero, Sphero will repair or replace this product, at our option and at no charge, with new or reconditioned parts, if found to be defective during the limited warranty period specified above. If purchased from an authorized Sphero distributor or reseller, such authorized party will replace this product, at no charge, with new or reconditioned parts, if found to be defective during the limited warranty period specified above.

Software License

Use of BOLT is subject to the BOLT Software License Agreement found at: sphero.com.

Exclusions and Limitations

This warranty covers the normal and intended use of BOLT Power Pack and included BOLT robots. It applies only to the hardware products "BOLT" and "BOLT Power Pack" manufactured by or for Sphero that can be identified by the "Sphero" trademark, trade name or logo affixed to it. The Limited Warranty does not apply to any non-Sphero hardware product or any software, even if packaged or sold with the BOLT Power Pack hardware product. Refer to the terms of use for BOLT for details of your rights with respect to the use of applications on your BOLT.

Sphero does not warrant that the operation of BOLT or BOLT Power Pack will be uninterrupted or error-free. Sphero is not responsible for damage arising from failure to follow instructions relating to BOLT Power Pack's use. This warranty does not apply to:

- a) Consumable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship;
- b) Damage caused by use with non-Sphero products;
- c) Damage caused by accidents, misuse, abuse, neglect, misapplication, fire, water, lightning, or other acts of nature; incorrect electrical line voltage, fluctuations or surges; damage caused by improper installation; product alteration or modification; improper or unauthorized repair; exterior finish or cosmetic damage;
- d) Damage caused by operating BOLT or BOLT Power Pack outside the intended uses described by Sphero; or
- e) Defects caused by normal wear and tear or otherwise due to the normal aging of the BOLT or BOLT Power Pack product.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS, SHALL APPLY AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTEE GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SPHERO. EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, SPHERO IS NOT RESPONSIBLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, LOSS OF OPPORTUNITY, LOSS OF GOODWILL, LOSS OF REPUTATION, LOSS OF, DAMAGE TO, COMPROMISE, OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT, OR ANY BREACH OF ANY WARRANTY OR CONDITION REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, EVEN IF SPHERO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST SPHERO BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF BOLT POWER PACK. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT SOLD BY SPHERO NOT CAUSED DIRECTLY BY THE GROSS NEGLIGENCE OF SPHERO. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE, AND STATES YOUR EXCLUSIVE REMEDY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Governing Law and Arbitration

This Limited Warranty shall be governed by the laws of the State of Colorado without giving effect to any conflict of laws principles that may provide the application of the law of another jurisdiction. Any claim or dispute in connection with this Limited Warranty shall be resolved in a cost-effective manner through binding non-appearance-based arbitration. The arbitration shall be initiated through an established alternative dispute resolution provider mutually agreed upon by the parties. The alternative dispute resolution provider and the parties must comply with the following rules:

- a) The arbitration shall be conducted by telephone, online, and/or be solely based on written submissions. The specific manner shall be chosen by the party initiating the arbitration;
- b) The arbitration shall not involve any personal appearance by the parties or witnesses unless otherwise mutually agreed by the parties; and
- c) Any judgment on the award rendered by the arbitrator may be entered in any court of competent jurisdiction.

If the foregoing arbitration clause does not apply for any reason, you agree to submit to the personal jurisdiction of the state courts located within Boulder County, Colorado and the federal courts in Denver, Colorado for the purpose of litigating all such claims or disputes, which courts shall have exclusive jurisdiction of such claims or disputes. Notwithstanding the foregoing, Sphero may seek injunctive or other equitable relief to protect its intellectual property rights in any court of competent jurisdiction.

Changes to this Product Information Guide

The explanations and specifications in this guide are given for information only and may be modified at any time without prior notice. The latest version of this guide will be available from our website at www.sphero.com/manuals. The explanations and specifications contained in this guide are correct at the time of printing. Sphero reserves the right to amend or improve the product design or user guide without any restrictions and without any obligation to notify users.

As part of our ongoing effort to upgrade and improve our products, the product that you have purchased may therefore differ slightly from the model described in this guide.

Regulatory**IMPORTANT!**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Technical Specification:

Transmit Frequency: BOLT Power Pack- Wireless Charging (125kHz)

Maximum RF Output Power of BOLT Power Pack: 42.53 dBuA/m

FCC/ Industry Canada

FCC ID: SXO-PP02 / IC: 10016A-PP02 (Model: PP02; BOLT Power Pack)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme à la partie 15 des règles de la FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) ce dispositif ne doit pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de la dispositif.

IMPORTANT! Changes or modifications not expressly approved by Sphero could void the user's authority to operate the equipment.

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 provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAN ICES-3 (B)/NMB-3(B)

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements établies pour un environnement non contrôlé. L'antenne utilisée pour ce transmetteur doit être installée de manière à fournir une séparation d'au moins 20 cm de toute personne, et ne doit pas être co-placé ou fonctionner en conjonction avec une autre antenne ou un autre transmetteur.

Bluetooth Smart

The Bluetooth® Smart word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sphero Inc. is under license.

Apple

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Android

“Android™, Google Play™, and the Google Play logo are trademarks of Google Inc.”

Software

Your BOLT product can connect with special Sphero copyrighted software to control its operation. Parts of this software may contain copyrighted elements that are licensed under the GPL, MIT, and Creative Common licenses among others. Additionally, your BOLT product contains proprietary firmware developed and copyrighted by Sphero. On our web site, free source code of sample software is available for developers; please visit sphero.com for more information.

Copyright

Copyright © 2018 Sphero, Inc. All Rights Reserved.

The total or even partial reproduction, transmission or storage of this guide in any form or by any process whatsoever (electronic, mechanical, photocopy, recording, or otherwise) is strictly prohibited without prior consent from Sphero.

Registered Trademarks

The Sphero® mark and the Sphero logo are registered trademarks of Sphero. All other trademarks mentioned in this guide are the property of their respective owners.

EC Declaration of Conformity

Hereby, Sphero declares that BOLT Power Pack model PP02 complies with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU.

The EC Declaration of Conformity can be found at the link below.

<https://support.sphero.com/support/solutions/articles/9000091303-declarations-of-conformity>



BOLT Power Pack
USER MANUAL



Sphero

4772 Walnut St. Suite 206
Boulder, Colorado 80301, USA

sphero.com

Model No. PP02

