

**RB-Orb-01**  
**Sphero Bluetooth Robotic Ball**



**Product Description:**

- Sphero is like nothing you've seen before. It's the first robotic ball gaming device that you control with a tilt, touch, or swing from your smartphone or tablet. You can even use Sphero as a controller for on-screen gameplay. Sphero delivers a unique mixed-reality experience with single and multi-player apps that let you engage in the virtual world and play in the real one. It's the ball evolved.

**Key Benefits:**

- **New Ways To Play:** Play in the real world, control it from your smartphone, or play in the virtual world using Sphero as a controller. Your experience changes with every new app you download.
- **Apps for Everyone:** Challenge yourself with Drive, Golf, Chromo, and more. With single or multi-player apps, Sphero will always surprise you.

**Key Features**

- **Works With Your Smartphone:** iPhone, iPad, iPod touch, and Android compatible.
- **You'll Tire Before Sphero Does:** Over an hour of full throttle play with cable-free induction charging.
- **Any Color You Can Dream:** Change Sphero's color to suit your mood, play in the dark, or create a team color.
- **Setup Once, Play Whenever:** Sphero's Bluetooth connection makes him ready to play as fast as you can launch an app.

**Press:**

- Acclaimed by Popular Science, Forbes, Wall Street Journal and MSNBC and featured as one of the year's hottest gadgets by Engadget, TechCrunch, Wired, Gizmodo and Make magazine, Sphero offers a new type of gameplay for the smartphone generation.

**Purchase Includes:**

- Sphero robotic ball
- Inductive charging base
- Quick Start card
- User manual
- Apps available through the iTunes App Store or Google Play – several are free

### Made For:

- Requires iOS 4.0 or greater
  - iPod touch (3<sup>rd</sup> and 4<sup>th</sup> generation)
  - iPhone 4 and iPhone 3GS
  - iPad 2 and iPad
- Android devices with operating system
  - 2.2+
  - Also compatible with most Android devices that meet the following requirements:
    - Features: Bluetooth and touchscreen
    - Version: 2.2+
    - Screen sizes: 320x480, 480x800, 480x854, 540x960
- Please Note
  - Smartphone not included or required but highly recommended. Bluetooth enabled Mac or PC will allow for basic Sphero functionality.
- Ages 13+

### For The Geeks:

- Bluetooth controlled robotic ball – 50 foot plus range
- Multi-colored LED capable of producing thousands of colors
- Reach speeds of up to 3 feet per second with precise control
- Internal guidance system including gyro, accelerometer and compass
- Mobile SDK available for iOS and Android developers

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### ADDITIONAL INFO IF NEEDED

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### Apps Currently Available:

#### **Sphero: Your hub for all things Sphero.**

Familiarize yourself with Sphero's personality, give Sphero commands, and gain access to basic Sphero driving functions. See where you stand on leaderboards and achievements. Even discover new apps as they roll in.

#### **Drive: The driving app built just for Sphero.**

Drive Sphero with joystick, tilt, or old-school remote controls. Create challenging courses, race against friends and family, or turn out the lights for a little night racing.

#### **Chromo: Match the color. Beat the clock.**

Get ready to challenge your coordination and your memory with the first app that lets you use Sphero as a controller. Move Sphero to match the colors on your screen for an entirely new way to challenge yourself. You can choose from six different game modes.

#### **MacroLab: Unleash Sphero's inner robot.**

Create easy, repeatable programs and macros for Sphero. Arrange simple commands and settings in any combination you choose to let Sphero drive autonomously, follow unique patterns, and more, all while learning basic programming. Play your commands, save favorites, and even share them with friends. MacroLab makes programming Sphero easy and fun.

#### **Golf: A totally new swing on golf.**

Sphero is the ball and your phone is the club. Create a “hole” then swing your phone or swipe a finger to hit. Challenge friends to a round of office golf, create your own course at home, or venture out and make your own course practically anywhere.

**SpheroCam: Take your Sphero viral.**

Have fun with Sphero and never miss a funny moment. Use the built-in camera on your device to record video or take snapshots while you simultaneously drive Sphero. Will your SpheroCam video go viral? Record, upload and find out!

**Draw N’ Drive: If you can draw it, Sphero can drive it.**

Use your finger to trace a shape or path on the screen and Sphero will follow it before your eyes. Just give your smartphone or tablet a shake to clear the slate. Even make Sphero change colors as it rolls by using the integrated color wheel.

**Technical Description:**

- How much tech can you pack in a 3 inch sphere? Start with a sensor network – multi-axis rate gyro and accelerometer – fused together with the same kind of math that took Apollo to the Moon. Power it with lithium polymer batteries that are inductively recharged through the shell and add a Bluetooth-based command and control data link. Finally, mix in over-the-air firmware updates and internally sandboxed language extensions and you have a true robot that is an intelligent component of a smartphone app-based gaming, learning, and human-machine interaction system. Driving Sphero from the central app is just the start. An open API for iOS and Android invites developers around the world to dive right in...Oh, and Sphero is just fun.

**Product Details:**

- **Product Dimensions:** 74mm diameter
- **Charging:** Induction charger included

**Sphero Details:**

- **Construction:**
  - Inside: Orbotix Smart Robot
  - Outside: Opaque high-impact polycarbonate shell
- **Dimensions:**
  - Size: 74mm diameter
  - Weight: 168 grams
- **Lipo Battery:**
  - Drive time: Over 60 minutes at full speed
  - Charge time: Approximately 180 minutes
- **Connection:**
  - Wireless Bluetooth connection
  - Mobile App driven

**Packaging Details:**

- Packaging dimensions: 110mm x 110mm x 190mm
- Weight: 1.2lbs
  - Sphero ball: 168g
  - Cradle: 66g
  - Power Adaptor: 94g