



INSPIRING THE CREATORS OF TOMORROW

Technical Specification

Product name: RVR+

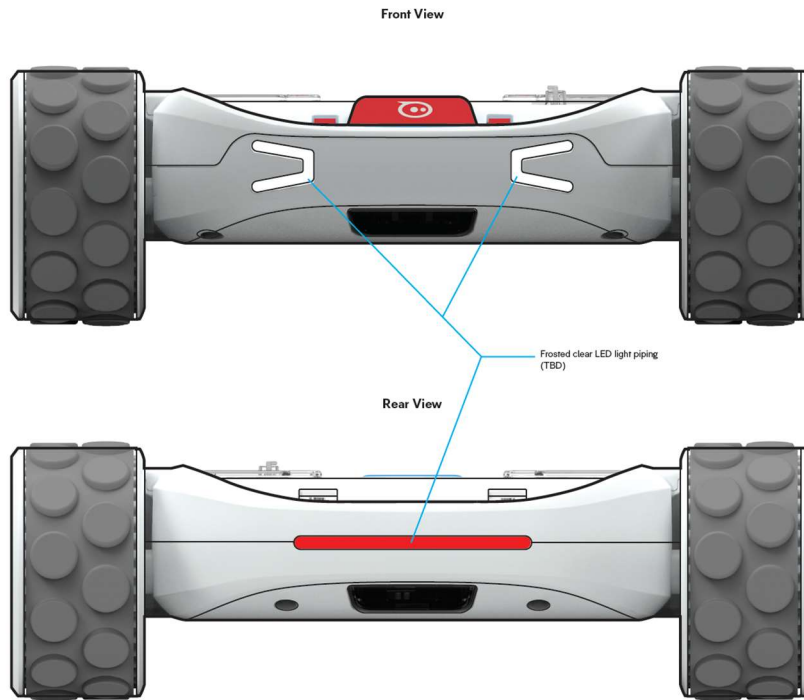
Brand: Sphero

Model no.: RV01

Manufacturer	Sphero, Inc. 7271 B Shelby Ave – Dock 19 Greenville, TX 75402 USA
Bluetooth/wifi Version	Bluetooth 4.2 BLE
Modulation Type	GFSK Modulation
Antenna Gain	+1.54 dBi
Frequency Range	2402 - 2480MHz
Channel Spacing	BT: 2MHz
Antenna Type	Monopole Integral Antenna
Radio Power	-8±1dBm
Power	1x 7.2v 5000mAh Li-Ion Battery (removeable)
Charging	Once battery is removed from robot, battery is charged by USB Type-C port at rates of 5V@3A, 9V@3A, 12V@2.5A and 20V@1.5A (PD)
Misc.	It has motion and lights during normal play. It can travel forward/backward and turn left/right and its motion is controlled by the app. It also has a color sensor, light sensor, IR, magnetometer for a compass function, accelerometer, gyroscope, and 4-port UART output connections for connection to a peripheral device.



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