



Technical Specification

Product name: Sphero BOLT

Brand: sphero

Model no.: K002

Manufacturer	Sphero, Inc.
Manufacturer Address	4772 Walnut Street, Suite 206, Boulder, CO 80301 USA
Bluetooth/wifi Version	Bluetooth 4.0 BLE
Modulation Type	Other modulation
Antenna Gain	TBA
Frequency Range	2402 - 2480MHz, 40 channels
Channel Spacing	BT: 2MHz
Antenna Type	Integral Antenna
Radio Power	<10dBm
Power	1x 3.7v 1250mAh Li-Ion Batteries
Charging	Charged by induction charging cradle with USB Cable, 125kHz power transmission
Misc.	BOLT has a LED matrix with additional 4 IR sensor, and the magnetoter as well as the ambient light sensor



Sphero BOLT (Model: K002)



Sam
SAM CHAN
2nd Aug 2016



Product name: Wireless induction charger

Brand: sphero

Model no.: K002WC

Manufacturer	Sphero, Inc.
Manufacturer Address	4772 Walnut Street, Suite 206, Boulder, CO 80301 USA
RF Feature	Wireless 125kHz Power Transmission, 3kHz Modulation
Antenna Type	Integral Antenna
Power	5vdc 500mA Input from USB cable.
Charging	Charged from induction charging cradle to Sphero BOLT ball, 125kHz power transmission
Misc.	Qty. 1 Blue LED 50mcd



Sphero BOLT Charging Cradle
(Model: K002WC)


SAM CHAN
2nd Aug 2018

